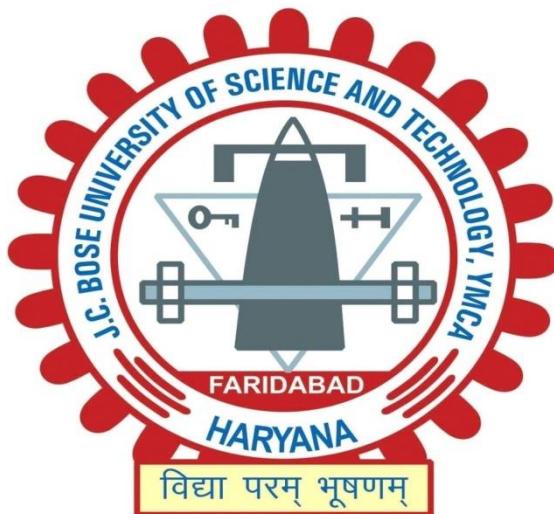


**J.C. Bose University of Science & Technology
YMCA, Faridabad**

(A Haryana State Govt. University)

(Established by Haryana State Legislative Act No.21 of 2009 &
Recognized by UGC Act 1956 U/S 22 to Confer Degrees)

Accredited 'A+' Grade by NAAC



**AGENDA ITEMS FOR 28TH MEETING OF
ACADEMIC COUNCIL SCHEDULED TO BE
HELD ON 10.10.2023 AT 11.00 AM**

(VENUE: BOARD ROOM)


J. C. Bose University of Science and Technology, YMCA, Faridabad

(formerly YMCA University of Science and Technology)
A State Govt. University established wide State Legislative Act. No. 21 of 2009
SECTOR-6, FARIDABAD, HARYANA-121006

ESTABLISHMENT BRANCH

Ph:0129-2310158, 2242143 (Fax) Email: drejcbust@gmail.com web: www.jcboseust.ac.in



Ref: Estb/Univ Auth/22/2024

Date: 01/09/2024

NOTIFICATION

As per the provisions contained in the University Statute (13), the Academic Council of J.C. Bose University of Science & Technology, YMCA, is hereby notified as follows:

| Sr. | Name of Member | Duration | |
|-----|--|-------------------|------------|
| | | From | Till |
| 1. | Prof. S.K.Tomar, Vice Chancellor & Chairman | Ex-Officio Member | |
| 2. | Director General, Technical Education Deptt, Haryana | Ex-Officio Member | |
| 3. | Registrar | Member Secretary | |
| 4. | Dean – Institutions | Ex-Officio Member | |
| 5. | Dean – Faculty of Engg & Tech | Ex-Officio Member | |
| 6. | Dean – Faculty of Management Studies | Ex-Officio Member | |
| 7. | Dean – Faculty of Sciences | Ex-Officio Member | |
| 8. | Dean – Faculty of Informatics and Computing | Ex-Officio Member | |
| 9. | Dean – Faculty of Liberal Arts & Media Studies | Ex-Officio Member | |
| 10. | Dean- Faculty of Life Sciences | Ex-Officio Member | |
| 11. | Dean- Faculty of Inter-disciplinary Studies & Research | Ex-Officio Member | |
| 12. | Controller of Finance | Ex-Officio Member | |
| 13. | Controller of Examinations/ Dean (Examinations) | Ex-Officio Member | |
| 14. | Dy. Librarian | Ex-Officio Member | |
| 15. | Prof. B S Pabla, Deptt. of Mechanical Engg. NITTR, Chandigarh | 31.08.2022 | 30.08.2024 |
| 16. | Prof. (Dr.) R S Chhillar, Deptt. of Computer Science & Applications, Maharshi Dayanand University, Rohtak-124001 | 31.08.2022 | 30.08.2024 |
| 17. | Prof. (Dr) Sunita Srivastava, Deptt. of Physics & Astrophysics, Central University of Haryana, Jant- Pali, Mahendragarh (Haryana) | 31.08.2022 | 30.08.2024 |
| 18. | Prof. (Dr.) M K Soni, Pro Vice Chancellor, Manav Rachna International Institute of Research & Studies, Faridabad | 31.08.2022 | 30.08.2024 |
| 19. | Prof. Pawan Kumar Sharma, Deptt. of Chemistry, Kurukshetra University, Kurukshetra | 31.08.2022 | 30.08.2024 |
| 20. | Prof. Rajesh Dhankhar, Deptt. of Environmental Sciences, Maharshi Dayanand University, Rohtak | 31.08.2022 | 30.08.2024 |
| 21. | Mr. Yoginder Pal Singh, Director, Kapayo Solutions Pvt. Ltd., 1797, Kotla Mubarakpur Opp. D-42 South Extension-1, New Delhi-110003 | 31.08.2022 | 30.08.2024 |
| 22. | Prof. P. Sasikala Ramachandaran, Head, Deptt. of New Media, M.C University of Journalism & Communication, Bhopal (M.P) | 31.08.2022 | 30.08.2024 |
| 23. | Dr. Raj Kumar, Professor - FET | 31.08.2022 | 30.08.2024 |
| 24. | Dr. Ashutosh Dixit, Professor -FIC | 31.08.2022 | 30.08.2024 |
| 25. | Dr. Ashutosh Nigam, Professor- FMS | 31.08.2022 | 30.08.2024 |
| 26. | Dr. Neetu Gupta, Professor-FOS | 31.08.2022 | 30.08.2024 |
| 27. | Dr. Manisha Goyal, Associate Professor- FMS | 31.08.2022 | 30.08.2024 |
| 28. | Dr. Anuradha Sharma, Associate Professor-FOS | 31.08.2022 | 30.08.2024 |
| 29. | Dr. Sandhya Dixit, Associate Professor- FET | 31.08.2022 | 30.08.2024 |
| 30. | Dr. Sapna Gambhir, Associate Professor-FIC | 31.08.2022 | 30.08.2024 |
| 31. | Dr. Pawan Malik, Associate Professor-FLAMS | 31.08.2022 | 30.08.2024 |
| 32. | Dr. Kakoli Dutt, Associate Professor-FLS | 31.08.2022 | 30.08.2024 |
| 33. | Mr. Bharat Bhushan, Assistant Professor.- FET | 31.08.2022 | 30.08.2024 |
| 34. | Mrs. Poonam, Assistant Professor- FIC | 31.08.2022 | 30.08.2024 |
| 35. | Dr. M K Yadav, Assistant Professor-FOS | 31.08.2022 | 30.08.2024 |
| 36. | Dr. Renu Aggarwal, Assistant Professor-FMS | 31.08.2022 | 30.08.2024 |
| 37. | Mr. Deepansh Sharma, Assistant Professor-FLS | 31.08.2022 | 30.08.2024 |

31/08/2022
REGISTRAR

Endst. No. Estb/Univ Auth/22/2025

Date : 01.09.2022

A copy of the above is forwarded to the following:

- All concerned.
- Web-administrator: to upload on the University website.

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| AC/28/09 | To note the implementation of the provisions of National Education Policy-2020(NEP-2020) in respect of all non-engineering UG programmes from the year 2023-24. | 14 |
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AGENDA ITEMS

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| Item No.AC/28/01 | To consider and confirm the Minutes of 27th meeting of the Academic Council held on 19.05.2023 at 12.00 Noon. |
| | <p>It is submitted that the Minutes of 27th Academic Council meeting held on 19.05.2023 at 12.00 Noon, duly approved by the Chairman, were circulated amongst the members vide email dated 29.05.2023, with a request to send their comments, if any, within a period of 05 days i.e. upto 03.06.2023. No comment was received by the due date.</p> <p>The Council may kindly consider and confirm the Minutes of 27th Academic Council meeting held on 19.05.2023 (copy enclosed as Annexure-28.01.01). (Page No. 22 -29).</p> |

Item No.AC/28/02 : **To note the Action Taken Report (where necessary) on the decisions of the 27th Academic Council meeting held on 19.05.2023 at 12.00 Noon.**

The Action Taken Report on the decisions of the 27th Academic Council meeting (where necessary), is given below for kind information of the members:-

| Item No. | Decisions of the Academic Council | Action to be taken by | Action Taken report |
|--|--|---------------------------------------|---|
| Item No. AC/27/01 To Consider and confirm the Minutes of 26 th Academic Council meeting held on 07.02.2023. | The Council considered and confirmed the Minutes of 26 th Academic Council meeting held on 07.02.2023. | -- | No further action was required. |
| Item No.AC/27/02 To note the Action Taken Report (where necessary) on the decisions of 26 th Academic Council meeting held on 07.02.2023. | <p>The Council noted the actions taken (where necessary) on the decisions of 26th Academic Council meeting held on 07.02.2023. However, while considering the action taken report, the Council further resolved/decided as under, on the following items:-</p> <p>Item No.AC/22/18(Additional): To consider and approve the request of Ms Minakshi Sharma, Regn No.18-YMCA-909002 for conversion of Full- time Ph.D to Part-time Ph.D programme.</p> <p>The Council noted the conversion of Ms Minakshi Sharma. However, it was desired that in future such matter should be examined by an appropriate body to check the fulfillment of all requirements.</p> | R&D Cell | The "Research Programme" Committee under R&D Cell, will examine the fulfilment of all the requirements as per Ph.D Ordinances regarding conversion of full time to part time. |
| -do- | Item No.AC/23/08: To consider and approve the Minutes of Board of Faculty | Dean-I&C/ R&D Cell | The educational qualifications for |

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| | <p>(I&C) meeting held on 12.10.2021 (finalizing the educational qualifications for Ph.D in Computer Application Deptt).</p> <p>The Council noted the educational qualifications and further desired that the same should be incorporated in Ph.D Ordinance of the University.</p> | | eligibility of Ph. D in Computer Application Deptt. is being incorporated at appropriate place in the Ph.D Ordinance/ Prospectus. |
| -do- | <p>Item No.AC/24/16: (Additional) To consider and approve the change in the cover page of Ph.D Thesis.</p> <p>The Council considered and approved the cover page of Ph.D Thesis with some changes, as suggested during the meeting.</p> | R&D Cell | Necessary changes have been made as suggested. |
| -do- | <p>Item No.AC/25/08: To consider and approve establishment of University Publication Bureau.</p> <p>The Council noted the establishment of University Publication Bureau and further desired that a revised Notification should be issued.</p> | R&D Cell | The revised Notification has been issued vide Office Notice No.R&D/2023/1408 dated 26.6.2023 (copy enclosed as Annexure-28.02.01). (Page No. 30). |
| -do- | <p>Item No.AC/25/09: To consider and approve the recommendations made by the committee constituted for review the award of Dean Merit Certificate.</p> <p>The Council deputed Dr.Pawan Singh Malik, Incharge-CMT Deptt to oversee the format of Certificate of Dean Merit with necessary corrections as proposed by DSW.</p> | DSW/Dr. Pawan Singh Malik | As conveyed by Dr.Pawan Singh Malik, a copy of the revised Certificate of Dean Merit is enclosed herewith as Annexure-28.02.02). (Page No. 31). |
| -do- | <p>Item No.AC/26/09: To note the Ph.D awarded report and Ph.D admissions made during the session 2021-22.</p> <p>The Council desired that a Committee should be constituted to frame modalities to allocate same un-allotted teaching load on suitable payment basis to Ph.D Scholars, who are not getting any scholarships.</p> | R&D Cell | The Teaching Assistantship (TA) Scheme is being placed through a separate Agenda Note. |
| Item No. AC/27/03 To consider and approve start of new courses by some Deptts. of the University from the session 2023-24. | <p>The Council considered and approved the start of new courses as follows:-</p> <p>(i) UG Certificate course in "Applied Mechanics & Manufacturing Engineering" with intake 20.</p> <p>(ii) PG Diploma in "Waste Management" with intake 20.</p> <p>(iii) B.Sc. in Visual Communication &</p> | UTDs/Dir-Admissions | Necessary action has been taken accordingly. |

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| | Multimedia Technology with intake 30. Further, the members desired that the nomenclature of proposed Programmes should be as per UGC/AICTE guidelines. | | |
| Item No. AC/27/04 To consider and approve the Internship/ training duration of B.Tech 8 th Semester (all branches), MCA (4 th Sem), MA (JMC)-4 th Sem. and B.Sc. Animation (6 th Sem) from 6 months to 5 months. | The Council after detailed deliberations approved the Internship/ Training of the programmes as mentioned in Agenda Note with a duration of one semester, comprising at least five months. | Emp. & Trg. Office | Necessary action has been taken accordingly. |
| Item No. AC/27/05 To consider and ratify the decision regarding charging of admission application fee for admission to UG/PG Programs of the University for the session 2023-24. | The Council considered and ratified the decision regarding revision of admission application and further resolved to recommend the matter to Executive Council for approval. | Director-Admissions | The matter was considered and approved by the Executive Council in its 47 th meeting held on 30.05.2023. |
| Item No. AC/27/06 To consider and approve the Academic Calendar of various courses for the upcoming odd semesters (session 2023-24). | <p>The Dean Academic Affairs apprised the house that the Academic Calendar is formulated in line with common academic calendar of all Universities of Haryana State. The schedule of B.Tech 1st year classes is subject to final counseling schedule of HSTES and classes would also be started w.e.f. 01.08.2023, alongwith other first year classes, if feasible.</p> <p>The Council after discussion approved the proposed Academic Calendar for the upcoming odd semesters (session 2023-24).</p> | Acd.Branch | Necessary action has been taken accordingly. |
| Item No. AC/27/07 To consider and approve start of Minor Degree/ Hons. Programs by the various Department of the University from the session 2023-24, as per AICTE/UGC norms. | <p>(I) The Council considered and approved the start of Minor Degree/ Specializations/Hons as proposed in the Agenda Note with following suggestions:-</p> <p>(a) The nomenclature of proposed programme i.e. "Nanoscience & Technology" should be changed with "Nonoscience & Nano-technology".</p> <p>(b) The nomenclature of proposed programme i.e. "Statistics" should be changed with "Applied Statistics".</p> <p>(c) To explore the possibilities to start a new Minor Degree Programme with nomenclature of "Statistical Process</p> | UTDs/Acd. Branch | The matter was considered & approved by the Executive Council in its 47 th meeting held on 30.05.2023 with suggestion that the nomenclature of the programme "Statistics" not be changed to "Applied Statistics". |

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| | <p>Controls (SPC)". (d) Every Minor Degree Programme should have at least one MOOC course within the prescribed credit limit, wherever available on SWAYAM platform.</p> <p>(II) The Council considered and approved the fee @ Rs.20,000/- per programme where 18-20 credits are to be earned and @ Rs.15,000/- per programme where 12-14 credits are to be earned, with yearly installment basis. The Council further resolved to recommend the matter to Executive Council for approval.</p> | | |
| <p>Item No. AC/27/08 To consider and approve the various reforms in examination system of the University as recommended by the Committee constituted for the purpose.</p> | <p>The Council after detailed deliberations decided that a Wider Committee should be constituted to consider and recommend the various reforms in examination system.</p> | COE | <p>A Wider Committee has been constituted and one meeting of the same was held on 20.09.2023 (copy enclosed as Annexure-28.02.03). (Page No. 32).</p> |
| <p>Item No. AC/27/09 To consider and approve the change of Research Topic of Mr.Rahul Gupta, Regn No.YMCAUST/Ph06/ 2k16, as a special case due to Covid-19 pandemic situations and also granted extension of one year to complete the Ph.D Programme with the condition that no further extension will be granted.</p> | <p>The Council considered and approved the change of Research Topic of Mr.Rahul Gupta, Regn No.YMCAUST/ Ph06/ 2k16, Deptt. of Electronics Engg.</p> | R&D Cell/ Chairperson-Electronics Engg. Deptt | <p>The same has been notified vide Office Notice No.R&D/ 2023/ 1778 dated 26.9.2023 (copy enclosed as Annexure-28.02.04). (Page No. 33).</p> |
| <p>Item No. AC/27/10 To consider and allow Mr. Dhruv Nain, Roll No.22001353007, BA (Social Work), to continue his study provisionally, as the matter is subjudice.</p> | <p>The Council considered and allowed Mr. Dhruv Nain, Roll No.22001353007, BA (Social Work), to continue his study provisionally, as the matter is subjudice.</p> | Regn. Branch | <p>Necessary action has been taken accordingly.</p> |
| <p>Item No.AC/27/11 To consider and approve the Information Brochure of the University for the Academic Year 2023-24 with making necessary changes as per instructions/guidelines of the State Govt., as and when announced.</p> | <p>The Council considered and approved the Information Brochure of the University for the Academic Year 2023-24 with making necessary changes as per instructions/guidelines of the State Govt., as and when announced.</p> | Academic Branch | <p>Information Brochure was released after making necessary changes, if any.</p> |
| <p>Item No.AC/27/12 To consider and approved Minutes of Board of Faculty</p> | <p>The Council considered and approved the Minutes of Board of Faculty (Management Studies) meeting held on 20.04.2023 with the suggestion :-</p> | All Chairperson-UTDs/COE | <p>As per COE, the Exam Branch followed the policy of MDU, Rohtak regarding inviting</p> |

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| (Mgt.Studies) meeting held on 20.04.2023 | (a) All Departments of the University will review the external examiner list. (b) The Examination Branch will review the policy for inviting external examiners. (c) The guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above. | | external examiners and now the same reviewed again. There will be no restriction about the distance for external examiner. |
| Item No.AC/27/13 To consider and approve the Policy for appointment of "Professor of Practice" in the University. | The Council considered and approved the Policy for appointment of "Professor of Practice" in the University and suggested to make payment of remuneration in line with policy of "Adjunct Faculty". | All Chairperson-UTDs/ Academic / Estb. branch | The matter was considered and approved by the Executive Council in its meeting held on 30.05.2023. |
| Item No.AC/27/14 To consider and approve Minutes of Board of Faculty (Informatics & Computing) meeting held on 09.05.2023 at 11.30 AM | The Council considered and approved the Minutes of Board of Faculty (Informatics & Computing) meeting held on 09.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above. | Dean-FIC | Decision was circulated for necessary action. |
| Item No.AC/27/15 To consider and approve the scheme for MOB Research Fellowship. | The Council considered and approved the scheme for MOB Fellowship and appreciated the MOB for the same. The Council further desired that the amount of fellowship may be revised at par with other State/ Central Govt. agencies, in future. | R&D Cell /Dean-Alumni Affairs Cell | The MOB Research Fellowship has been implemented w.e.f. AY 2023-24. |
| Item No.AC/27/16 To consider and approve Minutes of Board of Faculty (LAMS) meeting held on 15.05.2023 at 11.00 AM | The Council considered and approved the Minutes of Board of Faculty (LAMS) meeting held on 15.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above. | Dean-FLAMS | Decision was circulated for necessary action. |
| Item No.AC/27/17 (Additional) To consider and approve revision in remuneration for examination work. | The Council considered and approved the revision in remuneration for examination work and further resolved to recommend the matter to Executive Council for approval. | COE/Estb. Branch | The matter was considered by the Executive Council in its 47 th meeting held on 30.05.2023 and resolved to wait till the State Govt guidelines are received in this regard. |
| Item No.AC/27/18 (Additional) To consider and approve establishment of Sir | The Council considered and approved the recommendations made by the committee regarding establishment of Sir J.C. Bose Chair in the University. | R&D Cell/ Dr. Rajesh Ahuja | Decision of the Council has been conveyed to the concerned. |

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| J.C.Bose Chair in the University. | | | |
| Item No.AC/27/19 (Additional) To consider and approve Minutes of Board of Faculty (Life Science) meeting held on 16.05.2023 at 2.30 PM. | The Council considered and approved the Minutes of Board of Faculty (Life Science) meeting held on 16.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above. | Dean, Faculty (Life Sciences) | Necessary action has been taken accordingly. |

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| Item No. AC/28/03 | <p>To consider the proforma to submit the Inspection Report developed by the University, for granting affiliation to the Institutions/ Colleges with JCBUST, YMCA Faridabad.</p> <p>It is submitted that for grant of affiliation to the Institutes/Colleges seeking affiliation with the University in respect of continuation of provisional affiliation for existing courses, start of new courses, increase in intake etc., the Inspection Committees are constituted by the competent authority every year. The Inspection Committees visit the Institutions for physical inspection and submit their inspection report. But no fixed format to submit the inspection report is available in the University.</p> <p>Therefore, a Committee under the Chairmanship of Dr. Manjeet Singh, Professor in Computer Engg., was constituted and the committee has developed a new proforma to submit the Inspection Report, which may fulfill all needs of the report.</p> <p>A copy of proforma to submit the Inspection Report is attached herewith as Annexure-28.03.01. (Page No. 34-37).</p> <p>The Council may kindly consider and recommend the same to the Executive Council for approval.</p> |
| Item No. AC/28/04 | <p>To note the cancellation of admission of Ms. Nikita Kapoor, Roll No.22015305034, BBA (Digital Marketing) admitted by Echelon Institute of Technology, Faridabad.</p> <p>It is submitted that during registration of students admitted in 2022-23, it was found that the student Ms. Nikita Kapoor admitted in BBA (Digital Marketing) by Echelon Institute of Technology, Faridabad has passed her 10th & 12th from Singhania University Board of Secondary & Senior Secondary School, which was not available in the approved</p> |

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| | <p>Board list of Haryana Board of School Education Bhiwani. This was informed to the concerned Institute through mail.</p> <p>Further, a committee was constituted under the Chairmanship of Director-Admissions of the University. After going through all facts, the Committee in its meeting held on 09.06.2023 recommended that the Singhania University Board of Secondary & Senior Secondary School can not be considered as recognized Board. Therefore, Ms Nikita Kapoor, Roll No.22015305034, BBA (Digital Marketing) admitted by Echelon Institute of Technology, Faridabad cannot be registered with the University.</p> <p>The Council may kindly note the cancellation of admission of Ms Nikita Kapoor, Roll No.22015305034, BBA (Digital Marketing) admitted by Echelon Institute of Technology, Faridabad.</p> |
| Item No. AC/28/05 | <p>To consider and decide the request of the following Ph.D Scholars to continue their Ph.D on part time basis:-</p> <p>(i) Ms Anu Bala, Regn.No.21-YMCA-911002, Ph.D scholar in Physics</p> <p>(ii) Mr. Abhishek Bhardwaj, Regn No.21-YMCA-91001, Ph.D Schoar in Mechanical Engg.</p> |
| | <p>(i) Case of Ms Anu Bala, Regn.No.21-YMCA-911002, Ph.D scholar in Physics.</p> <p>It is informed that Ms Anu Bala was a JRF regular scholar in the Department of Physics and joined her Ph.D on 7th October, 2021 and will be completing her two years regular Ph.D Scholar tenure on 8th October,2023. In the meantime, she was appointed on regular basis in Government and joined her job on 21.03.2023. She wishes to continue her work and submitted her request on 4.5.2023 for conversion of Ph.D from full time to part time basis alongwith due recommendation of her Supervisor. Her case was placed before the DRC meeting held on 7th June,2023, (copy enclosed as <u>Annexure-28.05.01</u>) (<u>Page No. 38-40</u>), when the DRC was of the opinion that her case may be sent to Director(R&D) of the University.</p> <p>It is further informed that as per Ph.D Ordinance, the minimum period for conversion to part time Ph.D is two years. As per Director (R&D), since the candidate has been appointed on a regular Government job and already completed about 18 months in the University, her case may be considered as a special case for conversion on part-time basis.</p> |

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| | <p>The matter is placed before the Council for kind consideration and necessary decision.</p> <p>(ii) Case of Mr. Abhishek Bhardwaj, Regn No.21-YMCA-91001, Ph.D Schoar in Mechanical Engg.</p> <p>It is submitted that Mr. Abhishek Bhardwaj (Regn.No.21-YMCA-91001) enrolled under AICTE Doctoral Fellowship scheme as a Ph.D Scholar in Mechanical Engg. Deptt. on 02.11.2021. In the meantime, he joined as Lecturer in Mechanical Engg at Govt. Polytechnic, Indri, District- Nuh on 21.03.2023, thus has completed about 18 months in the University.</p> <p>The matter was also considered by the DRC of Mech. Engg. in its meeting held on 01.06.2023 (copy enclosed as <u>Annexure-28.05.02</u>) (Page No. 41-45) and the DRC decided to send the case to Director (R&D) of the University. As per Director(R&D, the candidate was asked as how he will manage the rest of time (i.e. 6 months). As informed by the candidate, he will complete the remaining period by visiting University during holidays/vacations etc.</p> <p>The matter is placed before the Council for kind consideration and necessary decision.</p> |
| Item No. AC/28/06 | <p>To consider the proposal to supply the certified photocopy of evaluated/re-evaluated answer books to the students of Affiliated Colleges with requisite fee.</p> <p>It is submitted that the Examination Branch of the University is conducting the end semester theory examination for the students of UTD and Affiliated Colleges. After the completion of exam, answer books are marked with secrecy code in order to maintain sanctity of the evaluation process.</p> <p>It is further informed that the answer books of UTD students are generally evaluated by the faculty members, who have taught the subject to the students in that particular semester. After evaluation, these answer books are shown to the UTD students by the respective faculty member as a good practice. On the other hand, the students of Affiliated Colleges are having no such facility to take care of their concerns/doubts regarding evaluation.</p> <p>Due to above, the students of Affiliated Colleges file RTI and seek photocopy of their evaluated answer books at any time after the result declaration. Thereafter, the staff of Examination Branch</p> |

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| | <p>searches the Answer books sought for in the RTI and spends a large amount of time to xerox the answer book and to reply the RTI. Sometime, failure to comply with RTI time lines, may lead to legal/financial complications. It's a long and time consuming process and major human resource is involved to complete the process.</p> <p>In order to streamline and facilitate the process, it has been proposed by the Examination Branch to supply the certified photocopy of evaluated/re-evaluated answer books to the students of Affiliated Colleges with payment of requisite fee. The facility may be given/restricted for a particular time period. This may not only resolve the issue but also become a source of revenue.</p> <p>As per Examination Branch, similar provisions/rule exist in Kurukshetra University and Deenbandhu Chotu Ram University, Murthal (Sonepat) and copy of the same is attached herewith as <u>Annexure-28.06.01. (Page No. 46-49)</u>.</p> <p>The following fee is being charged by the Kurukshetra University:-</p> <ul style="list-style-type: none"> (i) Fee for supply of certified photocopy of evaluated/re-evaluated per answer book is Rs.500/- (ii) Fee for Inspection of evaluated/re-evaluated per answer book is Rs.100/- (iii) BPL candidate need not to pay any fee. <p>The Council may kindly consider to supply the certified photocopy of evaluated/re-evaluated answer books to the students of Affiliated Colleges with requisite fee as above and recommend the same to the Executive Council for approval.</p> |
| Item No. AC/28/07 | To consider the Teaching Assistantship (TA) Scheme for Research Scholars of the University. |
| | <p>It is submitted that the Academic Council in its 26th meeting held on 07.02.2023 decided that the Ph.D Scholars, who fulfill the eligibility criteria and are not being paid any scholarship, may be allocated some un-allotted teaching load in the University on suitable payment basis.</p> <p>Accordingly a Committee under the Chairmanship of Dr.C.K.Nagpal, Dean, Faculty of Informatics & Computing was constituted for the above purpose. The Committee in its meeting held on 07.06.2023 recommended the following points:-</p> |

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| | <p>(i) Those Research Scholars, who are not getting any kind of scholarship, may be given Teaching Assistantship with a maximum load of 6-8 hours/week (laboratory load only).</p> <p>(ii) A honorarium of Rs.500/hour to the maximum of Rs.12000/month may be given.</p> <p>(iii) Funds for Teaching Assistantship may be utilized from Research Funds/Departmental/SFS Funds etc.</p> <p>A copy of Minutes dated 07.06.2023 is attached herewith a Annexure-28.07.01 (Page No. 50-60) alongwith UGC Committee Report dated 31.07.2019.</p> <p>The Council may kindly consider the Teaching Assistantship (TA) Scheme and recommend the same to the Executive Council for approval.</p> |
| Item No. AC/28/08 | <p>To consider and approve the recommendation of the committee regarding plagiarism/similarity limits in Ph.D Thesis.</p> |
| | <p>It is submitted that a Committee under the Chairmanship of Dr. C. K. Nagpal, Dean, Faculty of Informatics & Computing was constituted for giving its suggestions regarding plagiarism/similarity limits in the thesis submitted by the research scholars to the University. For similarity check, following points may also be considered in addition to report of the committee:-</p> <p>“Common knowledge or coincidental terms upto ‘14’(fourteen) consecutive words”.</p> <p>The Minutes of the above committee meeting dated 21.07.2023 are attached herewith as Annexure-28.08.01. (Page No. 61-63).</p> <p>The Council may kindly consider and approve the recommendation of the committee regarding plagiarism/similarity limits in Ph.D Thesis.</p> |
| Item No. AC/28/09 | <p>To note the implementation of the provisions of National Education Policy-2020(NEP-2020) in respect of all non-engineering UG programmes from the year 2023-24.</p> |
| | <p>It is submitted that in line with the directions issued by the State Govt. regarding implementation of NEP-2020, the University has decided to implement the provisions of NEP-2020 in respect of all non-engineering UG programmes from the year 2023-24.</p> <p>The Council may kindly note the implementation of provisions of NEP-2020 in respect of all non-engineering UG programmes from the year 2023-24.</p> |

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| Item No. AC/28/10 | <p>To consider and approve the modalities w.r.t MOOC Courses in the curriculum framework of 4-years UG Programs (Non-engineering) under NEP-2020.</p> <p>It is submitted that after implementation of provisions of NEP-2020 in respect of all non-engineering UG programmes from the year 2023-24, a committee was constituted under the Chairmanship of Dean Academic Affairs to formalize the modalities w.r.t. MOOC courses in the curriculum framework of 4-years UG Programs (Non-engineering) under NEP-2020.</p> <p>The Minutes of the committee meeting dated 14.09.2023 are attached herewith as <u>Annexure-28.10.01 (Page No. 64-65)</u> for ready reference.</p> <p>The Council may kindly consider and approve the modalities w.r.t. MOOC Courses in the curriculum framework of 4-years UG Programs (Non-engineering) under NEP-2020, as recommended by the above committee.</p> |
| Item No. AC/28/11 | <p>To note the criteria for "J.C. Bose Young Scientist Award" of the University.</p> <p>It is submitted that the University is promoting the research work and encouraging researchers to contribute their extraordinary efforts in research. As a result, the researchers of the University have contributed in various ways and received grants from various reputed agencies during the last one year.</p> <p>In this regard, the Research and Development Cell of the University proposes the Young Scientist Award in the name of "J.C.Bose Young Scientist Award" and prepared necessary criteria for deciding the grant of above award. A copy of the Criteria is attached herewith as <u>Annexure-28.11.01. (Page No. 66)</u>.</p> <p>The Council may kindly note the criteria for Young Scientist Award of the University.</p> |
| Item No. AC/28/12 | <p>To consider the selections made by the Selection Committee w.r.t Professor of Practice, as per UGC guidelines.</p> <p>It is submitted that the Selection Committee in its meeting held on 25.09.2023 considered and selected candidates as Professor of Practice in Electrical Engg., Management Studies and Civil Engg. Departments, as per UGC Guidelines.</p> <p>The sealed cover containing the details of selected candidates as Professor of Practice, is being placed to be opened during the meeting of the Council.</p> |

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| | <p>The Council may kindly consider the selections and recommend the names to the Executive Council for further approval.</p> |
| Item No. AC/28/13 | <p>To consider the revised minimum qualifications for appointment of teachers and other academic staff including Librarians and Director Physical Education & Sports etc issued by the State Govt.</p> <p>It is submitted that the State Govt. conveyed the Revised Minimum Qualifications for appointment of teachers and other academic staff including Librarians and Director of Physical Education & Sports in Universities and Colleges and measures for the maintenance of Standards in Higher Education-2022 based on University Grants Commission Regulations 2018 vide Memo No.7/79-2017C-IV(3) dated 11.11.2022 and Memo No.25/01/2023-4TE dated 08.06.2023.</p> <p>In this connection, it is informed that the University is following State Govt. Rules w.r.t. appointment of teachers, grant of pay scales, promotion under CAS etc. as conveyed from time to time. A copy of State Govt. Memo dated 11.11.2022 alongwith detailed guidelines on the subject matter is attached herewith as <u>Annexure-28.13.01. (Page No. 67-123)</u>.</p> <p>The Council may kindly consider and recommend the adoption of above guidelines of the State Govt. to Executive Council further approval.</p> |
| Item No. AC/28/14 | <p>To consider the new CAS proformas for University Teachers and Librarian as per guidelines of the State Govt. conveyed vide Memo No.7/79-2017C-IV(3) dated 11.11.2022 and Memo No. 25/01/2023-4TE dated 08.06.2023.</p> <p>It is submitted that on the basis of guidelines issued by the State Govt. vide Memo No.7/79-2017C-IV(3) dated 11.11.2022 w.e.f. revised minimum qualifications for appointment of teachers etc., the University has developed new CAS Proformas for Teachers and Librarian separately. The proformas are also discussed and finalized by a Committee constituted for this purpose. The proformas are reviewed by a committee constituted for this purpose and further circulated amongst the Chairpersons and Librarian for their comments.</p> <p>Copies of new CAS Proformas for Teachers and Librarian are attached herewith as <u>Annexures-28.14.01 (Page No. 124-138) & 28.14.02. (Page No. 139-148)</u>.</p> |

| | <p>The Council may kindly consider the new CAS proformas and recommend the same to the Executive Council for further approval.</p> | | | | | | | | | | | | |
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| Item No. AC/28/15 | <p>To consider the revision in remuneration rates for Secrecy work and checking of evaluated answer books.</p> <p>It is informed that the Examination Branch vide Note dated 26.09.2023 (copy enclosed as Annexur-28.15.01 (Page No. 149) submitted that after the conduction of examination, answer books are processed for secrecy purpose like putting "No question attempted thereafter", Putting dummy code, tearing off counterfoil etc.</p> <p>Similarly Checking Assistant verifies the marks mentioned on the cover page of the answer book with the marks given inside the answer book, checking of totaling, unmarked question and uploading of awards on ERP portal etc.</p> <p>The remuneration rates were introduced long back and have not been revised. In view of above, the following revision is proposed:-</p> <table border="1"> <thead> <tr> <th>Sr.No.</th><th>Activity</th><th>Existing rate</th><th>Proposed rates</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Secrecy work – pasting of stickers on the answer books</td><td>Rs.1/- per answer book subject to a maximum of 400 books in a day</td><td>Rs.2/- per answer book subject to a maximum of 400 books in a day</td></tr> <tr> <td>2.</td><td>Checking of evaluated answer books</td><td>Rs.1/- per answer book subject to a minimum of Rs.50/-</td><td>Rs.3/- per answer book subject to a maximum of 200 books in a day</td></tr> </tbody> </table> <p>The Council may kindly consider and recommend the above revision in remuneration rates to the Executive Council for approval.</p> | Sr.No. | Activity | Existing rate | Proposed rates | 1. | Secrecy work – pasting of stickers on the answer books | Rs.1/- per answer book subject to a maximum of 400 books in a day | Rs.2/- per answer book subject to a maximum of 400 books in a day | 2. | Checking of evaluated answer books | Rs.1/- per answer book subject to a minimum of Rs.50/- | Rs.3/- per answer book subject to a maximum of 200 books in a day |
| Sr.No. | Activity | Existing rate | Proposed rates | | | | | | | | | | |
| 1. | Secrecy work – pasting of stickers on the answer books | Rs.1/- per answer book subject to a maximum of 400 books in a day | Rs.2/- per answer book subject to a maximum of 400 books in a day | | | | | | | | | | |
| 2. | Checking of evaluated answer books | Rs.1/- per answer book subject to a minimum of Rs.50/- | Rs.3/- per answer book subject to a maximum of 200 books in a day | | | | | | | | | | |
| Item No. AC/28/16 | <p>To consider the adoption of instructions issued by the State Govt. regarding grant of HAG (Stage-6) under CAS to Senior Professors of the University.</p> <p>It is submitted that the State Govt. vide Memo No.83-86/Univ. dated 10.02.2023 conveyed the instructions regarding grant of HAG (Stage-6) under CAS to Senior Professors of the Universities. A copy of State Govt. Memo No.83-86/Univ. dated 10.02.2023 is attached herewith as Annexure-28.16.01 (Page No. 150-151) for ready reference.</p> <p>The Council may kindly consider and recommend the adoption of</p> | | | | | | | | | | | | |

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| | instructions to the Executive Council for approval. |
| Item No. AC/28/17 | <p>To consider and approve guidelines for Tree Plantation and Care for undergraduate students of the University and affiliated colleges.</p> <p>It is submitted that the National Education Policy (NEP) 2020 emphasizes the importance of making environmental education an integral part of curricula and encouraging environmental awareness and sensitization towards its conservation and sustainable development. NEP also advocates the attainment of holistic and multidisciplinary education, through flexible and innovative curricula for all Higher Education Institutions (HEIs) which shall include credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based education.</p> <p>Keeping in view the above, the Department of Environmental Sciences of the University prepared detailed guidelines for Tree Plantation and Care and a copy of the same is attached herewith as Annexure-28.17.01. (Page No.152-160).</p> <p>The Council may kindly consider and approve the guidelines for Tree Plantation and Care for undergraduate students of the University and affiliated colleges.</p> |
| Item No. AC/28/18 | <p>To note the Lifetime Institutional Membership of Institution of Engineers (India)-IEI w.e.f. 25.09.2023 granted to the University and ISTU Memberships applied by the University.</p> <p>It is submitted that University has been granted lifetime Institutional Membership by the Institution of Engineers (India)-IEI. Copy of certificate is attached as Annexure-28.18.01. (Page No. 161).</p> <p>It is further apprised that the University has also applied for the membership of Indian Society of Technical Universities (ISTU)</p> <p>The Council may kindly note the above Memberships granted/applied by the University.</p> |
| Item No. AC/28/19 | <p>To note the grant of 5% relaxation in the attendance in exceptional cases for the semester exam held in May & July,2023.</p> <p>It is submitted that the Academic Council in its 9th meeting held on 17.12.2015 approved the following Attendance Rules :-</p> <p>(1) 75% Normal (2) 10% deficiency can be condoned by the Chairperson/Dean concerned i.e. upto65%</p> |

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| | <p>(3) Those students having below 65% attendance will be detained. Such cases are to be approved by the Hon'ble Vice-Chancellor on the recommendation of concerned Chairperson/Dean.</p> <p>However, keeping in view the hardship of the students, the Vice-Chancellor has granted further 5% relaxation in attendance in exceptional cases.</p> <p>The Council may kindly note the grant of 5% relaxation in attendance to the student in exceptional cases for the semester exam. held in May & July,2023.</p> |
| Item No. AC/28/20 | To note the Examination report for session 2022-23. |
| | <p>The Examination Report for the session 2022-23 in respect of various programmes of the University is placed before the Council for kind consideration and information as Annexure-28.20.01. (Page No.162-165).</p> <p>The Council may kindly note the Examination Report of the University for the session 2022-23.</p> |
| Item No. AC/28/21 | To note the report of Ph.D Admissions and Ph.D awarded during the session 2022-23. |
| | <p>It is informed that during the session 2022-23, the University has successfully awarded 07_ Ph.D Degrees to the Scholars. A list of Ph.D Degrees awarded by the University during the session 2022-23, is enclosed herewith as Annexure-28.21.01 (Page No. 166)for kind information of the Council.</p> <p>Further, during the session 2022-23, 38 Scholars registered for pursuing Ph.D Programme in the University in various Departments. In the list, the name of scholarship granting agency is also mentioned. A copy of list containing the details of Ph.D Scholars admitted during the session 2022-23, is enclosed as Annexure-28.21.02 (Page No. 167)for kind information of the Council.</p> <p>The Council may kindly note the Ph.D awarded report and Ph.D admissions made during the session 2022-23 by the University.</p> |
| Item No. AC/28/22 | To consider and approve modalities/procedure and criteria for selection of candidates as Guest Faculty. |
| | <p>It is submitted that with the approval of the Academic Council, the University has already adopted the revised guidelines issued by the UGC vide letter No.F.25-1/2018(PS/MISC) dated 28th January, 2019. On the basis of guidelines issued by the UGC/AICTE, the modalities/procedure for engaging of Guest Faculty has been prepared alongwith criteria for</p> |

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| | <p>selection of candidates as Guest Faculty and reviewed by a committee comprising Deans of Faculty, ALO and DR(Acd).</p> <p>The modalities/procedure for engaging of Guest Faculty and suggestions of the review committee alongwith selection criteria is placed before the Council as Annexure-28.22.01 (Page No.168-171) for kind consideration and approval.</p> |
| Item No. AC/28/23 | <p>To consider and approve policy document w.r.t. Recognition and Reward System for faculty and staff of the University.</p> <p>It is submitted that the University is committed to provide a satisfying, trustworthy, harmonious work place to all its stakeholders. Satisfaction of stakeholders, including faculty and staff has always been a challenge due to dynamism involved in human behavior and expectations.</p> <p>The recognition/reward is considered as acknowledgement or something that is given in return for exceptional service, contribution or attainment. It stimulates a desired response that encourages the recurrence by the peer group. According, a committee headed by Dr.Rajesh Kumar Ahuja, prepared a policy document w.r.t. Recognition and Reward System for faculty and staff members of the University. The same was circulated amongst the Chairpersons for their observations, if any. A copy of the final policy document is attached herewith as Annexure-28.23.01. (Page No. 172-176).</p> <p>The Council may kindly consider and approve the proposed policy document w.r.t. Recognition and Reward System for faculty and staff members of the University.</p> |
| Item No. AC/28/24 | <p>To consider and approve the Ph.D Ordinance-2023 of the University.</p> <p>It is submitted that necessary changes/modifications in the Ph.D Ordinance have been done as per the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations, 2022 dated 7th November,2022. A copy of Ph.D Ordinance-2023 is attached herewith as Annexure-28.24.01. (Page No. 177-219).</p> <p>The Council may kindly consider and approve the Ph.D Ordinance-2023 of the University.</p> |
| Item No. AC/28/25 | <p>To consider and approve the Minutes of Board of Faculty (Engg. & Tech) meeting held on 28.09.2023.</p> |

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| | <p>It is submitted that the Board of Faculty(Engg. & Tech) in its meeting held on 28.09.2023 considered and approved mainly the following items:-</p> <p>Item No.BOF/19/03 : To consider and approve Minutes of meeting of Board of Studies (UG) of Mechanical Engg. Department held on 27.09.2023.</p> <p>Item No.BOF/19/04 : To consider and approve Minutes of meeting of Board of Studies (PG) of Mechanical Engg. Department held on 20.09.2023.</p> <p>Item No.BOF/19/05 : To consider and approve Minutes of meeting of Board of Studies of Civil Engg. Department held on 26.09.2023 .</p> <p>Item No.BOF/19/06 : To consider and approve Minutes of meeting of Board of Studies (PG) of Electronics Engg. Department held on 18.09.2023.</p> <p>Item No.BOF/19/07 : To consider and approve Minutes of meeting of Board of Studies (PG) of Electrical Engg. Department held on 26.05.2023.</p> <p>Item No.BOF/19/08 : To consider and approve Minutes of meeting of Board of Studies (PG) of Electrical Engg. Department held on 17.03.2023.</p> <p>Item No.BOF/19/09 (Additional):</p> <ul style="list-style-type: none"> (A) To inform the BOF about list of Value Added Courses (B) To inform the BOF about the Lecture Series conducted by the Department. (C) To report the number of students qualified for national level Competitive Exam. (D) To report the number of students gone for higher studies. <p>A copy of Minutes of BOF(Engg.& Tech.) meeting held on 28.09.2023 is placed before the Council as <u>Annexure-28.25.01 (Page No. 220-256)</u> for kind consideration and approval.</p> |
| Item No. AC/28/26 | Any other item with the permission of the Chair. |



No.JCBUST/AC/2023/ 408

Dated: 15/06/23

To,

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| 1. | Prof. S. K. Tomar, Vice-Chancellor, J.C. Bose University of Science & Technology, YMCA Faridabad. | : Chairman |
| 2 | Director General, Technical Education Deptt., Haryana or his nominee. | : Ex-Officio-Member |
| 3 | Registrar –Member Secretary, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 4 | Dr. Sandeep Grover, Dean-Institutions, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 5 | Dr. Raj Kumar, Dean-Faculty of Engg. & Tech., JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 6 | Dr. Ashutosh Nigam, Dean – Faculty of Management Studies & Professor-FMS, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 7 | Dr. Neetu Gupta, Dean – Faculty of Sciences & Life Sciences, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 8 | Dr. C.K.Nagpal, Dean – Faculty of Informatics and Computing, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 9 | Dr. Atul Mishra, Dean – Faculty of Liberal Arts & Media Studies JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 10 | Dr. Neelam Turk, Dean – Faculty of Interdisciplinary Studies & Research, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 11 | Dr. Komal Kumar Bhatia, Controller of Finance, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 12 | Dr. Hari Om, Controller of Examinations, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 13 | Dr. P.N. Bajpai, Dy. Librarian, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 14 | Prof. B. S. Pabla, Deptt. of Mechanical Engg, NITTTR, Chandigarh. | : Member |
| 15 | Prof(Dr) R.S. Chhillar, Deptt. of Computer Science & Applications, Maharshi Dayanand University, Rohtak-124001 | : Member |
| 16 | Prof.(Dr) Sunita Srivastava, Deptt of Physics & Astrophysics, Central University of Haryana, Jant-Pali, Mahendergarh (Haryana). | : Member |
| 17 | Prof(Dr) M.K. Soni, Pro-Chancellor, Lingaya's Vidya Peeth, Village-Nauchali, Faridabad. | : Member |
| 18 | Prof. Pawan Kumar Sharma, Deptt. of Chemistry, Central University of Haryana, Jant-Pali, Mahendergarh (Haryana). | : Member |
| 19 | Prof. Rajesh Dhankar, Deptt. of Environmental Sciences, Maharshi Dayanand University, Rohtak-124001. | : Member |
| 20 | Mr. Yogender Pal Singh, Director, Kapayo Solutions Pvt. Ltd. 1797, Kotla Mubarakpur Opp.D-42 South Extension-I, New Delhi-110003. | : Member |
| 21 | Prof. P. Sasikala, Dean(Academics), Head- New Media Technology, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal (M.P). | : Member |
| 22 | Dr. Ashutosh Dixit, Professor-FIC, JCBUST, YMCA Faridabad. | : Member |

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| 23 | Dr. Manisha Goyal, Associate Professor-FMS, JCBUST, YMCA Faridabad. | : Member |
| 24 | Dr. Anuradha Sharma, Associate Professor, FOS, JCBUST, YMCA Faridabad. | : Member |
| 25 | Dr. Sandhya Dixit, Associate Professor-FET, JCBUST, YMCA Faridabad. | : Member |
| 26 | Dr. Sapna Gambhir, Associate Professor-FIC, JCBUST, YMCA Faridabad. | : Member |
| 27 | Dr. Pawan Malik, Associate Professor-FLAMS, JCBUST, YMCA Faridabad. | : Member |
| 28 | Dr. Kakoli Dutt, Associate Professor-FLS, JCBUST, YMCA Faridabad. | : Member |
| 29 | Mr. Bharat Bhushan, Assistant Professor-FET, JCBUST, YMCA Faridabad. | : Member |
| 30 | Dr. Poonam, Assistant Professor-FIC, JCBUST, YMCA Faridabad. | : Member |
| 31 | Dr. M.K.Yadav, Assistant Professor-FOS, JCBUST, YMCA Faridabad. | : Member |
| 32 | Dr. Renu Aggarwal, Assistant Professor-FMS, JCBUST, YMCA Faridabad. | : Member |
| 33 | Mr. Deepansh Sharma, Assistant Professor-FLS, JCBUST, YMCA Faridabad. | : Member |

Subject: **Circulation of final Minutes of 27th meeting of the Academic Council held on 19.05. 2023 at 12.00 Noon in the Board Room of the University.**

Sir/Madam,

Please find enclosed herewith final Minutes of 27th meeting of the Academic Council of J.C. Bose University of Science and Technology, YMCA Faridabad held on 19.05.2023 at 12.00 Noon duly approved by the Chairman, for your kind information.

Yours faithfully,

15/6/2023
REGISTRAR
(MEMBER-SECRETARY)

Endst No.JCBUST/AC/2023/418

Dated: *15/6/23*

A copy of above is forwarded to the following:-

- All concerned Departments/Sections/Cells, JC Bose UST, YMCA, Faridabad for taking further necessary action on the decisions/issues related to them.
- Web-Administrator to upload on the University website.

15/6/2023
REGISTRAR
(MEMBER-SECRETARY)
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**MINUTES OF 27TH MEETING OF THE ACADEMIC
COUNCIL HELD ON 19.05.2023 AT 12.00 Noon IN THE
BOARD ROOM OF THE UNIVERSITY**

Present:

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| 1. | The Vice-Chancellor, J.C.Bose University of Science & Technology, YMCA Faridabad. | : In Chair |
| 2. | Dr. Pratap Singh, Principal, Govt. Polytechnic, Mandkola, Distt Palwal (Nominee of DGTE, Haryana) | : Ex-Officio-Member |
| 3. | Dr. Sunil Kumar Garg, Registrar, JCBUST, YMCA Faridabad. | : Member-Secretary |
| 4. | Dr. Sandeep Grover, Dean-Institutions, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 5. | Dr. Raj Kumar, Dean-Faculty of Engg. & Tech. JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 6. | Dr. Ashutosh Nigam, Dean – Faculty of Management Studies & Professor-FMS, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 7. | Dr. Neetu Gupta, Dean – Faculty of Sciences & Life Sciences, JCBUST, YMCA Faridabad. | |
| 8. | Dr. C.K. Nagpal, Dean – Faculty of Informatics and Computing, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 9. | Sh.Ravi Kumar Sharma, Sr.Accounts Officer, JCBUST, YMCA Faridabad (Representative of Controller of Finance). | : Ex-Officio-Member |
| 10. | Dr. Atul Mishra, Dean – Faculty of Liberal Arts & Media Studies, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 11. | Dr. Neelam Turk, Dean – Faculty of Interdisciplinary Studies & Research, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 12. | Dr. Hari Om, Controller of Examinations, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 13. | Dr. P.N. Bajpai, Dy. Librarian, JCBUST, YMCA Faridabad. | : Ex-Officio-Member |
| 14. | Prof. B.S. Pabla, Deptt. of Mechanical Engg, NITTTR, Chandigarh. | : Member (Attended online) |
| 15. | Prof(Dr) R.S. Chhillar, Deptt. of Computer Science & Applications, Maharshi Dayanand University, Rohtak-124001 | : Member |
| 16. | Prof.(Dr) Sunita Srivastava, Deptt of Physics & Astrophysics, Central University of Haryana, Jant-Pali, Mahendragarh (HR) | : Member |
| 17. | Prof. Pawan Kumar Sharma, Deptt. of Chemistry, Central University of Haryana, Jant-Pali, Mahendragarh (Haryana). | : Member |
| 18. | Prof. Rajesh Dhankar, Deptt. of Environmental Science, Maharshi Dayanand University, Rohtak-124001. | : Member |
| 19. | Mr. Yogender Pal Singh, Director, Kapayo Solutions Pvt. Ltd. 1797, Kotla Mubarakpur Opp.D-42 South Extension-I, New Delhi-110003. | : Member |
| 20. | Dr. Ashutosh Dixit, Professor-FIC, JCBUST, YMCA Faridabad. | : Member |
| 21. | Dr. Manisha Goyal, Associate Professor-FMS, JCBUST, YMCA Faridabad. | : Member |
| 22. | Dr. Anuradha Sharma, Associate Professor, FOS, JCBUST, YMCA Faridabad. | : Member |
| 23. | Dr. Sandhya Dixit, Associate Professor-FET, JCBUST, YMCA Faridabad. | : Member |
| 24. | Dr. Sapna Gambhir, Associate Professor-FIC, JCBUST, YMCA Faridabad. | : Member |

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| 25. | Dr. Pawan Singh Malik, Associate Professor-FLAMS, JCBUST, YMCA Faridabad. | : Member |
| 26. | Dr. Kakoli Dutt, Associate Professor-FLS, JCBUST, YMCA Faridabad. | : Member |
| 27. | Mr. Bharat Bhushan, Assistant Professor-FET, JCBUST, YMCA Faridabad. | : Member |
| 28. | Dr. Poonam, Assistant Professor-FIC, JCBUST, YMCA Faridabad. | : Member |
| 29. | Dr. M.K.Yadav, Assistant Professor-FOS, JCBUST, YMCA Faridabad. | : Member |
| 30. | Dr. Renu Aggarwal, Assistant Professor-FMS, JCBUST, YMCA Faridabad. | : Member |
| 31. | Mr. Deepansh Sharma, Assistant Professor-FLS, JCBUST, YMCA Faridabad. | : Member |
| 32. | Dr. Vikram Singh, Dean-Alumni Affairs Cell, JCBUST, YMCA Faridabad. | : Special Invitee |
| 33. | Dr. Naresh Chauhan, Director-R&D Cell, JCBUST, YMCA Faridabad. | : Special Invitee |
| 34. | Dr. Pradeep Dimri, Chairperson-Electronics Engg. Deptt. JCBUST, YMCA Faridabad. | : Special Invitee |

At the outset, the Registrar & Member- Secretary, extended a hearty welcome to all the members of the Academic Council for attending the meeting. He also extended special thanks to Prof. R.S.Chhillar, Prof. Pawan Kumar Sharma, Prof. Rajesh Dhankar, Prof.B.S.Pabla, Prof. Sunita Srivastava and Sh. Yogender Pal Singh for attending the meeting, after sparing valuable time out of their busy schedule and to have their valuable suggestions.

Dr. M.K.Soni, Pro-Chancellor, Lingaya's Vidya Peeth, Faridabad and Prof.P.Sasikala, Dean(Academics), Head, New Media Technology, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal, could not attend the meeting.

Thereafter, the agenda items were taken up and after detailed discussions, the following decisions were taken:-

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| Item No.AC/27/01 | To Consider and confirm the Minutes of 26th Academic Council meeting held on 07.02.2023. |
| | The Council considered and confirmed the Minutes of 26 th Academic Council meeting held on 07.02.2023. |
| Item No.AC/27/02 | To note the Action Taken Report (where necessary) on the decisions of 26th Academic Council meeting held on 07.02.2023. |
| | <p>The Council noted the actions taken (where necessary) on the decisions of 26th Academic Council meeting held on 07.02.2023. However, while considering the action taken report, the Council further resolved/decided as under, on the following items:-</p> <p>Item No.AC/22/18(Additional): To consider and approve the request of Ms Minakshi Sharma, Regn No.18-YMCA- 909002 for conversion of Full-time Ph.D to Part-time Ph.D programme.</p> <p>The Council noted the conversion of Ms Minakshi Sharma. However, it was desired that in future such matter should be examined by an appropriate body to check the fulfillment of all requirements.</p> <p style="text-align: right;">(Action to be taken by R&D Cell)</p> |

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| | <p>Item No.AC/23/08: To consider and approve the Minutes of Board of Faculty (I&C) meeting held on 12.10.2021 (finalizing the educational qualifications for Ph.D in Computer Application Deptt).</p> <p>The Council noted the educational qualifications and further desired that the same should be incorporated in Ph.D Ordinance of the University.</p> <p style="text-align: right;">(Action to be taken by Dean-I&C/R&D Cell)</p> <p>Item No.AC/24/16: (Additional) To consider and approve the change in the cover page of Ph.D Thesis.</p> <p>The Council considered and approved the cover page of Ph.D Thesis with some changes, as suggested during the meeting.</p> <p style="text-align: right;">(Action to be taken by R&D Cell)</p> <p>Item No.AC/25/08: To consider and approve establishment of University Publication Bureau.</p> <p>The Council noted the establishment of University Publication Bureau and further desired that a revised Notification should be issued.</p> <p style="text-align: right;">(Action to be taken by R&D Cell)</p> <p>Item No.AC/25/09: To consider and approve the recommendations made by the committee constituted for review the award of Dean Merit Certificate.</p> <p>The Council deputed Dr.Pawan Singh Malik, Incharge-CMT Deptt to oversee the format of Certificate of Dean Merit with necessary corrections as proposed by DSW.</p> <p style="text-align: right;">(Action to be taken by DSW/Dr.Pawan Singh Malik)</p> <p>Item No.AC/26/09: To note the Ph.D awarded report and Ph.D admissions made during the session 2021-22.</p> <p>The Council desired that a Committee should be constituted to frame modalities to allocate same un-allotted teaching load on suitable payment basis to Ph.D Scholars, who are not getting any scholarships.</p> <p style="text-align: right;">(Action to be taken by R&D Cell)</p> <p>Item No.AC/27/03</p> <p>To consider and approve start of new courses by some Deptts. of the University from the session 2023-24.</p> <p>The Council considered and approved the start of new courses as follows:-</p> <ul style="list-style-type: none"> (i) UG Certificate course in "Applied Mechanics & Manufacturing Engineering" with intake 20. (ii) PG Diploma in "Waste Management" with intake 20. (iii) B.Sc. in Visual Communication & Multimedia Technology with intake 30. <p>Further, the members desired that the nomenclature of proposed Programmes should be as per UGC/AICTE guidelines.</p> <p style="text-align: right;">(Action to be taken by concerned Deptt/Director-Admissions)</p> |
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| Item No.AC/27/04 | To consider and approve the Internship/ training duration of B.Tech 8 th Semester (all branches), MCA(4 th Sem), MA(JMC)-4 th Sem. and B.Sc. Animation (6 th Sem) from 6 months to 5 months. |
| | The Council after detailed deliberations approved the Internship/ Training of the programmes as mentioned in Agenda Note with a duration of one semester, comprising atleast five months. (Action to be taken by Employment & Training Office) |
| Item No.AC/27/05 | To consider and ratify the decision regarding charging of admission application fee for admission to UG/PG Programmes of the University for the session 2023-24. |
| | The Council considered ratified the decision regarding revision of admission application and further resolved to recommend the matter to Executive Council for approval. (Action to be taken by Director-Admissions) |
| Item No.AC/27/06 | To consider and approve the Academic Calendar of various courses for the upcoming odd semesters (session 2023-24). |
| | The Dean Academic Affairs apprised the house that the Academic Calendar is formulated in line with common academic calendar of all Universities of Haryana State. The schedule of B.Tech 1 st year classes is subject to final counseling schedule of HSTES and classes would also be started w.e.f. 01.08.2023, alongwith other first year classes, if feasible. The Council after discussion approved the proposed Academic Calendar for the upcoming odd semesters (session 2023-24). (Action to be taken by Academic Branch) |
| Item No.AC/27/07 | To consider and approve start of Minor Degree/Hons. Programmes by the various Department of the University from the session 2023-24, as per AICTE/UGC norms. |
| | <p>(I) The Council considered and approved the start of Minor Degree/ Specializations/Hons as proposed in the Agenda Note with following suggestions:-</p> <p>(a) The nomenclature of proposed programme i.e. Nanoscience & Technology" should be changed with "Nonoscience & Nano-technology".</p> <p>(b) The nomenclature of proposed programme i.e. "Statistics" should be changed with "Applied Statistics".</p> <p>(c) To explore the possibilities to start a new Minor Degree Programme with nomenclature of "Statistical Process Controls (SPC)".</p> <p>(d) Every Minor Degree Programme should have atleast one MOOC course within the prescribed credit limit, wherever available on SWAYAM platform.</p> <p>(II) The Council considered and approved the fee @ Rs.20,000/- per programme where 18-20 credits are to be earned and @ Rs.15,000/- per programme where 12-14 credits are to be earned, with yearly installment basis. The Council further resolved to recommend the matter to Executive Council for approval.</p> <p>(Action to be taken by concerned Chairpersons/Acd.Branch)</p> |

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| Item No.AC/27/08 | To consider and approve the various reforms in examination system of the University as recommended by the Committee constituted for the purpose. |
| | The Council after detailed deliberations decided that a Wider Committee should be constituted to consider and recommend the various reforms in examination system. (Action to be taken by COE) |
| Item No.AC/27/09 | To consider and approve the change of Research Topic of Mr.Rahul Gupta, Ph.D Scholar Regn No.YMCAUST/Ph06/ 2k16, Department of Electronics Engg. |
| | The Council considered and approved the change of Research Topic of Mr.Rahul Gupta, Regn No.YMCAUST/Ph06/ 2k16, as a special case due to Covid-19 pandemic situations and also granted extension of one year to complete the Ph.D Programme with the condition that no further extension will be granted. (Action to be taken by R&D Cell/Chairperson-Electronics) |
| Item No.AC/27/10 | To consider and allow Mr. Dhruv Nain, Roll No.22001353007, BA (Social Work), to continue his study in view of passing 10 th class from Urdu Education Board Delhi. |
| | The Council considered and allowed Mr. Dhruv Nain, Roll No.22001353007, BA (Social Work), to continue his study provisionally, as the matter is subjudice. (Action to be taken by Registration Branch) |
| Item No.AC/27/11 | To consider and approve the Information Brochure of the University for the Academic Year 2023-24. |
| | The Council considered and approved the Information Brochure of the University for the Academic Year 2023-24 with making necessary changes as per instructions/guidelines of the State Govt., as and when announced. (Action to be taken by Academic Branch) |
| Item No.AC/27/12 | To consider and approved Minutes of Board of Faculty (Management Studies) meeting held on 20.04.2023 |
| | The Council considered and approved the Minutes of Board of Faculty (Management Studies) meeting held on 20.04.2023 with the suggestion :- (a) All Departments of the University will review the external examiner list. (b) The Examination Branch will review the policy for inviting external examiners. (c) The guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above. (Action to be taken by all Chairperson-UTDs/COE) |
| Item No.AC/27/13 | To consider and approve the Policy for appointment of "Professor of Practice" in the University. |
| | The Council considered and approved the Policy for appointment of "Professor of Practice" in the University and suggested to make payment of remuneration in line with policy of "Adjunct Faculty". (Action to be taken by all Chairperson-UTDs/Academic section/ Estb. branch) |

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| Item No.AC/27/14 | To consider and approve Minutes of Board of Faculty (Informatics & Computing) meeting held on 09.05.2023 at 11.30 AM |
| | <p>The Council considered and approved the Minutes of Board of Faculty (Informatics & Computing) meeting held on 09.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above.</p> <p style="text-align: right;">(Action to be taken by Dean-I&C)</p> |
| Item No.AC/27/15 | To consider and approve the scheme for MOB Research Fellowship. |
| | <p>The Council considered and approved the scheme for MOB Fellowship and appreciated the MOB for the same. The Council further desired that the amount of fellowship may be revised at par with other State/ Central Govt. agencies, in future.</p> <p style="text-align: right;">(Action to be taken by R&D Cell /Dean-Alumni Affairs)</p> |
| Item No.AC/27/16 (Additional) | To consider and approve Minutes of Board of Faculty (LAMS) meeting held on 15.05.2023 at 11.00 AM |
| | <p>The Council considered and approved the Minutes of Board of Faculty (LAMS) meeting held on 15.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above.</p> <p style="text-align: right;">(Action to be taken by Dean-FLAMS)</p> |
| Item No.AC/27/17 (Additional) | To consider and approve revision in remuneration for examination work. |
| | <p>The Council considered and approved the revision in remuneration for examination work and further resolved to recommend the matter to Executive Council for approval.</p> <p style="text-align: right;">(Action to be taken by COE/Estb.Branch)</p> |
| Item No.AC/27/18 (Additional) | To consider and approve establishment of Sir J.C.Bose Chair in the University. |
| | <p>The Council considered and approved the recommendations made by the committee regarding establishment of Sir J.C. Bose Chair in the University.</p> <p style="text-align: right;">(Action to be taken by R&D Cell/ Dr Rajesh Ahuja)</p> |
| Item No.AC/27/19 (Additional) | To consider and approve Minutes of Board of Faculty (Life Science) meeting held on 16.05.2023 at 2.30 PM. |
| | <p>The Council considered and approved the Minutes of Board of Faculty (Life Science) meeting held on 16.05.2023 with the suggestion to review of list of external examiners, as decided under Item No.AC/27/12 above and the guidelines to start the minor degree programme should be adopted as decided under Item no AC/27/07 above.</p> <p style="text-align: right;">(Action to be taken by Dean (Life Sciences))</p> |

The meeting ended with a vote of thanks to the Chair.

Ju 14/6/2023
REGISTRAR
(MEMBER-SECRETARY)



28.02.01

Office of Director (Research & Development Cell)

Office Notice

Ref. No. R & D/ 2023/1408

Date: 26.06.2023

Sub.: Revised Notification for Establishment of Publication Bureau

It is to inform that as desired by the Academic Council in its 27th meeting held on 19.05.2023 vide Item no.AC/27/02 (AC/25/08) and as approved by the competent authority the Publication Bureau has been constituted consisting of the following members.

1. Dr. Pawan Singh Malik, Associate Prof., CMT - Incharge Publication Bureau
2. Mr. Jitender Yadav, PRO - Member
3. Dr. Deepansh Sharma, Assistant Prof., Life Sci. - Member
4. Dr. Parveen Kumar, Assistant Prof., Mgt. St. - Member
5. Dr. Sonia Hooda, Assistant Prof., CMT - Member

The committee is also required to prepare standard operating procedure (SOP) for the working of Publication Bureau

Director (R & D)

- All the concerned faculty members

The copy of the above is forwarded to the following :

1. All Chairpersons
2. All Deans
3. P.A. to Registrar
4. P.S. to VC



J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD (HARYANA)

A State Government University (Accredited 'A+' Grade by NAAC) established vide State Legislative Act /lo.21 of 2009

Recognized by UGC under Section 2(f) and 12(B) of UGC Act 1956

NH- 2, SECTOR-6, MATHURA ROAD, FARIDABAD-121006, HARYANA (INDIA)



28.02.02

S.No.:DSW/2023/

Date :



Certificate of Dean Merit

Certified that **Mr. SUMIT KUMAR YADAV** Son of **Sh. NARESH KR** Roll No. 20001518005 stood **Topper** in his/her discipline/Branch of **Power Electronics & Drives** in **M.Tech.** Programme for the **Batch 2020-22**. In recognition of this, the Certificate is being awarded to him/her.

CHAIRPERSON / INCHARGE



Approved

SK Kumar

DEAN OF FACULTY

04/07/2022



28.02.03

J. C. Bose University of Science and Technology, YMCA, Faridabad
(formerly YMCA University of Science and Technology)
 A State Govt. University established wide State Legislative Act. No. 21 of 2009
 SECTOR-6, FARIDABAD, HARYANA-121006
www.jcboseust.ac.in

Ref. No. COE/1409

Dated: July 10, 2023

Notice

Sub: Reforms in Examination system of the University

As approved by the Competent Authority, a committee of the following is hereby constituted on the subject cited above:

- Prof. Pawan Sharma (in Chair)- CUH Mahendergarh
- Dr. Rajiv Kumar Singh-Registrar Gurugram University
- Dr. M.S. Dhankhar- COE, DCRUST, Murthal
- Dr. Hukum Singh- COE K.U. Kurukshetra
- Prof. Hari Om - Officiating COE JCBUST
- Assistant Registrar(exams) - Convener

[Signature]
 Assistant Registrar (Exams)

PL 10.07.2023

-All concerned

CC:

1. PS to VC/ PA to Registrar for kind information of VC/Registrar



28.02.04

J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA FARIDABAD
(Formerly YMCA University of Science and Technology, Faridabad)
 (NAAC Accredited 'A+' Grade State Govt. University)
 NH- 2, SECTOR-6, FARIDABAD, HARYANA-121006
 Ph: 0129-2310131, 2210372, 2242142, 2242143 (Fax) web: www.jcboseust.ac.in

Ref. No. R & D/2023/1778

Date: 26/09/2023

Sub: Change of Topic & Extension of one year to Mr. Rahul Gupta to complete the Ph.D.

Reference the 27th meeting of Academic Council vide item no. AC/27/09, the council has approved the change of research topic and also granted extension of one year to complete the Ph.D. to Mr. Rahul Gupta, Ph.D. scholar (Reg No. YMCAUST/PH06/2K16) in the Deptt. of Electronics Engg.

M. Anand
 Director (R & D)
 26/09/23

➤ Chairperson, Electronics Engg.



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28.03.01

Date:.....

Inspection Report

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|--|-------------------------|------------------------------|---|-------------------------------|---------------------------------------|---------------------------|
| Name of the Institute/College | | | | | | |
| Name of Member of Inspection Committee | Name | | | Affiliation | | |
| | | | | | | |
| Inspection Year(s) | | | | | | |
| Inspection Date | | | | | | |
| Details of Courses: | | | | | | |
| Name of Course Professor Associate Prof. Assistant Prof. Students Books Class Rooms Labs | Faculty Required | Faculty Available | No. of Faculty | | Whether scale as per UGC/AICTE | Deficiency, if any |
| | | | Part Time | Regular | | |
| | | | Total no of students (as per Intake) | | Total no of students (Actual) | |
| | | | | | | |
| | | No. of Books Required | | No. of Books Available | | |
| | | | | | | |
| | | No. of Rooms Required | | No. of Rooms Available | | |
| | | | | | | |
| | | No. of Labs Required | | No. of Labs Available | | |
| | | | | | | |

| Name of Course | | Faculty Required | Faculty Available | No. of Faculty | | Whether scale as per UGC/AICTE | Deficiency, if any |
|----------------|-----------------------|--------------------------------------|-------------------|-------------------------------|---------|--------------------------------|--------------------|
| | | | | Part Time | Regular | | |
| Students | Professor | | | | | | |
| | Associate Prof. | | | | | | |
| | Assistant Prof. | | | | | | |
| | Intake | Total no of students (as per Intake) | | Total no of students (Actual) | | | |
| | | | | | | | |
| | No. of Books Required | No. of Books Available | | | | | |
| | | | | | | | |
| | No. of Rooms Required | No. of Rooms Available | | | | | |
| | | | | | | | |
| | No. of Labs Required | No. of Labs Available | | | | | |
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| Name of Course | | Faculty Required | Faculty Available | No. of Faculty | | Whether scale as per UGC/AICTE | Deficiency if any |
|----------------|-----------------------|--------------------------------------|-------------------|-------------------------------|---------|--------------------------------|-------------------|
| | | | | Part Time | Regular | | |
| Students | Professor | | | | | | |
| | Associate Prof. | | | | | | |
| | Assistant Prof. | | | | | | |
| | Intake | Total no of students (as per Intake) | | Total no of students (Actual) | | | |
| | | | | | | | |
| | No. of Books Required | No. of Books Available | | | | | |
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| | No. of Rooms Required | No. of Rooms Available | | | | | |
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| | No. of Labs Required | No. of Labs Available | | | | | |
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Compliance of Last year Report:

| Sr. No. | Point(s) of Concern | Whether Complied or Not |
|----------------|----------------------------|--------------------------------|
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Recommendation(s):**Continuation/ Extension: List of Courses*:**

Based on the physical verification of documents & infrastructure required and interaction with stake holders, the following courses are recommended to extend affiliation with the University provisionally/conditionally for a period of

Condition(s), if any:

| Sr. No. | Name of Course | Intake(in Units) |
|----------------|-----------------------|-------------------------|
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Increase in Intake* :

Based on the physical verification of documents & infrastructure required and interaction with stake holders, the following course(s) are recommended to increase the intake and to extend affiliation with the University provisionally/conditionally for a period of

Condition(s), if any:

| Sr. No. | Name of Course | Earlier Intake | Increased Intake |
|----------------|-----------------------|-----------------------|-------------------------|
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Start of New course* :

Based on the physical verification of documents & infrastructure required and interaction with stake holders, the following new course(s) are recommended to start and to affiliate with the University for a period of

Condition(s), if any:

| Sr. No. | Name of Course | Intake of New Course |
|---------|----------------|----------------------|
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*The affiliation in terms of extension/continuation and permission to Increase Intake/ to start of new course(s), as mentioned above, is provisional in nature and is subjected to approval by AICTE for session

Signature of Member 1.....

Name of Member:

Date:

Signature of Member 2.....

Name of Member:

Date:

Signature of Member 3.....

Name of Member:

Date:



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ONE EARTH • ONE FAMILY • ONE NATURE

Department of Physics

Date: 26/6/2023

Minutes of the 14th DRC meeting of the Department of Physics held on 7th June, 2023 at 11.00 AM in the office of the Chairperson.

The 14th meeting of DRC was held in the office of Chairperson, Department of Physics on 7th June, 2023 at 11.00 AM in the office of the Chairperson.

Following members attended the meeting:

1. Dr. Anuradha Sharma (Chairperson Physics)
2. Dr. Sonia Bansal (Member)
3. Dr. Maneesha Garg (Member)
4. Dr. M.K. Yadav (Member)
5. Dr. Ompal Singh (Member)
6. Dr. Rashi Gupta (Member)

Dr. Arun Kumar could not attend the meeting.

The following agenda items were taken and resolved:

Item 14.1: To confirm the minutes of the 13th DRC meeting held on 1/12/2022.

The minutes of the 13th DRC meeting held on 1/12/2022 were confirmed.

Item 14.2: To consider and approve the minutes of SAC meetings held on 6/4/2023, 11/04/2023 and 18/4/2023.

The minutes of different SAC meetings were discussed and it was informed to the house that six monthly progress reports of the following scholars were presented before the SAC:

| Name of the Scholar | Registration Number | Date of SAC | Remarks |
|---------------------|---------------------|-------------|---------|
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| Tamanna Sharma | 19-YMCA-911007 | 16/11/2022 | The work done is found satisfactory |
| Ankita | 19-YMCA-911009 | 16/11/2022 | The work done is found satisfactory |
| Komal Gupta | 20-YMCA-911002 | 16/11/2022 | The work done is not satisfactory |
| Tripti | 20-YMCA-911004 | 16/11/2022 | The work done is found satisfactory |
| Sapna | 20-YMCA-911003 | 16/11/2022 | The work done is found satisfactory |
| Ms. Krishna | 14-YMCA-786 | 29/11/2022 | The work done is found satisfactory |
| Ms. Shweta | 19-YMCA-911005 | 29/11/2022 | The work done is found satisfactory |
| Ms. Pooja | 19-YMCA-911003 | 29/11/2022 | The work done is found satisfactory |
| Anita | 18-YMCA-911002 | 29/11/2022 | The work done is found satisfactory |
| Aarti | 19-YMCA-911001 | 29/11/2022 | The work done is found satisfactory |
| Afsana | 18-YMCA-911001 | 29/11/2022 | The work done is found satisfactory |
| Priyanka | 19-YMCA-911010 | 29/11/2022 | The work done is found satisfactory |

Item 14.3: To consider the request of Ms. Anu Bala (21-YMCA-911002) to continue her Ph.D. on part time basis.

The committee is of the opinion that her case may be sent to Director R&D for consideration as the scholar was appointed on a regular government job and wishes to pursue her Ph.D.

Item 14.4: To consider the allotment of new supervisor to Ms. Anjali (17-YMCA-752006) as the supervisor (Dr. Anurag Gaur) of the candidate left the University and the candidate willing to continue her research work.

The committee considers the request of Ms. Anjali Sharma to allot a supervisor from the department in accordance with the Ph.D. ordinance clause no 10 (V) of the University and approves the name of Dr. Maneesha Garg as her new supervisor from the department.

Item 14.5: Any other item with the permission of chair.

To consider the formation of SAC for newly admitted students after the successful completion of course work.

(I) The names of the students are as follows:

| S.No | Name of the Scholar | Roll no |
|------|---------------------|-------------|
| 1 | Shashi Kumar | 22001911008 |
| 2 | Renu Kumari | 22001911007 |
| 3 | Radha | 22001911006 |
| 4 | Mehak | 22001911003 |
| 5 | Nitesh Kumar Rawat | 22001911004 |

For these students the SAC committee comprising of the following members was constituted:

1. Dr. Anuradha Sharma (Chairperson)
2. Dr. Yogendra Arya (Expert from other Department)
3. Dr. Anuj Kumar Arya (Member)
4. Dr. Ompal (Member)
5. Dr. Rashi (Member)

(II)

| S.No | Name of the Scholar | Roll no |
|------|-------------------------|-------------|
| 1 | Puspender Singh Beniwal | 22001911005 |
| 2 | Anju Dagar | 22001911001 |
| 3 | Anjali | 21001911001 |

For these students the SAC committee comprising of the following members was constituted:

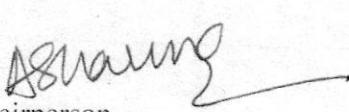
1. Dr. Anuradha Sharma (Chairperson)
2. Dr. Maneesha Garg (Member)
3. Dr. Ravi Dhamija (Expert from other Department)
4. Dr. Parmod Kumar (Member)
5. Dr. Yogita (Member)

(III)

| S.No | Name of the Scholar | Roll no |
|------|---------------------|-------------|
| 1 | Shefali Singh | 22001911009 |

For these students, the SAC committee comprising of the following members was constituted:

1. Dr. Anuradha Sharma (Chairperson)
2. Dr. Sonia (Member)
3. Dr. Munish Vashistha (Expert from other Department)
4. Dr. Parveen Goyal
5. Dr. Arun Kumar


Chairperson
Department of Physics

28.05.02

J. C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD
DEPARTMENT OF MECHANICAL ENGINEERING

Sub: Minutes of DRC meeting held on 1/6/2023 at 11:30 AM in the Conference Hall of the Department of Mechanical Engineering.

Following committee members were present:

| | |
|---|------------------|
| (1) Dr. Arvind Kumar Gupta, Chairman ME | : In chair |
| (2) Dr. Sandeep Grover, Professor | : Member |
| (3) Dr.M.L.Aggarwal, Professor | : Member |
| (4) Dr. Tilak Raj, Professor | : Member |
| (5) Dr. Raj Kumar, Professor | : Member |
| (6) Dr. Vikram singh, Professor | : Member |
| (7)Dr. Hari Om, Professor | : Member |
| (8)Dr. Vasdev Malhotra, Professor | : Member |
| (9) Dr. Sandhya Dixit, Associate Professor | : Member |
| (10) Dr. Sanjeev Goyal, Associate Professor | : Member |
| (11)Dr. Bhupender Singh, Assistance Professor | : Invited Member |
| (12) Dr. Nitin Panwar, Assistant Professor | : Invited Member |

Dr. Vikas Kumar, Dr. Lakwinder Singh and Dr. Sanjeev Kumar, committee members could not attend the meeting.

At the outset, Dr. Arvind Gupta, Chairman welcomed all the members. Thereafter, the agenda items were taken up and after detailed discussion, the following decisions were taken :

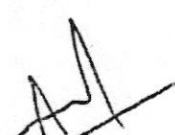
**Item Detail of item
No.**

DRC . To Cancel the PhD admission of following candidates:

/

01 1. Mr. Sachidanand Research Scholar of Dr. Sanjeev Goyal, Associate Professor and Dr. Bhupender Singh, Assistant Professor
2. Mr. Chanderpal, Research Scholar of Dr. Arvind Gupta, Professor and Dr. Nitish Dev, Assistant Professor

After discussion, DRC Committee advise to present this Agenda item in next DRC meeting. DRC members also advise to include the current status of all research scholars of the Mechanical Engineering Department and to list out the name of Ph.D. Scholars for cancellation of PhD registration as per the PhD ordinance, clause 10 (cancellation rules a.s attached).


Chairman
Department of Mechanical Engineering
J C Bose University of Sc. and Tech., YMCA,
Sector-6, Faridabad-121006

10. Cancellation Rules

- (i) If the candidate is not able to submit the fees, the accounts section should send his/her name to the respective department and department will issue a letter to the candidate. If the candidate will not submit fees after two consecutive semesters his/her name may be struck off from the rolls of University after the recommendation of chairman and supervisor.
- (ii) If the candidate fails to submit his/her progress report after every semester, after two consecutive such semesters, DRC may recommend the cancellation of admission.
- (iii) In case two consecutive six monthly reports are unsatisfactory, DRC may recommend for cancellation of the registration.
- (iv) If the supervisor feels that the candidate lacks interest and motivation for research after completion of course work, he can recommend his/her case to the DRC and DRC can recommend for cancellation of admission.

Finally, the Academic Council, on the recommendation of the DRC, may cancel the registration of a research scholar.

DRC To consider the Pre-Ph.D. evaluation report and examiner's list of
 / Mr. Om Parkesh C/o Dr. Arvind Gupta, Professor and Dr. Basant Singh Sikarwar,
 02 Professor

The Pre-PhD committee found that the research work of Mr. Om Parkash is satisfactory, however committee suggested some minor changes. Comments of the Pre-PhD evaluation report were conveyed to candidate. As informed by supervisors suggestions of the committee have been incorporated by Ph.D. scholar. The examiners list of the candidate was received. Committee considered and recommended the list of examiners and Pre-Ph.D. report to next meeting of Board of Studies for approval of thesis writing.

DRC To consider the request of Mr. Abhishek Bhardwaj, Research Scholar (University Roll no. 21001910001, University Registration No. 21-YMCA-910001) admitted with AICTE Doctoral Fellowship, under the supervision of Dr. Raj Kumar, Professor and Dr. Nitin Panwar, Assistant Professor, to convert full time Ph.D. programme into Part time Ph.D. programme of University (Application of candidate is attached)

With reference to application dated 02.05.2023 and e-mail dated 04.04.2023 of Mr. Abhishek Bhardwaj, Research scholar in Mechanical Engineering Department admitted under AICTE Doctoral Fellowship (ADF) Ph.D. Programme, it was informed to the supervisors and Director (R&D) that he has been appointed for the post of Lecturer in Mechanical Engineering in Government Polytechnic Indri, Nuh and joined on 29.03.2023 (Joining report enclosed). In his application, the research scholar has requested to convert full time ADF Ph.D. programme into Part time Ph.D. programme.

It is being informed further that:

1. Mr. Abhishek enrolled on November 2, 2021 as research scholar in ADF and has completed his course work in semester examination held in March, 2022 with a CGPA

of 9 out of 10 under University Registration No. 21-YMCA-910001.

2. His Ph.D. registration was done on December 2, 2022 with reference No. R&D/2022/84 with topic of research "An Experimental Investigation and Performance Analysis of Passive Pyramid Solar Still" under the supervision of Dr. Raj Kumar, Professor, Department of Mechanical Engineering, J.C. Bose UST and co-supervisor Dr. Nitin Panwar, Assistant Professor, Department of Mechanical Engineering, J.C. Bose UST.
3. He has completed 16 months and 26 days (from November 2, 2021 to March 28, 2023) as research scholar and his research work is in progress.
4. He presented a research paper entitled "Recent Modification in Design of solar still for enhancing productivity and efficiency: A Review" in the *International Conference on Advances in Power Generation, Renewable Energy and Sustainable Development* (APGRES-2023) dated 03 February 2023.
5. Manuscript Number: RSER-D-23-01103 entitled "Influence of wick material, pyramid shape and phase change material on performance enhancement of solar stills- A Review" in international journal *Renewable & Sustainable Energy Reviews* is in editor hand and was submitted on 16 March 2023.
6. He has joined as Lecturer in Mechanical Engineering in Government Polytechnic Indri, Nuh on 29.03.2023.

The extract of University Research Policy document mentioning about subject under consideration is enclosed herewith and reproduced here as:

"A full time Ph.D. program may be converted to a part time program at the completion of minimum two years. No scholarship will be provided on part time conversion."

After discussion, DRC members recommended following:

- To forward the case to Research and Development Cell for considering the request of student keeping in view the future of student. This case may be considered as a special case.
- The committee also mentioned that for any financial implication of Scholarship received from AICTE shall be borne by student.

DRC/ 04 To inform the DRC members about the Ph.D. presentation and Half-Yearly report submission for the session " September 2022 to February 2023", was held on 10.5.23.

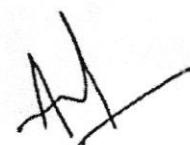
The following candidates were present for half-yearly progress report presentation:

| S.no | Name of Research Scholar | Registration no. | Topic of Research | Name of Supervisor | Name of Co-supervisor with affiliation |
|------|--------------------------|---------------------|--|--------------------|--|
| 1 | Vimlesh ojha | YMCAUST/PHME03/2020 | Data Driven Decision Making in Advance Manufacturing | Dr. Sanjeev Goyal | Dr. Mahesh Chand |

| | | | Systems | | |
|---|-------------------------|---------------|---|-----------------|--------------------|
| 2 | Mr. Nitin kumar Chauhan | 19 YMCA910006 | System Integration With Digital Supply Chain Management | Dr. Vikas Kumar | Dr. Sandhya Dixit |
| 3 | Mr. Praveen | 11-YMCAU-640 | Investigating the Properties of 3D Printed Thermosetting Reinforced Thermoplastic composite | Dr. Rajeev Saha | Dr. Sandeep Grover |
| 4 | Mr. Kapil Dev | 19 YMCA910005 | Mechanical and Tribological Analysis of Friction Stir Welded Joints of Dissimilar Metal | Dr. Hari Om | Dr. Tilak Raj |

DRC members noted the same.

The meeting ended with vote of thanks to the chair.



- (f) The unspent balance, if any, out of the contingency grant of the previous year will not be carried forward to the next year at any cost.
- (g) The grant will be released in the installments in a year i.e. at the rate of Rs. 1500/- half yearly on submission of the bills duly recommended and certified by the Supervisor and the Chairperson of the Department concerned. The bills of each installment will be accepted in the same period for which the grant has been allocated.

✓ A full time Ph.D. program may be converted to a part time program at the completion of minimum two years. No scholarship will be provided on part time conversion.

7. Part time Ph.D. for sponsored candidates

A part time PhD program will be for candidates with minimum 15 years of experience in reputed industry / organization having R & D facilities, Govt. R&D Departments / National Research Laboratories / Units of Government / Quasi Government / Public sector etc. **Separate guidelines will be issued for these seats.**

8. Enrollment

- (i) The enrollment to Ph.D. programmes in the teaching departments shall be made once/twice a year through the entrance test conducted by the Controller of Examination. The cut-off date for this will be decided on year to year basis. The applications in the prescribed form shall be submitted by candidates to the Academic section.
- (ii) The number of vacancies in various departments will be given on university website and mention of the same will be made in the admission notices for information of the candidates. At the time of notifying the vacancies in newspapers, the number of vacancies for registration shall be indicated course wise. The eligible candidate shall apply for admission in the prescribed form downloadable from the university website.

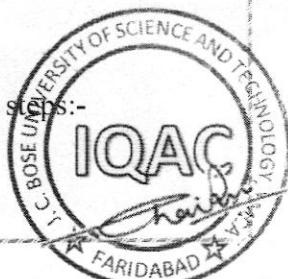
Duration of the Programme:

- (i) Ph.D. programme shall be for a minimum duration of three years, including course work and a maximum of six years.
- (ii) The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of one year for M.Phil and two years for Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of M.Phil/Ph.D. for up to 240 days.

9. Procedure for Admission

The procedure for admission to Ph.D. programme shall consist of the following steps:-

Approved in 20th Academic Council Meeting dated 31/08/2020



KUK

28.06.01

(Annexure-A (Page 1-2)

Rules for Inspection/Supply of Photocopy of answer-book.

(Clause 25.4 of the Prdomamce-General rules for Examaminations appearing at Page No.677 of K.U. Calender Volumer-II 2014 approved by the Executive Council from time to time.

1. The prescribed fees for Inspection/Supply of certified photocopy of Answer-book has been indicated in the applicationform. No fee is required from BPL candidates. However, they shall have to submit a proof of BPL.
2. While applying for the inspection/certified photocopy of the evaluated/re-evaluated answer-book, the applicant examinee shall have to submit photocopy of his/her University examinations Roll No. and one photo duly attested by him/her for proper identification to establish his/her identity to ascertain that the answer book pertains to the examinee.
3. Only the bonafide examinee can apply for inspection/certified photocopy of his/her evaluated/re-evaluated answer book, which shall be provided to the applicant examinee within 30 days and under no circumstances to any other person. Provided that no Answer-book will be supplied after 6 months from the declaration of main result.
4. If the student has applied for re-evaluation of his/her answer book then in that case the inspection/certified photocopy of the answer book will be supplied only after the process of re-evaluation is completed in all manners.
5. While allowing the inspection/certified photocopy of the answer book, no disclosure of name of the examiner/head examiner/Co-ordinator and/or identity number/code number will be made to the applicant examinee.
6. The Photo/Xerox copy of evaluated/re-evaluated so obtained by the examinee shall be for his/her exclusive and relevant use. Neither the said examinee nor any other person can use the said copy to dispute or challenge the quality of assessment or quantum of marks assigned to the answers therein.
7. After getting the certified photocopy of answer book of the evaluated/re-evaluated answer book, if any discrepancy of the following nature:
 - (i) mistake in totaling of marks
 - (ii) Unmarked questions

is pointed out by the student within 15 days of the receipt of copy then the Secrecy/Re-evaluation Branch will rectify the same without charging any further fee from the applicant examinee as the case may be.

8. On receipt of certified photocopy of evaluated/re-evaluated answer book the applicant examinee shall be the sole custodian of it and under no circumstances the examinee shall part with the custody/possession of the same and also shall not misuse the same.
9. A candidate who is desirous of applying for Inspection/Supply of certified photocopy of Answer-book shall have to download the prescribed Application Form from the website www.kuk.ac.in of the University and submit the same to the designated officer.

Explation-I Applying for inspection/certified photocopy of evaluated answer book under these rules and applying for re-evaluation will be two independent processes.

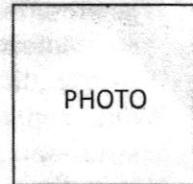
Explation-II Incomplete application shall be straight way rejected.

**APPLICATION FORM FOR INSPECTION/CERTIFIED PHOTOCOPY OF
ANSWER-BOOK**

Annexure-I

To

The Asstt./Dy. Registrar (Secrecy/Re-evaluation/Chairperson),
Dept. of _____
Kurukshetra University,
Kurukshetra.



Affix self-attested photo

1. Name of the Applicant.....
2. Address.....
3. Detail about Answer-book of which Inspection or Certified photocopy is required:
 - a) Month of Examination.....
 - b) Class.....
 - c) Subject..... Paper.....
 - d) Roll No.....
4. State whether Inspection or Certified photocopy is required.....
5. Attach proof of BPL, if applicable otherwise write Not Applicable (N.A.).....
6. A fee of Rs.....has been deposited vide OBC Scroll No/B.D./IPO.....
Dated.....or a Demand draft No.....dated.....
for Rs.....drawn on.....(name of the Bank)
in favour of the Registrar, Kurukshetra University, Kurukshetra is enclosed.

Note:-

- 1) Incomplete application shall be rejected straight way.
- 2) Fee for supply of certified photocopy of evaluated/re-evaluated per answer-book is Rs.500/-.
- 3) Fee for Inspection of evaluated/Re-evaluated per answer-book is Rs.100/-.
- 4) BPL candidate need not pay any fee.
- 5) Copy of Roll No.slip/Identity Card etc. as I.D. proof must be attached.

Signature of the Applicant

Enclosure:

Place : _____
Date : _____

Address:.....

.....
.....

Tel. No./Mobile No.

Guidelines for Inspection and Supply of Photocopy of Evaluated Answer Sheets

14.1 A candidate will be permitted to see his/her evaluated/ re-evaluated answer book(s) for identification only, if his/her application alongwith prescribed fees per answer book reaches the University within 15 days of the date of dispatch of Detailed Marks Card.

14.2 These rules may be called the Deenbandhu Chhotu Ram University Mурthal, Sonipat (Supply of Photo Copies of Evaluated Answer Books) Rules, 2017.

(i) These rules shall be deemed to have come into force with effect from the date of their approval by the Academic Council in its 12th meeting held on 13.02.2018.

(ii) A candidate who has appeared in a University examination shall be entitled to apply for photocopy/photocopies of such answer book(s) as may be required by him/her within 30 days of the declaration of his/her result. No such application form in this behalf shall be entertained by the University after the expiry of the stipulated period on any pretext or ground whatsoever.

(iii) A candidate, who is desirous of applying for supply of photocopy/copies of answer book, shall have to download the prescribed application form from the website of the University and submit the same to the designated officer within the stipulated period duly recommended by the Chairperson of concerned Deptt. or Director/Principal of concerned Affiliated Institute.

(iv) No application for supply of photocopy/ copies of answer book(s) shall be entertained unless it is accompanied by fees as may be prescribed by the Academic council form time to time, with the University Cashier or by Demand Draft drawn in favour of the Registrar, Deenbandhu Chhotu Ram University of Science & Technology, Mурthal, Sonipat. However, no such application form shall be entertained unless it is sent through speed post to the Secrecy Branch, Deenbandhu Chhotu Ram University Mурthal, Sonipat or deposited with him personally on all working days within the stipulated period.

(v) Notwithstanding the provision contained in rule (iii) & (iv) above, no photocopy/copies of answer book(s) shall be given to any third party, including any institution/college or to the print/electronic media for display or for commercial use or for any other purpose whatsoever.

(vi) Any dispute as to whether any such application form has been received within the time limit prescribed by the University or not shall be decided by the Vice-Chancellor, whose decision shall be final.

(vii) The university shall be liable to provide photocopy/copies of the answer book(s) within 30 days after the receipt of the application form and undertaking unless it is not possible to do so for any unforeseeable reason, beyond the control of the university. In such a case, the university shall inform the applicant explaining the reason for delay or for it's inability to provide the photocopy/copies of the answer book(s) not beyond 45 days of the receipt of

the application form.

(viii) No photocopy/ copies of the answer book(s) shall be given to the applicant unless all identification marks, such as the name of the Examiner/Evaluator or any other official associated with the examination is properly eclipsed/ defaced beyond recognition.

(ix) The applicants shall have to furnish an undertaking in the prescribed format (Available in the University website) that neither he/she nor any other person acting on his/her behalf, shall challenge the standard of evaluation or in any manner, misuse or allow to be misused the photocopy/ copies of the answer book(s). It shall, however, be open to them to point out discrepancies in totaling of marks, unmarked questions or part thereof or similar other error, if any, within 10 days of the receipt of photocopy/copies of answer book(s).

(x) The applicant shall be entitled to seek re-checking of the marks on the basis of the photocopy/ copies of the answer book(s). However, no representation or request whatsoever other than those relating correction in totaling error or unmarked question(s) or part thereof shall be entertained. In order to remove any doubt/ambiguity. It is further provided that no request for re-evaluation of answer books shall be entertained under these rules, under any circumstance.

(xi) Notwithstanding any other provision contained in any part of the University Rules, the decision taken by the competent authority of the University in respect of marks/grade awarded shall be final and binding on the candidate concerned.

28.07.01

Date: 7/6/2023

Sub: Minutes of the R&D Policy making committee meeting

Reference: To consider the possibility of assigning the teaching load to University Research Scholars as per the 26th Academic Council meeting item no AC/26/09

A meeting was held on 7/6/2023 at 12.15 PM to discuss the matter regarding allocation of un-allotted teaching load to full time Ph.D. scholars. Following members were present:

| | |
|----------------------|--------------------|
| 1. Dr. C.K. Nagpal | 3. Dr. Sunil Kumar |
| 2. Dr. Maneesha Garg | 4. Dr. Sonia Hooda |

The committee went UGC recommendations in its document on "Promoting and Improving the Quality of Research in Indian Universities/colleges" and IIT schemes and observed as follows:

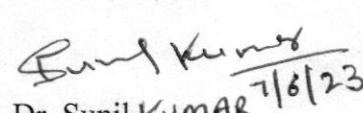
1. Teaching Assistantship (TA) may be incorporated as a part of Doctoral Program in which research scholar who has completed qualifying examination (successfully presented his/her research proposal in DRC) may be engaged in teaching program upto maximum of 3-4 class hours per week (assisting in laboratory). This would prepare them for their career after Ph.D. (UGC recommendations attached, Annexure I)
2. UGC guidelines for "Minimum standards and procedure for award of Ph.D. degree 2022", clause number 9(2), also recommends that 4-6 hours per week of teaching assistantship for conducting tutorial/laboratory work and evaluations may be assigned to scholars (copy enclosed, Annexure II)
3. After studying the schemes of different IITs it was observed that these kinds of programs are also run many IITs to promote research. (Schemes of different IITs attached, Annexure III).

After considering the above points, the committee is of the view that

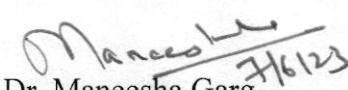
- a. Those Research Scholars, who are not getting any kind of scholarship, may be given teaching Assistantship with a maximum load of 6-8 hours/week (Laboratory load only).
- b. A honorarium of Rs. 500/hour to the maximum of Rs.12000/month may be given.
- c. Funds for TA may be utilised from research funds/ SFS funds.



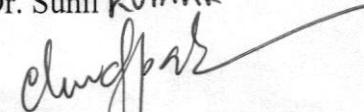
Dr. Sonia Hooda



Dr. Sunil Kumar



Dr. Maneesha Garg



Dr. C.K. Nagpal



विश्वविद्यालय अनुदान आयोग
University Grants Commission
 (मानव संसाधन विकास मंत्रालय, भारत सरकार)
 (Ministry of Human Resource Development, Govt. of India)
 बहादुरशाह झाफर मार्ग, नई दिल्ली-110002
 Bahadur Shah Zafar Marg, New Delhi-110002

F. No. 1-12/2018(QIP-Quality Research)

31st July, 2019

PUBLIC NOTICE

UGC has constituted a Committee on "Promoting and Improving the Quality of Research in Indian Universities /Colleges". The Committee has submitted its report which has two parts:

- i. Improving the Quality of Research by Faculty and Creation of New Knowledge and Strategies for Improving Research Culture in Colleges/Universities.
- ii. Proposed UGC (Minimum Standards and Procedures for award of M.Phil./Ph.D. degrees) Regulations.

The report of the committee is attached herewith.

UGC invites feedback/suggestions from the stakeholders on the report **latest by 16.08.2019** on promotingresearch1@gmail.com.

(Prof. Rajnish Jain)
Secretary

and where unlike in the Sciences active professional societies that encourage student participation do not exist.

- vii. **Fellowships for Ph.D. Scholars for Self-financed/ Minimal financial support on a Competitive Basis:** Presently a limited number of students nation-wide qualify for financial support under CSIR/UGC-JRF NET examination and other sources both governmental and institutional. A large number of Ph.D. scholars are provided minimal support or are self-financed. UGC should consider introducing a new scheme which will evaluate students who have already completed 1 to 2 years of research on a competitive basis for providing fellowship support for 2 to 3 more years.
- viii. **Teaching Assistantship as Part of Doctoral Program:** Research scholars who have completed qualifying examination may be encouraged to participate in teaching program up to a maximum of 3-4 class hours per week (classes, assisting in laboratory, tutorials and make-up classes). This would prepare them for their career after Ph.D.¹⁰

Specific measures for promotion of high quality research

- i. **Creation of Social Sciences/Humanities Research Board:** For research in the physical and natural sciences in India a great deal of funding comes from the Ministry of Science and Technology. In contrast, the social sciences/humanities do not receive such organized research funding from the government. The committee recommends that the UGC take the initiative in creating a Social Sciences/Humanities Research Board, which should function autonomously, under the umbrella of the UGC and obtain a special budgetary allocation for this purpose. The members of this board must be senior professors, national awardees and academics with proven track record of high-quality publications in the field. Regional representation will be useful. The Board may introduce special initiatives which promote inter-university collaborations along the lines of existing inter-university centers set-up in specialized areas of science.
- ii. **Performance Based Strengthening CAS, DSA and UPE:** The committee recommends that the UGC Centre for Advanced Studies (CAS) scheme should focus on encouraging groups working in subject-specific areas, while the Department of Special Assistance (DSA) can be more broad-based. Historically, these schemes have proved to be very useful for enhancing quality of research in several Universities. Universities with potential for excellence (UPE) is also another successful program of the UGC. These programs need to be continued and strengthened further. More funds for inducting excellent quality manpower may be provided under these programs. **Performance-based strengthening of CAS/DSA/UPE programs will be critical in enhancing research quality in university departments which have performed well in the past.**
- iii. **Inter-Institutional Collaboration:** The committee recommends that a new scheme be introduced by the UGC, which will provide funding for major research

¹⁰ National Knowledge Commission (2006-2009) <https://www.aicte-india.org/downloads/nkc.pdf#toolbar=0> accessed on 04 June 2019.

17. इनफिलबनेट के साथ डिपॉजिटरी— पीएच.डी. उपाधि(यों) को अवार्ड करने हेतु मूल्यांकन प्रक्रिया के सफल समापन के पश्चात् तथा पीएच.डी. उपाधि को प्रदान किये जाने की घोषणा से पूर्व, संबंधित उच्चतर शिक्षण संस्थान पीएच.डी. शोध प्रबंधन की इलेक्ट्रॉनिक प्रति इनफिलबनेट के पास प्रदर्शित (होस्ट) करने के लिए जमा करेगा ताकि सभी उच्चतर और अनुसंधान संस्थानों को यह सुलभ हो।

रजनीश जैन, सचिव

[विज्ञापन-III/4/असा./367/2022-23]

**UNIVERSITY GRANTS COMMISSION
NOTIFICATION**

New Delhi, the 7th November, 2022

University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree)

Regulations, 2022

No. F. No. 1-3/2021(QIP).—In exercise of the powers conferred by clauses (f) and (g) of sub-section (1) of section 26 of the University Grants Commission Act, 1956 (3 of 1956), and in supersession of the UGC (Minimum Standards and Procedure for Awards of M.Phil. /Ph.D. Degree) Regulations, 2016 and its amendments, the University Grants Commission hereby makes the following Regulations, namely: -

1. Short title, Application, and Commencement. —

(1) These Regulations may be called University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2022.

(2) They shall apply to every university established or incorporated by or under a Central Act, a Provincial Act, or a State Act, every college, and every institution deemed to be a University under section 3 of the University Grants Commission Act, 1956.

(3) They shall come into force from the date of their publication in the Gazette of India.

2. Definitions.- (1) In these Regulations, unless the context otherwise requires,-

a) "Act" means the University Grants Commission Act, 1956 (3 of 1956);

b) "Adjunct Faculty" means a part-time or contingent instructor, but not full-time faculty member hired to teach by a Higher Educational Institution;

c) "Cumulative Grade Point Average (CGPA)" means a measure of the overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places;

d) "Credit" means the number of hours of instruction required per week over the duration of a semester. A three-credit course in a semester means three one-hour lectures per week, with each one-hour lecture counted as one credit;

e) "College" means an institution engaged in higher education and/or research, either established by a University as its constituent unit or is affiliated with it;

f) "Commission" means the University Grants Commission established under Section 4 of the UGC Act 1956;

g) "Course" means one of the specified units which go to comprise a programme of study;

h) "Course Work" means courses of study prescribed by the School/Department/ Centre to be undertaken by a student registered for the Ph.D. Degree;

i) "Degree" means a degree awarded by a Higher Educational Institution in accordance with the provisions of section 22 (3) of the Act;

j) "External examiner" means an academician/researcher with published research work who is not part of the Higher Educational Institution where the Ph.D. scholar has registered for the Ph.D. programme;

k) "Foreign Educational Institution" means—(i) an institution duly established or incorporated in its home

country and offering educational programmes at the undergraduate, postgraduate and higher levels in its home country and (ii) which offers programme(s) of study leading to the award of a degree through conventional face-to-face mode, but excluding distance, online, ODL mode;

- l) "Grade Point" means a numerical weight allotted to each letter grade on a 10-point scale;
- m) "Guide/Research Supervisor" means an academician/researcher recognized by Higher Educational Institution to supervise the Ph.D. scholar for his/her research;
- n) "Higher Educational Institution" means a university or institution specified under clause 2 of Regulation 1 of these Regulations;
- o) "Interdisciplinary Research" means research conducted by a Ph.D. scholar in two or more academic disciplines;
- p) "Open and Distance Learning Mode" shall have the same meaning as defined under the UGC(Open and Distance Learning Programmes and Online Programmes) Regulations 2020;
- q) "Online Mode" shall have the same meaning as defined under the UGC (Open and Distance Learning Programmes and Online Programmes) Regulations 2020;
- r) "Plagiarism" means the practice of taking someone else's work or idea and passing them as one's own;
- s) "Programme" means a higher education programme pursued for a degree specified by the Commission under sub-section (3) of section 22 of the Act;
- t) "Prospectus" means any document, whether in print or otherwise, issued for providing fair and transparent information relating to a Higher Educational Institution and programmes, to the general public (including to those seeking admission in such Higher Educational Institutions) by the Higher Educational Institutions;
- u) "Research Proposal" means a brief write-up giving an outline of the proposed research work which the Ph.D. scholar shall submit along with the application for registration for Ph.D. programme;
- v) "University" means a Higher Educational Institution established or incorporated by or under a Central Act, a Provincial Act, or a State Act, and shall include any institution for higher education deemed to be a University under Section 3 of the Act.

(2) Words and expressions used and not defined in these Regulations but defined in Act and not consistent with these Regulations shall have the meanings assigned to them in that Act.

3. Eligibility criteria for admission to the Ph.D. Programme.—The following are eligible to seek admission to the Ph.D. programme:

(1) Candidates who have completed:

- i. A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed

or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

(2) Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its

equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.

4. Duration of the Programme.- (1) Ph.D. Programme shall be for a minimum duration of three

(3) years, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.

(2) A maximum of an additional two (2) years can be given through a process of re-registration as per the Statute/Ordinance of the Higher Educational Institution concerned; provided, however, that the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission in the Ph.D. programme.

Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.

(3) Female Ph.D. Scholars may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D. programme.

5. Procedure for admission. -

(1) The admission shall be based on the criteria notified by the institution, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory/regulatory bodies concerned, and taking into account the reservation policy of the Central/State Government from time to time.

(2) Admission to the Ph.D. programme shall be made using the following methods:

i. HEIs may admit students who qualify for fellowship/scholarship in UGC-NET/UGC- CSIR NET/GATE/CEED and similar National level tests based on an interview.

And/or

ii. HEIs may admit students through an Entrance Test conducted at the level of the individual HEI. The Entrance Test syllabus shall consist of 50% of research methodology, and 50% shall be subject-specific.

iii. Students who have secured 50 % marks in the entrance test are eligible to be called for the interview.

iv. A relaxation of 5 % marks will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC/differently-abled category, Economically Weaker Section (EWS), and other categories of candidates as per the decision of the Commission from time to time.

v. HEIs may decide the number of eligible students to be called for an interview based on the number of Ph.D. seats available.

vi. Provided that for the selection of candidates based on the entrance test conducted by the HEI, a weightage of 70 % for the entrance test and 30 % for the performance in the interview/viva- voce shall be given.

(3) Universities and Colleges which are eligible to conduct Ph.D. programmes, shall:

i. Notify a prospectus well in advance on the institution's website specifying the number of seats for admission, subject/discipline-wise distribution of available seats, criteria for admission, the procedure for admission, and all other relevant information for the candidates;

ii. Adhere to the National/State-level reservation policy, as applicable.

(4) The Higher Educational Institution shall maintain a list of Ph.D. supervisors (specifying the name of the supervisor, his or her designation, and the department/school/centre), along with the details of Ph.D. scholars (specifying the name of the registered Ph.D. scholar, the topic of his/her research and the date of

admission) admitted under them on the website of the institution and update this list every academic year.

6. Allocation of Research Supervisor.— Eligibility criteria to be a Research Supervisor, Co-Supervisor, Number of Ph.D. scholars permissible per supervisor, etc.

- (1) Permanent faculty members working as Professor/Associate Professor of the Higher Educational Institution with a Ph.D., and at least five research publications in peer-reviewed or refereed journals and permanent faculty members working as Assistant Professors in Higher Educational Institutions with a Ph.D., and at least three research publications in peer-reviewed or refereed journals may be recognized as a Research Supervisor in the university where the faculty member is employed or in its affiliated Post-graduate Colleges/institutes. Such recognized research supervisors cannot supervise research scholars in other institutions, where they can only act as co-supervisors. Ph.D. awarded by a university under the supervision of a faculty member who is not an employee of the university or its affiliated Post- graduate Colleges/institutes would be in violation of these Regulations.

For Ph.D. scholars working in Central government/ State government research institutions whose degrees are given by Higher Educational Institutions, the scientists in such research institutions who are equivalent to Professor/Associate Professor/Assistant Professor can be recognized as supervisors if they fulfill the above requirements.

Provided that in areas/disciplines where there is no, or only a limited number of peer-reviewed or refereed journals, the Higher Educational Institution may relax the above condition for recognition of a person as Research Supervisor with reasons recorded in writing.

Co-Supervisors from within the same department or other departments of the same institution or other institutions may be permitted with the approval of the competent authority.

Adjunct Faculty members shall not act as Research Supervisors and can only act as co-supervisors.

- (2) In case of interdisciplinary/multidisciplinary research work, if required, a Co-Supervisor from outside the Department/School/Centre/College/University may be appointed.
- (3) An eligible Professor/Associate Professor/Assistant Professor can guide up to eight (8) / six (6) / four (4) Ph.D. scholars, respectively, at any given time.
- (4) In case of relocation of a female Ph.D. scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the Higher Educational Institution to which the scholar intends to relocate, provided all the other conditions in these Regulations are followed, and the research work does not pertain to a project sanctioned to the parent Institution/Supervisor by any funding agency. Such scholar shall, however, give due credit to the parent institution and the supervisor for the part of research already undertaken.
- (5) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.

7. Admission of International students in Ph.D. programme.—

- (1) Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars as specified in clause 6.3 above.
- (2) The HEIs may decide their own selection procedure for Ph.D. admission of international students keeping in view the guidelines/norms in this regard issued by statutory/regulatory bodies concerned from time to time.
8. At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor or a co-supervisor, shall not exceed the number prescribed in clause 6.3 and clause 7.1.

9. Course Work.- Credit requirements, number, duration, syllabus, minimum standards for completion, etc.

- (1) The Credit requirement for the Ph.D. coursework is a minimum of 12 credits, including a “Research and Publication Ethics” course as notified by UGC vide D.O. No. F.1- 1/2018(Journal/CARE) in 2019 and a research methodology course. The Research Advisory Committee can also recommend UGC recognized online courses as part of the credit requirements for the Ph.D. programme.
- (2) All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education /pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.

(3) A Ph.D. scholar must obtain a minimum of 55% marks or its equivalent grade in the UGC 10-point scale in the course work to be eligible to continue in the programme and submit his or her thesis.

10. Research Advisory Committee and its Functions.— (1) There shall be a Research Advisory Committee or an equivalent body as defined in the Statutes/Ordinances of the Higher Educational Institution concerned for each Ph.D. scholar. The Research Supervisor of the Ph.D. scholar concerned shall be the Convener of this committee, and this committee shall have the following responsibilities:

- i. To review the research proposal and finalize the topic of research.
- ii. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.
- iii. To periodically review and assist in the progress of the research work of the Ph.D. scholar.

(2) Each semester, a Ph.D. scholar shall appear before the Research Advisory Committee to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance. The Research Advisory Committee shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the Higher Educational Institution concerned. A copy of such recommendations shall also be provided to the Ph.D. scholar.

(3) In case the progress of the Ph.D. scholar is unsatisfactory, the Research Advisory Committee shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the Research Advisory Committee may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.

11. Evaluation and Assessment Methods, minimum standards/credits for award of the degree,etc.:-

- (1) Upon satisfactory completion of course work and obtaining the marks/grade prescribed in clause (3) of Regulation 9 above, the Ph.D. scholar shall be required to undertake research work and produce a draft dissertation/thesis.
- (2) Before submitting the dissertation/thesis, the Ph.D. scholar shall make a presentation before the Research Advisory Committee of the Higher Educational Institution concerned, which shall also be open to all faculty members and other research scholars/students.
- (3) The Higher Educational Institution concerned shall have a mechanism using well-developed software applications to detect Plagiarism in research work and the research integrity shall be an integral part of all the research activities leading to the award of a Ph.D. degree.
- (4) A Ph.D. scholar shall submit the thesis for evaluation, along with (a) an undertaking from the Ph.D. scholar that there is no plagiarism and (b) a certificate from the Research Supervisor attesting to the originality of the thesis and that the thesis has not been submitted for the award of any other degree/diploma to any other Higher Educational Institution.
- (5) The Ph.D. thesis submitted by a Ph.D. scholar shall be evaluated by his/her Research Supervisor and at least two external examiners who are experts in the field and not in employment of the Higher Educational Institution concerned. Such examiner(s) should be academics with a good record of scholarly publications in the field. Wherever possible, one of the external examiners should be chosen from outside India. The viva-voce board shall consist of the Research Supervisor and at least one of the two external examiners and may be conducted online. The viva-voce shall be open to the members of the Research Advisory Committee/faculty members/research scholars, and students. Higher Educational Institutions may formulate appropriate rules/ordinances to effect the provisions of this Regulations.
- (6) The viva-voce of the Ph.D. scholar to defend the thesis shall be conducted if both the external examiners recommend acceptance of the thesis after incorporating any corrections suggested by them. If one of the external examiners recommends rejection, the Higher Educational Institution concerned shall send the thesis to an alternate external examiner from the approved panel of examiners, and the viva-voce examination shall be held only if the alternate examiner recommends acceptance of the thesis. If the alternate examiner does not recommend acceptance of the thesis, the thesis shall be rejected, and the Ph.D. scholar shall be declared ineligible for the award of a Ph.D.
- (7) The Higher Educational Institution concerned shall complete the entire process of evaluating a Ph. D. thesis, including the declaration of the viva-voce result, within a period of six (6) months from the date of submission of the thesis.

12. Academic, research, administrative, and infrastructure requirements to be fulfilled by Colleges for getting recognition for offering Ph.D. programmes.:-

- (1) Post-graduate Colleges offering 4-year Undergraduate Programmes and/or Post-graduate Programmes, may offer Ph.D. programmes, provided they satisfy the availability of eligible Research Supervisors, required infrastructure, and supporting administrative and research facilities as per these Regulations.
- (2) Colleges and research institutions established by the central government or a State government whose degrees are awarded by Higher Educational Institutions shall offer Ph.D. programmes provided they have:
 - i. At least two faculty members in a college or two Ph.D.-qualified scientists in the research institution.
 - ii. Adequate infrastructure, administrative support, research facilities and library resources as specified by the HEI.

13. Ph.D. through Part-time Mode-

- (1) Ph.D. programmes through part-time mode will be permitted, provided all the conditions stipulated in these Regulations are fulfilled.
- (2) The Higher Educational Institution concerned shall obtain a "No Objection Certificate" through the candidate for a part-time Ph.D. programme from the appropriate authority in the organization where the candidate is employed, clearly stating that:
 - i. The candidate is permitted to pursue studies on a part-time basis.
 - ii. His/her official duties permit him/her to devote sufficient time for research.
 - iii. If required, he/she will be relieved from the duty to complete the course work.
- (3) Notwithstanding anything contained in these Regulations or any other law, for the time being in force, no Higher Educational Institution or research institution of the Central government or a State Government shall conduct Ph.D. programmes through distance and/oronline mode.

14. **Grant of M.Phil. Degree.**- Higher Educational Institutions shall not offer the M.Phil.(Master of Philosophy) programme.
15. **Issuing a Provisional certificate.**-Prior to the actual award of the Ph.D. degree, the degree- awarding Higher Educational Institution shall issue a provisional certificate to the effect that the Ph.D. is being awarded in accordance with the provisions of these Regulations.
16. **Award of Ph.D. degrees prior to Notification of these Regulations.**- Award of degrees to candidates registered for the Ph.D. programme on or after July 11, 2009, till the date of Notification of these Regulations shall be governed by the provisions of the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or the UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations, 2016 as the case may be. Further, the award of degrees to candidates already registered and pursuing Ph.D. shall be governed by these Regulations or UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2016. Nothing in these Regulations shall impact the M.Phil. degree programmes commencing prior to the enactment of these Regulations.
17. **Depository with INFLIBNET.**- Following the successful completion of the evaluation process and before the announcement of the award of the Ph.D. degree(s), the Higher Educational Institution concerned shall submit an electronic copy of the Ph.D. thesis to INFLIBNET, for hosting the same so as to make it accessible to all the Higher Educational Institutions and research institutions.

RAJNISH JAIN, Secy.

[ADVT.-III/4/Exty./367/2022-23]

For SC/ST/PwD category

- (f) a minimum of 55% marks in aggregate, OR
- (g) a First Class as specified by the University, OR
- (h) a minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 5.5 on the scale of 0-10, OR
- (i) an equivalent to 5.5 on other corresponding proportional requirements when the scales are other than 0-10.
- (j) For master's or equivalent degree in Arts/Commerce (or allied subjects, a minimum of 50% marks will be considered for admission to the Ph.D. programmes offered ONLY by Department of Humanities & Social Sciences.

A.5.2) All Bachelor's degree undergraduate course leading to a Bachelor's, Integrated Master's or Bachelor-Master Dual Degree in Engineering, Sciences or Architecture offered by IITs (admitted through JEE) having a CGPA/CPI score of 8.00 (on 10 scale) and above from an Indian Institute of Technology or any of the CFTIs is exempted from the requirement of a valid GATE score for the consideration of General Eligibility Requirement for admission.

In addition to general eligibility criterion, the applicants must also satisfy the eligibility criteria specified for the respective Departments / Centres / Schools / Interdisciplinary Groups.

Over and above the general eligibility criteria for admission, candidates need to satisfy additional criteria for financial support / fellowship, as specified under specific admission categories [Please refer section 6.0].

The final selection process to Ph.D. programme to any Departments / Centres / Schools / Interdisciplinary Groups at IIT Bombay will be through written test and/or interview as specified by individual Department / Centre / Schools / Interdisciplinary Groups.

A.6) APPLICATION CATEGORIES AND FINANCIAL SUPPORT

A.6.1) Teaching Assistantship (TA) [Financial support as per MHRD norm]

A candidate, selected for the Ph.D. Programme, at IIT Bombay will be eligible for the financial support under the TA category subject to the fulfilment of any one of the following three criteria.

- (i) M.Tech./M.E. or an equivalent degree as the qualifying degree,
- (ii) M.B.A (with B.Tech./ B.E. or an equivalent an degree) as the qualifying degree,
- (iii) B.Tech./B.E./M.Sc./M.A./M.Com. or an equivalent degree as the qualifying degree

AND

a valid GATE/JEST (for Physics) score or a valid Junior Research fellowship (JRF) award letter from UGC/CSIR/NBHM/DBT/ or a national eligibility test /UGC NET including lectureship (assistant professorship)

A B.Tech./B.S./B.E. (or equivalent) degree from any Indian Institute of Technology (IIT) with a CGPA/ CPI score of 8.00 (on 0-10 scale) and above is exempted from the mandatory requirement of a valid GATE score.

The assistantship is payable for a maximum duration of 5 years or up to the thesis submission, whichever is earlier. The monthly rate of assistantship is Rs. 31,000/ for the first 2 years and enhanced rate of Rs. 35,000/ for the remaining period.

Ph.D.

| Last qualification | Total Period Fellowship (Maximum Duration) | Amount of Fellowship |
|---|--|---|
| B.E./B.Tech./B.Arch./B.Sc.(Engg.)/M.Sc./MA or equivalent with GATE or National Level Test conducted by CSIR, UGC, NBHM etc. For SJMSOM-B.Sc./B.Com. and M.B.A. | | @ Rs. 31000/- p.m. for 1 st two years. |
| M.E./M.Tech./M.Arch./M.Sc. Tech (Engg) or equivalent. M.B.B.S. With one year internship with GATE or AIIMS/MCI for MD/MS (For Medical graduates) For SJMSOM- B.E./B.Tech. and M.B.A. | Five years from date of joining till date of submission of Thesis or change of category or cancellation of registration, whichever is earlier. | @ Rs. 35000/- p.m. for remaining years (i.e. 3 rd , 4 th , & 5 th year). On completion of 2 years of fellowship & on receipt of satisfactory report on successful presentation of Progress Seminar, fellowship will be enhanced. |

Ph.D. - Dual Degree (M.Tech./M.Phil. + Ph.D.)

Converted to Ph.D. Programme after successful presentation of Research Proposal and who directly admitted to M.Tech. + Ph.D. Programme

| Programme | Total Period Fellowship (Maximum Duration) | Amount of Fellowship |
|---|--|---|
| TA (M.Tech.) converted to TA (Ph.D.) & TA (M.Tech.) converted to RA (Ph.D.) | Six years, from the date of joining the M.Tech./M.Phil. programme till date of submission of thesis or till date of change of category or till date of cancellation of registration, whichever is earlier. | <p>(i) @ Rs. 12,400/- p.m. (M.Tech./M.Phil.-TA Fellowship) till date of successful presentation of Research Proposal or till 30th June (end of 4th semester), whichever is earlier.</p> <p>(ii) @ Rs. 31000/- p.m. (Ph.D.-TA Fellowship) from the date of research proposal till the end of third year (from the date of joining the M.Tech. Prog.).</p> <p>(iii) @ Rs. 35000/- p.m. (at enhanced rate) for remaining years. (i.e. 4th, 5th & 6th year).</p> |

Ph.D. - Dual Degree (M.Sc. + Ph.D.) : Converted to Ph.D. Programme after successful completion of course credit requirement of M.Sc.

| Programme | Total Period Fellowship (Maximum Duration) | Amount of Fellowship |
|----------------------------|--|---|
| Dual Degree (M.Sc. + Ph.D) | Seven years, from date of joining prog. till date of Submission of Thesis or change of category or Cancellation of Registration, whichever is earlier. | <p>@ Rs. 6000/ p.m. for 1st two years (during the M.Sc. Prog.)</p> <p>@ Rs. 31000/- p.m. After completion of course credit requirement of M.Sc. student is switched over to Ph.D. Programme, fellowship will enhanced for next two years (3rd & 4th year of DD programme)</p> <p>@ Rs. 35000/- p.m. for next three years (5th , 6th & 7th yr). After completion of 4th year of DD prog. & on receipt of satisfactory report on successful presentation of Progress Seminar, fellowship be enhanced.</p> |

“The continuation of Assistantship / Fellowship / Scholarship will be subject to monthly attendance and satisfactory academic performance”



28-08-01
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**J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA
FARIDABAD**

(Formerly YMCA University of Science and Technology, Faridabad)

(NAAC Accredited 'A+' Grade State Govt. University)

NH- 2, SECTOR-6, FARIDABAD, HARYANA-121006

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NP-2

Research & Development Cell

Date: 03.08.2023

Sub: Regarding plagiarism/similarity limits in Ph. D thesis.

Reference the committee constituted for issuance of similarity certificate and similarity factor in Ph. D thesis on noting page no.1 and same was notified vide letter no. R & D/2023/RAC/1430 dated 05.07.2023 (Flag-A).

Accordingly, the meeting of committee was held on 17.07.2023 at 10:30 am. The minutes of meeting is placed at Flag-B.

Submitted for your kind approval, please.

VC Secretariat
Diary No. 180
Date 01-8-23

VC Secretariat
2174
Disp. No. 01-8-23
Date 01-8-23

Dr. Narayan
31/8/23
Director (R & D Cell)

~~- Vice Chancellor~~

~~Dr Ravi Kumar to Vet the minutes and give his observations, if any.~~

SK Kumar

09/08/2023

~~Dr Ravi Kumar~~

~~Incharge (Chemistry)~~

~~- Regarding minutes of meeting on 'Zero Tolerance policy' as mentioned at CP-3, the 100% similarity with additional upto 5% seems viable.~~

~~- for similarity check, following pt may also be considered in addition to CP-3 as:~~

~~Common knowledge or coincidental terms upto '14' (fourteen) consecutive words.~~

R. T. S.
In-charge
Department of Chemistry
J.C. Bose University of Science and
Technology, Faridabad — PTO —

~~- Hon'ble VC sir~~

Put up the matter in the upcoming AC
meeting for necessary approval

SK Kumar

29/08/2023.

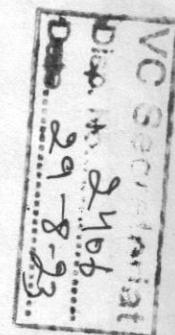
- DAA

31/08/23

- DR(Accd)

Dealing 1 PA to DAA for m-4

MG
01/09/2023
Manish Gupta
Deputy Registrar



| | |
|-----------------|------------|
| DAA Office | 3561 |
| Disp./Diary No. | 3561 |
| Date: | 31-08-2023 |

555
01/09/2023

DAA - 3565
01-09-2023

JC Bose University of Science and Technology, YMCA Faridabad

CP-3

Date: 21/7/2023

Minutes of the meeting held in the office of Director R&D for suggestions regarding the plagiarism/similarity limits in the thesis submitted by the research scholar to the University.

A meeting of the committee was held on 17/7/2023 at 10.30 AM to discuss the plagiarism/similarity limits in the thesis submitted by the scholar to the University. Following members were present:

1. Dr. C.K. Nagpal: Chairperson of committee
2. Dr. Maneesha Garg
3. Dr. Sonia Hooda
4. Dr. Sunil Kumar (telephonic discussion)

The committee thoroughly discussed the guidelines and suggested the following:

Zero Tolerance Policy in core area:

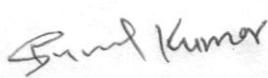
The core work carried out by the student, faculty, staff and researcher shall be based on original ideas and shall be covered by Zero Tolerance Policy on Plagiarism. In case Plagiarism is established in the core work claimed then University shall impose penalty. The core work shall include abstract, summary, hypothesis, observations, results, conclusions and recommendations.

For all other (non-core) parts, similarity up to 10% is allowed. However, in exceptional cases an additional similarity upto 5% may be allowed with proper justification by the candidate and supervisor which should be endorsed by the concerned Departmental Research Committee (DRC).

Similarity checks for exclusion from Plagiarism

The similarity checks for plagiarism shall exclude the following:

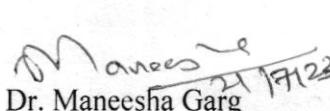
- i. All quoted work either falling under public domain or reproduced with all necessary permission and/or attribution.
- ii. All references, bibliography, table of content, preface and acknowledgements.
- iii. All small similarities of minor nature.
- iv. All generic terms, and standard symbols and standards equations.
- v. ~~self plagiarism. Own published work~~



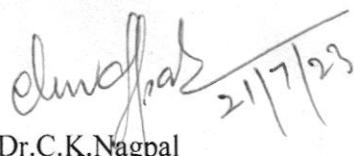
Dr. Sunil Kumar



Dr. Sonia Hooda



Dr. Maneesha Garg



Dr. C.K. Nagpal



28.10.01

28.10.01

Date: 14.09.2023

Minutes of Meeting

A meeting to discuss and formalize the modalities of MOOC Courses in the curriculum framework of 4-Year UG Programs (non-engineering) under National Education Policy (NEP)-2020 was held on 11.09.2023 in the office of UCC & DA cell of the University.

The following members were present during the meeting.

- Prof. Ashutosh Dixit, Dean Academics Affairs
- Prof. Komal Kumar Bhatia, Advisor UCC & DA
- Prof. Neetu Gupta, Dean Sciences and Life Sciences
- Prof. Ashutosh Nigam, Dean Management Studies
- Prof. Maneesha Garg, Director R&D
- Dr. Ravi Kumar, Chairperson, Department of Chemistry
- Dr. Neelam Duhan, Director, UCC & DA *—Savush*
- Dr. Manju Kumari, Member UCC & DA *T9191023*
- Dr. Rewa Sharma, Member UCC & DA
- Dr. Shivi Garg, Member UCC & DA

The following points were discussed during the meeting and agreed by all the members:

1. All the Chairperson/ Principals of the UTDs/ Affiliated Institutions can offer *up to two MOOC courses* which are the part of curriculum as Core/Elective/VAC/AEC/other courses and are being run through the SWAYAM platform, during the whole degree term. The SWAYAM platform may be utilized to supplement the teaching-learning process in the Institution considering the academic requirements i.e., in case of non-availability of resources/ facilities for offering the courses sought for by the students.
2. The departmental/ institutional MOOC Coordinators, appointed by chairpersons of concerned departments/ Principals of affiliated institutions, will be responsible for identification of relevant MOOCs in the UTDs/ institutions and smooth conduction during the course. Such MOOCs should be well approved by concerned BOS of department.
3. Department/ affiliated institution should ensure that the syllabus of chosen MOOC course should be similar to an extent of at least 60% with the syllabus of existing Core/Elective/VAC/AEC/other courses of the department.
4. Students can opt for *12 to 16 weeks* MOOCs equivalent to *3 or 4 credits* under mentorship of faculty (MHRD MOOC's guidelines 11.1(J) issued by the MHRD vide its orders dated 11/03/2016).



J. C. Bose University of Science and Technology, YMCA, Faridabad (Haryana)

Accredited 'A+' Grade by NAAC

A State Govt. University Established vide State Legislative Act No. 21 of 2009

Website: www.jcboseust.ac.in

5. University shall give the equivalent credit weightage to the students for the credits earned through MOOC courses and such credits will be transferred in the ABC (Academic Bank of Credits) account of the student.
6. Importance of online learning and credit transfer policy must be shared with the students at entry level by the concerned department/affiliated institution. Same may be incorporated during induction programme for newly admitted students.

The meeting ended with the thanks to the chair.

14/9/2023

Dr. Shivi Garg

14/9/2023

Dr. Rewa Sharma

14/9/23

Dr. Mahju Kumari

14/9/2023

Dr. Neelam Duhani

14/9/23

Dr. Ravi Kumar

14/9/23

Prof. Maneesha Garg

14/9/2023

Prof. Ashutosh Nigam

14/9/23

Prof. Neetu Gupta

14/9/23

Prof. Komal Kumar Bhatia

14/9/23

Prof. Ashutosh Dixit

- Chairman, HEP Implementation Committee

Put up for Approval, re.

Dean Colleges
348
18/09/23

J.C. Secretariat
Diary No. 922
Date 18/9/23

18.9.23

- Vice Chancellor

Allowed as proposed. Put up the matter
in the upcoming A.C. meeting.

19/09/2023

- D.A.F.

P.T.O. 2

VC Secretariat
Disp. No. 2658
Date 19/9/23

28.11.01

Annexure-A

Young Scientist Award of J.C. Bose University of Science and Technology, YMCA,
Faridabad (JCBUST)

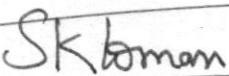
Name of the Award: J.C. Bose Young Scientist Award of JCBUST

Eligibility:

- 1) Age limit should be 35 Years as reckoned on 16th September (University Foundation Day) of the current year.
- 2) Nominee should be a regular research scholar of JCBUST for at least one year but not more than five years, starting from current academic year.
- 3) The award will be granted to a nominee only once.
- 4) The award will be granted to only one nominee from Basic Sciences and Engineering Sciences each.

Selection Procedure: 1

- 1) Each nominee is required to provide a brief bio-data (from Registration in Ph.D. till date) to the department.
- 2) Nominee will provide list of research publications as First Author in SCIE index Journals. The publication should have only mentor/mentors as co author. The details of patent granted/book authored/award received, if any, should also be provided.
- 3) A department level screening committee consisting of DRC members will forward the name of eligible nominee to R & D Cell. The merit list shall be prepared as under:
 - (a) Publication: 20 Marks per publication in SCIE indexed journal as First Author
 - (b) Patent: 10 marks for each patent as a first patentee
 - (c) Award conferred by a Govt. agency: National award - 5 marks per award, International award - 10 marks per award
 - (d) The candidate should score minimum 60 marks to qualify for the award.
- 4) A central level committee comprising of outside experts will recommend one name from Basic Sciences & Engineering Sciences.
- 5) No nomination will be considered in absentia.


SK Kumar
 04/09/2023



Ref: 601/Advt. 03-2022/847

Date: 05/07/2023

Sub: Revised minimum qualifications for appointment of teachers and other academic staff including Librarians in the Universities and Colleges and measures for the maintenance of the standards of Higher Education, 2022 based on the University Grants Commission Regulations 2018.

Reference the Memo No. 25/01/2023-4TE dated 08.06.2023 issued from the O/o ACS to Govt. Haryana, Higher Education Department, Chandigarh to the Technical Universities, on the subject cited above.

Accordingly, it is requested to revise the CAS guidelines in the University in view of above mentioned instructions of the State Govt.

Encl: as above.

J. U. S/1/2023
REGISTRAR

- Dr. Ashutosh Dixit,
Director - IQAC

From

The Additional Chief Secretary to Government Haryana,
Higher Education Department,
Chandigarh

To

The Registrar,

1. Guru Jambheshwar University of Science & Technology, Hisar.
2. Deenbandhu Chhotu Ram University & Science & Technology, Murthal.
3. J.C. Bose University of Science & Technology, YMCA, Faridabad.
4. Dada Lakhmi Chand State University of Performing & Visual Arts, Rohtak

Memo No. 25/01/2023-4TE

Dated Chandigarh 08.06.2023

Subject:

Revised minimum qualifications for appointment of teachers and other academic staff including Librarians in the Universities and Colleges and measures for the maintenance of the standards of Higher Education, 2022 based on the University Grants Commission Regulation 2018.

Kindly refer to the subject noted above.

In supersession of the Memo No. 25/01/2012-4TE dated 08.02.2012 and 666-668/Engg. Dated: 02.03.2012, the State Government after re-considering the recommendations of the University Grants Commission notification No. F.1-2/2017(EC/PS) dated 18.07.2018, has decided that the guidelines issued by Director General, Higher Education Department vide letter No. 7/79-2017 C-IV(3) dated 11.11.2022 (copy enclosed) regarding the subject noted above, will also be applicable mutatis mutandis for the four Technical Universities, with the following conditions:

1. Minimum qualifications for appointment of teaching faculty in the Technical Universities will be same as prescribed in the above said UGC Regulations as adopted by Higher Education Department & as amended from time to time and in case a particular subject does not figure in these Regulations, then AICTE prescribed qualifications issued from time to time will be followed.
2. The above said guidelines will be applicable w.e.f. 11.11.2022 i.e. from the date on which it has been adopted by Higher Education Department.

This issues with the concurrence of the Finance Department vide their U.O. No. 1/93/2011-1PR(FD)/136 dated 12.04.2023 & U.O. No. 1/93/2011-1PR(FD)/10410 dated 25.05.2023 and with the concurrence of the Chief Secretary to Govt. Haryana vide their U.O. No. 13/20/2023-3HR-1 dated 10.05.2023.

sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

A copy is forwarded to the Secretary to Govt. of India, Ministry of Education, Department of Higher Education, New Delhi for information and necessary action.

sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

A copy is forwarded to the Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi for information and necessary action.

sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

A copy is forwarded to the Principal Accountant General, (A&E)/Audit, Haryana, Chandigarh for information and necessary action.

Sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

A copy is forwarded to the Advisor, All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi for information and necessary action.

Sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

A copy is forwarded to Director General, Higher Education Department for kind information and necessary action.

Sd/-

Under Secretary, Technical Education,
for Additional Chief Secretary to Government Haryana,
Higher Education Department, Chandigarh

Endst. No. 25/01/2023-4TE

Dated Chandigarh, the 08.06.2023

✓ A copy is forwarded to Director General, Technical Education for kind information and necessary action.

Raj Kumar

Under Secretary, Technical Education,
for Additional Chief Secretary Government of Haryana,
Higher Education Department, Chandigarh

Directorate of Technical Education Department Haryana, Panchkula

Endst. No.: 363-366

/Univ.

Dated: 08/06/2023

A copy of the above is forwarded to the following for information and necessary action please.

The Registrar(s),

1. Deenbandhu Chhotu Ram University of Science & Technology, Murthal.
2. J.C. Bose University of Science & Technology, YMCA, Faridabad.
3. Guru Jambheshwar University & Science & Technology, Hisar.
4. Pandit Lakhmi Chand State University of Performing & Visual Arts, Rohtak.



Deputy Director (Univ.)
for Director General, Technical Education,
Haryana, Panchkula

E-2484819/2022
23/11/2022

From

Director Higher Education,
 Shiksha Sadan, Sector-5, Panchkula.

To

Director Technical Education.
 Panchkula, Haryana

Memo No. 7/79-2017 C-IV(3)
 Dated Panchkula, the 23.11.2022

23/11
 Subject: Revised minimum qualifications for appointment of teachers and other academic staff including Librarians and Directors of Physical Education and sports in Universities and Colleges and measures for the maintenance of Standards in Higher Education, 2022 based on University Grants Commission Regulations 2018.

Kindly refer to the subject cited above.

A copy of Memo No. 7/79-2017 C_IV (3), dated 11.11.2022 is forwarded for information and necessary action, please.

Encls. : As above.

Ryadav

Superintendent College-IV
 for Director Higher Education,
 Haryana Panchkula
 ()

From

Principal Secretary to Govt. of Haryana,
Higher Education Department, Haryana, Chandigarh

To

1. The Registrar, Kurukshetra University, Kurukshetra
2. The Registrar, Maharishi Dayanand University, Rohtak
3. The Registrar, Ch. Devi Lal University, Sirsa.
4. The Registrar, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan (Sonepat).
5. The Registrar, Indira Gandhi University, Meerpur (Rewari).
6. The Registrar, Ch. Ranbir Singh University, Jind.
7. The Registrar, Ch. Bansi Lal University, Bhiwani.
8. The Registrar, Gurugram University, Gurugram.
9. The Registrar, Dr. B.R.Ambedkar, National Law University, Rai, Sonipat.
10. The Registrar, Maharishi Balmiki Sanskrit University, Mundri, Kaithal.
11. All the Principals of Government and Government Aided Private Colleges situated in the State of Haryana.

Memo No. 7/79-2017 C-IV(3)

Dated Panchkula, the 11/11/2022

Subject: Revised minimum qualifications for appointment of teachers and other academic staff including Librarians and Directors of Physical Education and sports in Universities and Colleges and measures for the maintenance of Standards in Higher Education, 2022 based on University Grants Commission Regulations 2018.

In supersession of this office memo No. KW-7/18-2009 C-IV(3), dated 21.7.2011, the State Government after re-considering the recommendations of the University Grants Commission notification No. F.1-2/2017(EC/PS), dated 18.7.2018 has decided to issue a revised order on minimum qualifications for appointment of teachers and other academic staff including Librarians and Directors of Physical Education and sports in Universities and Colleges and measures for the maintenance of Standards in Higher Education, based on University Grants Commission Regulations 2018. The decisions taken by the State Government are incorporated in the enclosed Appendices.

Anomalies, if any, in the implementation of the scheme may be brought to the notice of Higher Education Department for clarification.

This issues with the concurrence of the Chief Secretary to Govt. Haryana vide their U.O.No.13/25/2022-6HR-I, dated 27.10.2022.

Enclosure- Page 1 to 51

Joint Director Administration

for Principal Secretary to Govt. of Haryana,
Higher Education Department, Panchkula

Endst. No. 7/79-2017 C-IV(3)

Dated Panchkula, the 11.11.2022

A copy is forwarded to the Secretary to Govt. of India, Ministry of Human Resource Development, Department of Education, New Delhi for information and necessary action.

Joint Director Administration

for Principal Secretary to Govt. of Haryana,
Higher Education Department, Panchkula

Endst. No. 7/79-2017 C-IV(3)

Dated Panchkula, the 11/11/2022

A copy is forwarded to the Secretary, University Grants Commission, Bahadurshah Zafar Marg, New Delhi for information and necessary action.

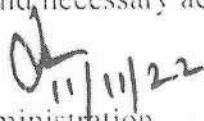

11/11/22

Joint Director Administration
for Principal Secretary to Govt. of Haryana,
Higher Education Department, Panchkula

Endst. No. 7/79-2017 C-IV(3)

Dated Panchkula, the 11/11/2022

A copy is forwarded to the Accountant General (Accounts) Haryana and Accountant General (Audit) Haryana, Chandigarh for information and necessary action.

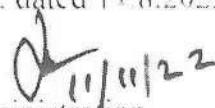

11/11/22

Joint Director Administration
for Principal Secretary to Govt. of Haryana,
Higher Education Department, Panchkula

Endst. No. 7/79-2017 C-IV(3)

Dated Panchkula, the 11/11/2022

A copy is forwarded to the Additional Chief Secretary to Govt. Haryana, Finance Department with reference to his U.O.No.1/46/2009-4PR(FD) 12718, dated 17.8.2022.


11/11/22

Joint Director Administration
for Principal Secretary to Govt. of Haryana,
Higher Education Department, Panchkula

6

REVISED MINIMUM QUALIFICATIONS FOR APPOINTMENT OF TEACHERS AND OTHER ACADEMIC STAFF INCLUDING LIBRARIANS AND DIRECTORS OF PHYSICAL EDUCATION AND SPORTS IN UNIVERSITIES AND COLLEGES AND MEASURES FOR THE MAINTENANCE OF STANDARDS IN HIGHER EDUCATION, 2022 BASED ON UNIVERSITY GRANTS COMMISSION REGULATIONS 2018

Minimum qualifications for the posts of Senior Professors, Professors and Teachers, and other Academic Staff in Universities and Colleges and revision of pay scales and other Service Conditions pertaining to such posts

1.0 Coverage

These Regulations are adopted for minimum qualifications for appointment and other service conditions of University and College teachers and cadres of Librarians, Directors of Physical Education and Sports for maintenance of standards in higher education and revision of pay-scales.

1.1 For the purposes of direct recruitment to teaching posts in disciplines relating to university and collegiate education, interalia in the fields of health, medicine, special education, agriculture, veterinary and allied fields, technical education, teacher education, norms or standards laid down by UGC adopted by the State Government from time to time shall prevail.

Provided that for appointment to the post of Assistant Professor and equivalent positions pertaining to disciplines in which the National Eligibility Test (NET), conducted by the University Grants Commission or Council of Scientific and Industrial Research as the case may be, or State level Eligibility Test (SLET) or the State Eligibility Test (SET), conducted by bodies accredited by the UGC for the said purpose, qualifying in NET/SLET/SET shall be an additional requirement.

1.2 Every university or institution deemed to be University, as the case may be, shall as soon as may be, but not later than within two months of the coming into force of these Regulations, take effective steps for the amendment of the statutes, ordinances or other statutory provisions governing it, so as to bring the same in accordance with these Regulations. Higher Education Department shall also make necessary amendments in the relevant service rules within two months from issuing this notification.

2.0 Pay Scales, Pay Fixation, and Age of Superannuation

Pay scales, structure and pay fixation formula issued by Haryana Govt. in Higher Education Department vide Memo no. 7/79-2017 C-IV (3) dated 08.09.2018 or as notified by Government from time to time shall be applicable.

2.1 Keeping in view the acute shortage of teachers in higher education, specially experts who can contribute towards creation of knowledge, teachers such as Assistant Professor, Associate Professor, Professor, Senior Professor and Principal may be re-employed in University/ College beyond the age of superannuation, by the Universities concerned in the Universities, by the State Government in the Government Colleges and by the Managing Committee with permission of the State Government in the Government Aided private Colleges subject to availability of vacant posts, workload and fitness, up to the age of sixty five years or till the regular appointment or promotion is made against such vacant positions whichever is earlier.

Provided further that all such re-employment shall be strictly in accordance with the guidelines prescribed by the State Government from time to time.

2.2 The date of implementation of the revision of pay scale shall be 1st January, 2016.

3.0 Recruitment and Qualifications

3.1 The direct recruitment to the posts of Assistant Professor, Associate Professor, Professor and Senior Professor in the Universities shall be on the basis of merit through an all-India advertisement, followed by selection by a duly constituted Selection Committee as per the provisions made under these Regulations. These provisions shall be incorporated in the Statutes/Ordinances of the university concerned. The composition of such a committee shall be as specified in these Regulations.

In Colleges, the direct recruitment to the post of Assistant Professor and Principal only shall be made. For Govt. Colleges, it shall be made on the basis of merit through All India advertisement followed by selection by Haryana Public Service Commission. For Govt. aided private colleges, it shall be made on the basis of merit through All India advertisement followed by Selection Committee under the provisions of Haryana Affiliated Colleges (Security of Services) Act 1979 and rules framed thereunder by the Govt. from time to time.

3.2 The minimum qualifications required for the post of Assistant Professor, Associate Professor, Professor, Senior Professor, Principal, University Assistant Librarian/College Librarian, University Deputy Librarian, University Librarian, Assistant Director of Physical Education and Sports, Deputy Director of Physical Education and Sports and Director of Physical Education and Sports shall be as specified in these regulations.

3.3 Qualifications for Assistant Professor (University and Colleges)

I. The National Eligibility Test (NET) shall remain the minimum eligibility for appointment of Assistant Professor and equivalent positions wherever provided in these Regulations. Further, SLET/SET shall be valid as the minimum eligibility for direct recruitment to Universities/Colleges/Institutions in the State.

Provided that candidates who have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil. Ph.D. Degree) Regulation, 2009, or the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D. Degree) Regulation 2016 and their subsequent amendments from time to time, as the case may be, shall be exempted from the requirement of the minimum eligibility condition of NET for recruitment and appointment of Assistant Professor or any equivalent position in any University, College or Institution.

Provided further that the award of degree to candidates registered for the M.Phil/Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances / Bye-laws / Regulations of the Institutions awarding the degree. All such Ph.D. candidates shall be exempted from the requirement of NET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfillment of the following conditions:

- The Ph.D. degree of the candidate has been awarded in regular mode only;
- The Ph.D. thesis has been evaluated by at least two external examiners;
- An open Ph.D. viva voce of the candidate has been conducted;
- The candidate has published two research papers from his/her Ph.D. work out of which at least one is in a refereed journal;
- The candidate has presented at least two papers, based on his/her Ph.D. work in conferences/seminars sponsored/funded/supported by the UGC/ ICSSR/CSIR or any similar agency.

The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.

II. The clearing of NET/SLET/SET shall not be required for candidates in such disciplines for which NET/SLET/SET has not been conducted.

3.4 A minimum of 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed) at the Master's level shall be the essential qualification for direct recruitment of teachers and other equivalent cadres at any level.

A relaxation of 5% shall be allowed at the Bachelor's as well as at the Master's level for the candidates belonging to Scheduled Caste/Scheduled Tribe/Backward Classes 'A' & 'B' (Non-creamy Layer) of Haryana/Differently- abled (a) Blindness and low vision; (b) Deaf and Hard of Hearing; (c) Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid-attack victims and muscular dystrophy; (d) Autism, intellectual disability, specific learning disability and mental illness; (e) Multiple disabilities from amongst persons under (a) to (d) including deaf-blindness) for the purpose of eligibility and assessing good academic record for direct recruitment. The eligibility marks of 55% marks (or an equivalent grade in a point scale wherever the grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based only on the qualifying marks without including any grace mark procedure.

3.5. A relaxation of 5% shall be provided, (from 55% to 50% of the marks) to the Ph.D. Degree holders who have obtained their Master's Degree prior to 19 September, 1991.

3.6 A relevant grade which is regarded as equivalent of 55%, wherever the grading system is followed by a recognized university, at the Master's level shall also be considered valid.

3.7 The Ph.D. Degree shall be a mandatory qualification for appointment and promotion to the post of Professor.

3.8 The Ph.D. Degree shall be a mandatory qualification for appointment to the post of Associate Professor in Universities but it shall be a mandatory qualification for promotion with effect from 3 years (5 years in case of college teachers) from the date of issue of this notification by the State Government.

3.9 The Ph.D. Degree shall be a mandatory qualification for promotion to the post of Assistant Professor (Selection Grade/Academic Level 12) in Universities with effect from 3 years from the date of issue of this notification by the State Government.

3.10 The Ph.D. Degree shall be a mandatory qualification for direct recruitment to the post of Assistant Professor in Universities with effect from the date of issue of this notification by the State Government.

3.11 The time taken by candidates to acquire M.Phil. and / or Ph.D. Degree shall not be considered as teaching/ research experience to be claimed for appointment to the teaching positions. Further, the period of active service spent on pursuing Research Degree simultaneously with teaching assignment without taking any kind of leave, shall be counted as teaching experience for the purpose of direct recruitment/ promotion. Regular faculty members upto twenty per cent of the total faculty strength (excluding faculty on medical / maternity leave) may be allowed by their respective institutions to take study leave for pursuing Ph.D. degree.

3.12 Qualifications:

No person shall be appointed to the post of University and College teacher, Librarian or Director of Physical Education and Sports, in any university or in any of institutions including constituent or affiliated colleges recognised under clause (f) of Section 2 of the University Grants commission Act, 1956 or in an institution deemed to be a University under Section 3 of the said Act if such person does not fulfil the requirements as to the qualifications for the appropriate post as provided in these Regulations.

4.0 Direct Recruitment

4.1 For the Disciplines of Arts, Commerce, Humanities, Education, Law, Social Sciences, Sciences, Languages, Library Science, Physical Education, and Journalism & Mass Communication.

I. Assistant Professor:

Eligibility (A or B):

A.

- i) A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied subject from an Indian University, or an equivalent degree from an accredited foreign university.
- ii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET:

Provided, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfillment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in a regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate has been conducted;
- d) The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- e) The candidate has presented at least two papers based on his/her Ph.D. work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

OR

- B. The Ph.D. degree has been obtained from a foreign university/institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following: (i) Quacquarelli Symonds (QS) (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University(Shanghai).

Note: The Academic score as specified in Appendix II (Table 3A) for Universities shall be considered for short-listing of the candidates for interview only, and the selections shall be based only on the performance in the interview. Selection of Assistant Professors in Government Colleges shall be made by HPSC and in Govt Aided Private Colleges, as per criteria determined by the State Govt, from time to time based on UGC regulations.

10

II. Associate Professor:

Eligibility:

- i) A good academic record, with a Ph.D. Degree in the concerned/allied/relevant disciplines.
- ii) A Master's Degree with at least 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed).
- iii) A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry with a minimum of seven publications in the peer-reviewed or UGC-listed journals and a total research score of Seventy five (75) as per the criteria given in Appendix II, Table 2.

III. Professor:

Eligibility (A or B):

A.

- i) An eminent scholar having a Ph.D. degree in the concerned/allied/relevant discipline, and published work of high quality, actively engaged in research with evidence of published work with, a minimum of 10 research publications in the peer-reviewed or UGC-listed journals and a total research score of 120 as per the criteria given in Appendix II, Table 2.
- ii) A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.

OR

- B. An outstanding professional, having a Ph.D. degree in the relevant/allied/applied disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.

IV. Senior Professor:

Up to 10 percent of the existing sanctioned strength of Professors in the university may be appointed as Senior Professor in the universities, through direct recruitment.

Eligibility:

- i) An eminent scholar with good track record of high-quality research publications in Peer-reviewed or UGC- listed journals, significant research contribution to the discipline, and engaged in research supervision.
- ii) A minimum of ten years of teaching/research experience as Professor or an equivalent grade in a University, College or an institute of national level.
- iii) The selection shall be based on academic achievements, favourable review from three eminent subject experts who are not less than the rank of Senior Professor or a Professor of at least ten years experience.
- iv) The selection shall be based on ten best publications in the Peer-reviewed or UGC -listed journals and award of Ph.D. degrees to at least two candidates under his/her supervision during the last 10 years and interaction with the Selection Committee constituted as per these Regulations.

V. College Principal:

Eligibility:

- (i) Ph.D. degree
- (ii) Professor/Associate Professor with a total service/ experience of at least fifteen years of teaching/research in Universities, Colleges and other institutions of higher education.
- (iii) A minimum of 10 research publications in peer-reviewed or UGC-listed journals.
- (iv) A minimum of 110 Research Score as per Appendix II, Table 2

4.2. Music, Performing Arts, Visual Arts and Other Traditional Indian Art Forms like Sculpture, etc.

I. Assistant Professor:

Eligibility:

- i) Master's Degree with 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in the relevant subject or an equivalent degree from an Indian/foreign University.
- ii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil. Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be.

Provided further, candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances / Bye-laws / Regulations of the Institutions awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfilment of the following conditions:

- a) Ph.D. degree has been awarded to the candidate in a regular mode
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate had been conducted;
- d) Candidate has published two research papers from his/her Ph.D. work, out of which, at least one is in a refereed journal;
- e) The candidate has presented at least two research papers based on his/her Ph.D. work in conferences/seminars supported/funded/sponsored by the UGC/AICTE/ ICSSR or any other similar agency.

Note 1: The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affair) of the University concerned.

Note 2: The clearance of NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC (like SLET/SET).

II. Associate Professor:

Eligibility:

- i) Good academic record, with a doctoral degree.
- ii) Performing ability of a high professional standard.
- iii) Eight year's experience of teaching in a University or College and / or of research in a University/national level institution, equal to that of Assistant Professor in a University/College.
- iv) Has made a significant contribution to knowledge in the subject concerned, as evidenced by quality publications.

III. Professor:

Eligibility (A or B):

A.

- i) An eminent scholar having a doctoral degree
- ii) Have been actively engaged in research with at least ten years of experience in teaching in University/College and/ or research at the University/National level institutions
- iii) Minimum of 6 research publications in the peer-reviewed or UGC-listed journals.
- iv) Has a total research score of 120, as per Appendix II, Table 2.

OR

B.

A traditional or a professional artist, with highly-commendable professional achievement, in the subject concerned.

- i) Having Masters degree, in the relevant subject
- ii) Has been 'A'-grade artist of AIR/Doordarshan
- iii) Has Ten years of outstanding performing achievements in the field of specialisation
- iv) Has made significant contributions in the field of specialisations and ability to guide research;
- v) Has participated in National/International Seminars/Conferences/ Workshops/Concerts and/ or recipient of National/International Awards/Fellowships;
- vi) Has the ability to explain with logical reasoning the subject concerned, and
- vii) Has adequate knowledge to teach theory with illustrations in the said discipline.

4.3 Drama Discipline:

I. Assistant Professor

Eligibility

- i) Master's Degree with 55% marks (or an equivalent grade in a point scale wherever grading system is followed) in the relevant subject or an equivalent degree from an Indian/foreign University.
- ii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR or a similar test accredited by the UGC, like SLFT/SET or who are or have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009, or 2016, and their amendments from time to time as the case may be.

Provided further, candidates registered for the Ph.D. programme, prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances Bye-laws/Regulations of the Institutions awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLFT/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions, subject to the fulfillment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in the regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) An open Ph.D. viva voce of the candidate has been conducted;
- d) The candidate has published two research papers from his/her Ph.D. work out of which at least one must be in a refereed journal;
- e) The candidate has presented at least two research papers based on his/her Ph.D. work in conferences/ seminars supported/funded/ sponsored by the UGC/CSIR/ICSSR or any other similar agency.

Note:

1. The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.
2. NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which the NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

II. Associate Professor:

Eligibility:

- i) A good academic record, having a Ph.D. degree with performing ability of high professional standard as certified by an Expert Committee constituted by the University concerned for the said purpose.
- ii) Eight years experience of teaching in a University/College and/ or research in a University/national- level institutions equal to that of Assistant Professor in a University/College.
- iii) A significant contribution to knowledge in the subject concerned, as evidenced by the quality publications.

III. Professor:

Eligibility (A or B) :

A. An eminent scholar, having a doctoral degree, actively engaged in research with ten years of experience in teaching and /or research at a University/National-level institution, including experience of guiding research at the doctoral level, with outstanding performing achievement in the field of specialisation, with a minimum of 6 research publications in the peer-reviewed or UGC listed journals, and a total research score of 120, as per Appendix II, Table 2.

OR

B. A traditional and a professional artist, having highly commendable professional achievement in the subject concerned, who has:

- i) Master's degree, in the relevant subject;
- ii) Ten years of outstanding performing achievements in the field of specialisation;
- iii) Made significant contribution in the field of specialisation
- iv) Guided research;
- v) Participated in National/International Seminars/Conferences/Workshops and/or recipient of National/International Awards/Fellowships;
- vi) Ability to explain with logical reasoning the subject concerned;
- vii) Adequate knowledge to teach theory, with illustrations in the said discipline.

4.4 Yoga Discipline

I. Assistant Professor :

Eligibility (A or B):

A. Good academic record, with at least 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) at the Master's degree in Yoga or any other relevant subject, or an equivalent degree from an Indian/foreign University.

Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or a similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the

University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time.

OR

B. A Master's degree in any discipline with at least 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) and a Ph.D. Degree in Yoga* in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be.

*Note: Considering the paucity of teachers in the newly-emerging field of Yoga, this alternative has been provided and shall be valid only for five years from the date of issue of this notification by the State Government.

II. Associate Professor

- i) A good academic record, with a Ph.D. degree in the subject concerned or in a relevant discipline.
- ii) A Master's degree with at least 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed).
- iii) A minimum of eight years' experience of teaching and/ or research in an academic research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institutions/Industry with evidence of published work and a minimum of 7 publications as books and / or research/policy papers in peer- reviewed or UGC listed journals and a total research score of at least Seventy five (75), as per the criteria given in Appendix II, Table 2.

III. Professor

Eligibility (A or B):

A.

- i) An eminent scholar with Ph. D. degree in the subject concerned or in an allied/relevant subject and published work of high quality, actively engaged in research with evidence of published work, with a minimum of 10 publications as books and/ or research/policy papers in the peer-reviewed or UGC listed journals and a total research score of at least 120 as per the criteria given in Appendix II, Table 2.
- ii) A minimum of ten years of teaching experience in a University/College and / or experience in research at the university/National level institution/Industries, with evidence of having successfully guided doctoral candidate.

OR

B. An outstanding professional, with established reputation in the relevant field, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, to be substantiated by credentials.

4.5 QUALIFICATIONS, EXPERIENCE AND OTHER ELIGIBILITY REQUIREMENTS FOR APPOINTMENT OF OCCUPATIONAL THERAPY TEACHERS

I. Assistant professor:

A Bachelor's Degree in Occupational Therapy (B.O.T./B.Th.O./B.O.Th.), Masters in Occupational Therapy (M.O.Th/M.Th.O./ M.Sc. O.T/M.OT.), with at least 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed), from a recognised University

II. Associate Professor:

- i) Essential : A Master's Degree in Occupational Therapy (M.O.T./M.O.Th./M.Sc. O.T.), with eight years' experience as Assistant Professor.

ii) Desirable: Higher Qualification, including a Ph. D. degree in any discipline of occupational therapy recognised by the UGC, and published work of high standard in peer-reviewed or UGC-listed journals.

III. Professor:

i) Essential : Master's Degree in Occupational Therapy (M.O.T./ M.O.Th./M.Th.O./M.Sc. O.T.), with Ten years of total experience in Occupational Therapy.

ii) Desirable: Higher Qualification, such as Ph.D. degree in any discipline of occupational therapy recognised by the UGC, and published work of high standard in peer-reviewed or UGC-listed journals.

IV. Principal / Director /Dean:

Essential: Master's Degree in Occupational Therapy (M.O.T./M.Th.O./M.O.Th./M.Sc. O.T.). Essential: Master's Degree in Occupational Therapy (M.O.T./M.Th.O./M.O.Th./M.Sc. O.T.).

with fifteen years' experience, which shall include five years' experience as Professor (Occupational Therapy).

Note:

(i) The senior-most Professor in the institution shall be designated as the Principal / Director /Dean.

(ii) Desirable: Higher qualification, like a Ph. D. degree in any discipline of occupational therapy recognized by the UGC and published work of high standard in peer reviewed or UGC listed journals.

4.6 QUALIFICATIONS, EXPERIENCE AND OTHER ELIGIBILITY REQUIREMENT FOR APPOINTMENT OF PHYSIOTHERAPY TEACHERS

I. Assistant Professor:

Bachelor's Degree in Physiotherapy (B.P.T./B. Th./P./B.P.Th.). Master's Degree in Physiotherapy (M.&P.Th/M.Th.P./M.Sc. P.T/M.P.T.) with at least 55% marks (or an equivalent grade in a point scale wherever the grading system is followed) from a recognized University.

II. Associate Professor:

i) Essential: A Master's Degree in Physiotherapy (M.P.T./M.P.Th./M.Th.P/M.Sc. P.T.) with eight years' experience as Assistant Professor.

ii) Desirable: Higher Qualification, such as Ph.D. degree in any discipline of Physiotherapy recognised by the U.G.C. and published work of high standard in peer-reviewed or UGC - listed journals.

III. Professor:

Essential: Master's Degree in Physiotherapy (M.P.T. / M.P.Th./M.Th.P./M.Sc. P.T.), with ten years experience.

Desirable:

(i) Higher Qualification like Ph. D. in any subject of Physiotherapy recognised by U.G.C. and

(ii) Published work of high standard in peer-reviewed or UGC- listed journals.

IV. Principal / Director /Dean:

Essential: Master's Degree in Physiotherapy (M.P.T./M.Th.P./M.Pth./M.Sc. P.T.) with fifteen years total experience, including five years experience as Professor (Physiotherapy).

Note:

(i) Senior-most Professor shall be designated as the Principal / Director /Dean.

(ii) Desirable: Higher qualification like Ph.D. in any subject of Physiotherapy recognized by the U.G.C and published work of high standard in peer reviewed or UGC listed journals.

4.7 MINIMUM QUALIFICATIONS FOR DIRECT RECRUITMENT TO THE POSTS OF UNIVERSITY ASSISTANT LIBRARIAN / COLLEGE LIBRARIAN, UNIVERSITY DEPUTY LIBRARIAN AND UNIVERSITY LIBRARIAN

I. University Assistant Librarian / College Librarian

- i) A Master's Degree in Library Science, Information Science or Documentation Science or an equivalent professional degree, with at least 55% marks (or an equivalent grade in a point -scale, wherever the grading system is followed)
- ii) A consistently good academic record, with knowledge of computerization of a library.
- iii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET or who are or have been awarded a Ph.D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be:

Provided that the, candidates registered for the Ph.D. degree prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances / Bye-laws / Regulations of the Institution awarding the degree, and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges / Institutions subject to the fulfillment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in the regular mode
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) Open Ph.D. viva voce of the candidate has been conducted;
- d) The candidate has published two research papers from his/her Ph.D. work out of which at least one is in a refereed journal;
- e) The candidate has presented at least two papers based on his/her Ph.D. work in conferences/seminars sponsored /funded/supported by the UGC/ICSSR/CSIR or any similar agency.

Note:

- (i) The fulfilment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.
- (ii) NET/SLET/SET shall also not be required for candidates in such Master's Programmes for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.

II. University Deputy Librarian

- i) A Master's Degree in library science/information science/documentation science, with at least 55% marks or an equivalent grade in a point -scale, wherever grading system is followed.
- ii) Eight years experience as an Assistant University Librarian/College Librarian.
- iii) Evidence of innovative library services including integration of ICT in library.
- iv) Ph.D. Degree in library science/ Information science/Documentation Science/Archives and manuscript keeping/computerization of library.

III. University Librarian

- i) A Master's Degree in Library Science/Information Science/Documentation Science with at least 55% marks or an equivalent grade in a point -scale wherever the grading system is followed.

- ii) At least ten years as a Librarian at any level in University Library or ten years of teaching as Assistant/Associate Professor in Library Science or ten years' experience as a College Librarian.
- iii) Evidence of innovative library services, including the integration of ICT in a library.
- iv) A Ph.D. Degree in library science/information science/documentation /archives and manuscript-keeping.

4.8 MINIMUM QUALIFICATIONS FOR THE POSTS OF ASSISTANT DIRECTOR/PROFESSOR OF PHYSICAL EDUCATION AND SPORTS, DEPUTY DIRECTOR OF PHYSICAL EDUCATION AND SPORTS AND DIRECTOR OF PHYSICAL EDUCATION AND SPORTS (DPES)

I. Assistant Director of Physical Education and Sports in University or Assistant Professor of Physical Education and Sports in College

Eligibility (A or B):

A.

- i) A Master's Degree in Physical Education and Sports or Physical Education or Sports Science with 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed)
- ii) Record of having represented the university / college at the inter-university / inter-collegiate competitions or the State and/ or national championships.
- iii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET), conducted by the UGC or CSIR, or a similar test accredited by the UGC, like SLET/SET, or who are or have been awarded a Ph.D. Degree in Physical Education or Physical Education and Sports or Sports Science, in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time, as the case may be:

Provided that, candidates registered for the Ph.D. degree prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/ Bye-laws/Regulations of the Institutions awarding the degree and such Ph.D. degree holders shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges / Institutions, subject to the fulfillment of the following conditions:-

- a) The Ph.D. degree of the candidate has been awarded in regular mode;
- b) The Ph.D. thesis has been evaluated by at least two external examiners;
- c) Open Ph.D. viva voce of the candidate has been conducted;
- d) The candidate has published two research papers from his/her Ph.D. work out of which at least one is in a refereed journal;
- e) The candidate has presented at least two research papers in conference/seminar, based on his/her Ph.D. work.

Note:

- i) The fulfillment of these conditions (a) to (e) is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.
- ii) NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC like SLET/SET.
- iii) Passed the physical fitness test conducted in accordance with these Regulations.

OR

B. An Asian game or common-wealth games medal winner who has a degree at least at Post-Graduation level.

II. Deputy Director of Physical Education and Sports in University

Eligibility (A or B):

A.

- i) A Ph.D. in Physical Education or Physical Education and Sports or Sports Science. Candidates from outside the university system, in addition, shall also possess at least 55% marks (or an equivalent grade in a point scale wherever grading system is followed) at the Master's Degree level by the university concerned.
- ii) Eight years experience as University Assistant DPES/Assistant Professor of Physical Education and Sports/College DPES.
- iii) Evidence of organizing competitions and conducting coaching camps of at least two weeks duration.
- iv) Evidence of having produced good performance of teams/athletes for competitions like State/National/Inter-university/Combined University, etc.
- v) Passed the physical fitness test in accordance with these Regulations.

OR

- B. An Olympic Games/ World Cup/ World Championship medal winner who has a degree at least at the Post-Graduation Level.

III. Director of Physical Education and Sports in University

- i) A Ph.D. in Physical Education or Physical Education and Sports or Sports Science.
- ii) Experience of at least ten years in Physical Education and Sports as University Assistant/Deputy DPES or ten years as College DPES or teaching for ten years in Physical Education and Sports or Sports Science as Assistant/Associate Professor.
- iii) Evidence of organising competitions and coaching camps of at least two weeks' duration.
- iv) Evidence of having produced good performance of teams/athletes for competitions like state/national/inter-university/combined university, etc.

IV. Physical Fitness Test Norms

- (a) Subject to the provisions of these Regulations, all candidates who are required to undertake the physical fitness test are required to produce a medical certificate certifying that he/she is medically fit before undertaking such tests.
- (b) On the production of such certificate mentioned in sub-clause (a) above, the candidate would be required to undertake the physical fitness test in accordance with the following norms:

NORMS FOR MEN

12 MINUTES RUN/WALK TEST

| Upto 30 Years | Upto 40 Years | Upto 45 Years | Upto 50 Years |
|---------------|---------------|---------------|---------------|
| 1800 metres | 1500 metres | 1200 metres | 800 metres |

NORMS FOR WOMEN

8 MINUTES RUN/WALK TEST

| Upto 30 Years | Upto 40 Years | Upto 45 Years | Upto 50 Years |
|---------------|---------------|---------------|---------------|
| 1000 metres | 800 metres | 600 metres | 400 metres |

5.0 CONSTITUTION OF SELECTION COMMITTEES AND GUIDELINES ON SELECTION PROCEDURE:

5.1 Selection Committee Composition

I. Assistant Professor in the University:

(a) The Selection Committee for the post of Assistant Professor in the University shall consist of the following persons:

- The Vice Chancellor or his/her nominee, who has at least ten years of experience as Professor, shall be the Chairperson of the Committee.
- An academician not below the rank of Professor to be nominated by the Visitor/Chancellor, wherever applicable.
- Three experts in the subject concerned nominated by the Vice Chancellor out of the panel of names approved by the relevant statutory body of the university concerned.
- Dean of the Faculty concerned, wherever applicable.
- Head/Chairperson of the Department/School concerned.
- An academician representing SC/ST/OBC/Minority/Women/Differently-abled categories to be nominated by the Vice Chancellor, if any of the candidates from any of these categories is an applicant and if any of the above members of the selection committee does not belong to that category.

(b) Four members, including two outside subject experts, shall constitute the quorum.

II. Associate Professor in the University

(a) The Selection Committee for the post of Associate Professor in the University shall have the following composition:

- The Vice Chancellor or his/her nominee, who has at least ten years of experience as Professor, shall be the Chairperson of the Committee.
- An academician not below the rank of Professor to be nominated by the Visitor/Chancellor, wherever applicable.
- Three experts in the subject/field concerned nominated by the Vice-Chancellor, out of the panel of names approved by the relevant statutory body of the university.
- Dean of the faculty, wherever applicable.
- Head Chairperson of the Department/School.
- An academician representing SC/ST/OBC/ Minority / Women / Differently-abled categories, if any of candidates belonging to any of these categories is the applicant, to be nominated by the Vice Chancellor, if any of the above members of the election committee does not belong to that category.

(b) At least four members, including two outside subject experts, shall constitute the quorum

III. Professor in the University

(a) The Selection Committee for the post of Professor in the University shall consist of the following persons:

- i) Vice-Chancellor who shall be the Chairperson of the Committee.
- ii) An academician not below the rank of Professor to be nominated by the Visitor/Chancellor, wherever applicable.
- iii) Three experts in the subject/field concerned to be nominated by the Vice-Chancellor out of the panel of names approved by the relevant statutory body of the university concerned.
- iv) Dean of the faculty, wherever applicable.
- v) Head/Chairperson of the Department/School.
- vi) An academician belonging to the SC/ST/OBC/ Minority / Women / Differently-abled categories, if any of the candidates representing these categories is the applicant, to be nominated by the Vice-Chancellor, if any of the above members of the selection committee does not belong to that category.

(b) At least four members, including two outside subject experts, shall constitute the quorum.

IV. Senior Professor

(a) The Selection Committee for the post of Senior Professor in the University shall consist of the following persons:

- i) Vice Chancellor who shall be the Chairperson of the Committee.
- ii) An academician not below the rank of Senior Professor/Professor with minimum ten years experience who is the nominee of the Visitor/Chancellor, wherever applicable.
- iii) Three experts not below the rank of a Senior Professor/Professor with a minimum of ten years' experience in the subject/field concerned nominated by the Vice-Chancellor out of the panel of names approved by the relevant statutory body of the university.
- iv) Dean (not below the rank of Senior Professor/Professor with minimum ten years experience) of the faculty, wherever applicable.
- v) Head Chairperson (not below the rank of Senior Professor/Professor with minimum ten years experience) or Senior-most Professor (not below the rank of Senior Professor Professor, with a minimum of ten years' experience) of the Department/School.
- vi) An academician (not below the rank of a Senior Professor/Professor with minimum ten years experience) representing SC/ST/OBC/ Minority / Women / Differently-abled categories, if any of candidates representing these categories is the applicant, to be nominated by the Vice Chancellor, if any of the above members of the selection committee do not belong to that category.

(b) Four members, including two outside subject experts, shall constitute the quorum.

V. Assistant Professor in Colleges including Private and Constituent Colleges:

- (a) In case of Government Colleges, the Haryana Public Service Commission shall make selection according the existing system of direct recruitment or according to the rules/instructions of the Haryana Government issued from time to time.
- (b) In case of Govt-Aided colleges, the existing system for selection shall continue as per their service rules under Haryana Affiliated Colleges (Security of Service) Act 1979 and rules framed thereunder by the Haryana Government from time to time.

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VI. College Principal

- (a) In case of direct recruitment of College Principals in Government Colleges, the Haryana Public Service Commission shall make selection according to the rules/instructions of the Haryana Government issued from time to time.
- (b) All posts of College Principals in Govt-Aided Colleges shall be filled through direct recruitment according to the existing system for selection as per their service rules under Haryana Affiliated Colleges (Security of Service) Act 1979 and rules framed thereunder by the Haryana Government from time to time.

VII. Selection Committees for the posts of Directors, Deputy Directors, Assistant Directors of Physical Education and Sports, Librarians, Deputy Librarians, Assistant Librarians shall be the same as that of Professor, Associate Professor and Assistant Professor, respectively, except that in Library and Physical Education and Sports or Sports Administration, respectively, practicing Librarian/Director Physical Education and Sports, as the case may be, shall be associated with the Selection Committee as one of the subject experts.

VIII. The "Screening-cum-Evaluation Committee" for CAS promotion of Assistant Professors/equivalent cadres in Librarians/Physical Education and Sports from one level to the other higher level shall consist of:

A. For University teachers:

- i) The Vice-Chancellor or his/her nominee shall be the Chairperson of the Committee;
- ii) The Dean of the Faculty concerned;
- iii) The Head of the Department /Chairperson of the School; and
- iv) One subject expert in the subject concerned nominated by the Vice-Chancellor from the University panel of experts.

B. For Govt-Aided private College teachers:

- i) Dean of Colleges of the concerned University
- ii) Nominee of the Director, Higher Education
- iii) Nominee of the Vice-Chancellor
- iv) Subject Expert
- v) Principal of the college

Note: The quorum for this committee shall be three which will include one subject expert/University nominee and DHE nominee as per existing practice.

C. For Government College teachers

- i) Additional Chief Secretary/Principal Secretary to Govt. Haryana, Higher Education Department
- ii) Director, Higher Education Department, Haryana
- iii) Joint Deputy Secretary to Govt. Haryana, Higher Education Department
- iv) Principal of the concerned college
- v) Subject expert

D. For University Assistant Librarian:

- i) The Vice-Chancellor shall be the Chairperson of the Committee;
- ii) The Dean of the Faculty concerned;
- iii) The Librarian, University Library; and
- iv) One expert who is a working Librarian nominated by the Vice-Chancellor from the University panel of experts.

E. For University Assistant Director, Physical Education and Sports:

- i) The Vice-Chancellor shall be the Chairperson of the Committee;
- ii) The Dean of the Faculty concerned;
- iii) The University Director, Physical Education and Sports; and
- iv) One expert in Physical Education and Sports Administration from University system

nominated by the Vice-Chancellor from the University panel of experts.

Note: The quorum for these committees in all categories shall be three which will include one subject expert/University nominee.

5.2 The Screening-cum-Evaluation Committee on verification/evaluation of grades secured by the candidate through the Assessment Criteria and Methodology Proforma designed by the respective university based on these Regulations and as per the minimum requirement specified:

- (a) In Appendix II, Table 1 for each of the cadre of Assistant Professor;
- (b) In Appendix II, Table 4 for each of the cadre of Librarian; and
- (c) In Appendix II, Table 5 for each of the cadre of Physical Education and Sports shall recommend to the Syndicate/ Executive Council /Board of Management of the University/College about the suitability for the promotion of the candidate(s) under CAS for implementation.

5.3 The selection process shall be completed on the day/last day of the selection committee meeting, wherein the minutes are recorded and recommendation made on the basis of the performance of the interview are duly signed by all members of the selection committee.

5.4 For all Selection Committees specified in these Regulations, Head of Department / Teacher-Incharge should be either in the same or higher rank/position than the rank/position for which the interview is to be held.

6.0 SELECTION PROCEDURE:

I. The overall selection procedure shall incorporate transparent, objective and credible methodology of analysis of the merits and credentials of the applicants based on the weightage given to the performance of the candidate in different relevant parameters and his/her performance on a grading system proforma, based on Appendix II, Tables 1, 2, 3A, 3B, 4, and 5. However, In case of Govt-Aided colleges, the existing criteria for selection shall continue or as framed by the Haryana Government from time to time and in case of Govt Colleges, the selection criteria shall be determined by HPSC.

In order to make the system more credible, universities may assess the ability for teaching and / or research aptitude through a seminar or lecture in a classroom situation or discussion on the capacity to use the latest technology in teaching and research at the interview stage. These procedures can be followed for both the direct recruitment and the CAS promotions, wherever selection committees are prescribed in these Regulations.

II. The universities shall adopt these Regulations for selection committees and selection procedure through their respective statutory bodies incorporating Appendix II, Table 1, 2, 3A, 3B, 4, and 5 at the institutional level for University Departments and their Constituent colleges/ affiliated colleges (Autonomous/ Private Colleges) to be followed transparently in all the selection processes. The universities may devise their own self-assessment-cum-performance appraisal forms for teachers in strict adherence to the Appendix II, Table 1, 2, 3A, 3B, 4, and 5 specified in these Regulations.

III. In all the Selection Committees of direct recruitment of teachers and other academic staff in universities and colleges provided herein, an academician belonging to the Scheduled Caste/Scheduled Tribe/BC/Minority/Women/ Differently-abled categories, if any of candidates belonging to these categories is the applicant and if any of the members of the selection committee does not belong to that category, shall be nominated by the Vice-Chancellor of the University, and in case of a College, Vice-Chancellor of the University to which the college is affiliated to. The academician, so nominated for this purpose, shall be one level above the cadre level of the applicant, and such nominee shall ensure that the norms of the State Government, in relation to the categories mentioned above, are strictly followed during the selection process.

IV. The process of selection of a Professor shall involve the inviting of the application developed

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by the respective university, based on the Assessment Criteria and Methodology guidelines set out in these Regulations in Appendix II, Table 1 and 2 and reprints of all significant publications of the candidates.

Provided that the publications submitted by the candidate shall have been published during the qualifying period.

Provided further that such publications shall be made available to the subject experts for assessment before holding the interview. The evaluation of the publications by the experts shall be taken into consideration while finalizing the outcome of selection.

- V. In the case of selection of faculty members who are from outside the academic field and are considered under Clause 4.1 (III.B), 4.2 (III.B), 4.3 (III.B) and 4.4 (III.B) of these Regulations, the university's statutory bodies must lay down clear and transparent criteria and procedure so that only outstanding professionals who can contribute substantially to the university knowledge system are selected.
- VI. In the selection process for the posts involving different nature of responsibilities in certain disciplines/areas, such as Music and Fine Arts, Visual Arts and Performing Arts, Physical Education and Sports, and Library, greater emphasis may be laid on the nature of deliverables indicated against each of the posts in these Regulations which need to be taken up by the institution while developing the Proforma for both the direct recruitment and the CAS promotion.
- VII. The Internal Quality Assurance Cell (IQAC) shall be established in all Universities/Colleges as per the UGC/ National Assessment Accreditation Council (NAAC) guidelines with the Vice-Chancellor, as Chairperson (in the case of Universities), and Principal, as Chairperson (in case of Colleges). The IQAC shall act as the documentation and record-keeping Cell for the institution, including assistance in the development of Assessment Criteria and Methodology Proforma based on these Regulations. The IQAC may also introduce, wherever feasible, the student feedback system as per the NAAC guidelines on institutional parameters without incorporating the component of the students' assessment of individual teachers in the Assessment Criteria and Methodology Proforma.
 - A. The Assessment of the performance of College and University teachers for the CAS promotion is based on the following criteria:
 - i. **Teaching-Learning and Evaluation:** The commitment to teaching based on observable indicators such as being regular to class, punctuality to class, remedial teaching and clarifying doubts within and outside the class hours, counselling and mentoring, additional teaching to support the college/university as and when the need arises, etc. Examination and evaluation activities like performing of examination supervision duties, question-papers setting for university/college examinations, participation in the evaluation of examination answer scripts, conducting examinations for internal assessment as per the schedule to be announced by the institution at the beginning of each Academic Session and returning and discussing the answers in the class.
 - ii. **Personal Development Related to Teaching and Research Activities:** Attending orientation/refresher/ methodology courses, development of e-contents and MOOCs, organising seminar/ conference/ workshop / presentation of papers and chairing of sessions/guiding and carrying out research projects and publishing the research output in national and international journals etc.
 - iii. **Administrative Support and Participation in Students' Co-curricular and Extra-curricular Activities.**

B. Assessment Process

The following three-step process is recommended for carrying out assessment for promotion under the CAS at all levels:

Step 1: The college/university teachers shall submit to college/university an annual self-appraisal report in the prescribed Proforma to be designed based on Tables 1 to 5 of Appendix II. The report should be submitted at the end of every academic year, within the stipulated time. The teacher will provide documentary evidence for the claims made in the annual self-appraisal report, which is to be verified by the HOD/Teacher-in-charge etc. The submission should be through the Head of the Department(HOD)/teacher-in-charge.

Step 2: After completion of the required years of experience for promotion under CAS and fulfilment of other requirements indicated below, the teacher shall submit an application for promotion under CAS.

Step 3: A CAS Promotion shall be granted as mentioned in Clauses 6.4 of these Regulations.

6.1 Assessment Criteria and Methodology:

- (a) Tables 1 to 3 of Appendix II are applicable to the selection of Assistant Professors/ Associate Professors/ Professors/Senior Professor in Universities and Colleges;
- (b) Table 4 of Appendix II is applicable to Assistant Librarians/ College Librarians and Deputy Librarians for promotion under Career Advancement Scheme; and
- (c) Table 5 of Appendix II is applicable to Assistant Directors/ College teachers of Physical Education sports and Deputy Directors/Directors of Physical Education and Sports for promotions under Career Advancement Scheme

6.2 The constitution of the Selection Committees and Selection Procedure as well as the Assessment Criteria and Methodology for the above cadres, either through direct recruitment or through Career Advancement Scheme, shall be in accordance with these Regulations.

6.3 The criteria for promotions under Career Advancement Scheme laid down under these Regulations shall be effective from the date of notification of these Regulations by State Government. However, if a candidate becomes eligible for promotions under CAS during the period from 01.01.2016 to the date of notification, his/her case shall be governed by the provisions of existing scheme wherever applicable.

- I. A teacher who wishes to be considered for promotion under the CAS may submit in writing to the university/college, within three months in advance of the due date, that he/she fulfils all the requirements under the CAS and submit to the university/college the Assessment Criteria and Methodology Proforma as evolved by the university concerned supported by all credentials as per the Assessment Criteria and Methodology guidelines set out in these Regulations. In order to avoid any delay in holding the Selection Committee meetings for various positions under the CAS, the University/College may initiate the process of screening-selection, and complete the process within six months from the receipt of application. Further, in order to avoid any hardship, the candidates who fulfil all other criteria mentioned in these Regulations, as on and till the date on which these regulations are notified, can be considered for promotion from the date, on or after the date, on which they fulfil these eligibility conditions.
- II. The Selection Committee specifications as contained in Clauses 5.1 to 5.4 shall be applicable to all direct recruitments of faculty positions and equivalent cadres and Career Advancement promotions from Assistant Professor to Associate Professor, from Associate Professor to Professor, Professor to Senior Professor (in University) and for equivalent cadres.
- III. The CAS promotion from a lower stage to a higher stage of Assistant Professor shall be conducted through a "Screening-cum-Evaluation Committee", following the criteria laid down in Table I of Appendix II.
- IV. The promotion under the CAS being a personal promotion to a teacher holding a substantive sanctioned post, on his/her superannuation, the said post shall revert back to its original cadre.
- V. For the promotion under the CAS, the applicant teacher must be on the role and in active service of the University/College on the date of consideration by the Selection Committee.

VI. The candidate shall offer himself/herself for assessment for promotion, if he/she fulfils the minimum grading specified in the relevant Assessment Criteria and Methodology Tables, by submitting an application and the required Assessment Criteria and Methodology Proforma. He/she can do so three months before the due date. The university shall send a general circular twice a year, inviting applications for the CAS promotions from the eligible candidates.

- If a candidate applies for promotion on completion of the minimum eligibility period and is successful, the date of promotion shall be from that of minimum period of eligibility.
- If, however, the candidate finds that he/she would fulfil the CAS promotion criteria, as defined in Tables 1, 2, 4, and 5 of Appendix II at a later date and applies on that date and is successful, his/her promotion shall be effected from that date of the candidate fulfilling the eligibility criteria.
- The candidate who does not succeed in the first assessment, he/she shall have to be re-assessed only after one year. When such a candidate succeeds in the eventual assessment, his/her promotion shall be deemed to be one year from the date of rejection.

6.4 STAGES OF PROMOTION UNDER THE CAREER ADVANCEMENT SCHEME OF INCUMBENT AND NEWLY-APPOINTED ASSISTANT PROFESSORS/ASSOCIATE PROFESSORS/PROFESSORS

A. The entry-level Assistant Professors (Level 10) shall be eligible for promotion under the Career Advancement Scheme (CAS) through two successive levels (Level 11 and Level 12), provided they are assessed to fulfill the eligibility and performance criteria as laid down in Clause 6.3. of these Regulations.

B. Career Advancement Scheme (CAS) for Colleges teachers

I. Assistant Professor (Academic Level 10) to Assistant Professor (Senior Scale/Academic Level 11)

Eligibility: Assistant Professors who have completed four years of service and having a Ph.D. degree or five years of service and having a M.Phil. / PG Degree in Professional Courses, such as LLM, M.Tech., M.V.Sc., M.D., or six years of service for those without Ph.D./M.Phil./ PG Degree in Professional courses.

- Attended one Orientation course of 21 days' duration on teaching methodology; and
- Any one of the following: Completed one Refresher / Research Methodology Course

OR

Any two of the following: Workshop, Syllabus Up-gradation Workshop, Training, Teaching-Learning- Evaluation, Technology Programmes and Faculty Development Programmes of at least one week (5 days) duration,

OR

Completed one MOOCs course (with e-certification) or development of e-contents in four-quadrants / MOOCs course during the assessment period.

CAS Promotion Criteria:

A teacher shall be promoted if;

- He/she gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least three/four/five of the last four/five/six years of the assessment period as the case may be, as specified in Appendix II, Table 1, and;
- The promotion is recommended by the screening-cum-evaluation committee.

II. Assistant Professor (Senior Scale/Academic Level 11) to Assistant Professor (Selection Grade/Academic Level 12)

Eligibility:

- 1) Assistant Professors who have completed five years of service in Academic Level 11/Senior Scale.
- 2) Any two of the following in the last five years of Academic Level 11/ Senior Scale: Completed courses/programmes from among the categories of Refresher Courses/Research Methodology course/Workshops/ Syllabus Up-gradation Workshop/ Teaching-Learning-Evaluation/ Technology Programmes/ Faculty Development Programmes of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration); or completed MOOCs course in the relevant subject (with e-certification); or Contribution towards development of e-content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards development of at least 10 modules of MOOCs course contribution towards conducting of a MOOCs course during the period of assessment.

CAS Promotion Criteria:

A teacher shall be promoted if:

- i) The teacher gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least four of the last five years of the assessment period, (as prescribed in Appendix II, Table 1) and
- ii) The promotion is recommended by the Screening-cum-evaluation committee.

III. Assistant Professor (Selection Grade/Academic Level 12) to Associate Professor (Academic Level 13A)

Eligibility:

- 1) Assistant Professor who has completed three years of service in Academic Level 12 Selection-Grade.
- 2) A Ph.D. degree in subject relevant /allied/relevant discipline shall be mandatory with effect from 5 years from the date of issue of this notification by the State Government.
- 3) Any one of the following during the last three years: completed one course / programme from amongst the categories of Refresher Courses/ Methodology Workshop/Syllabus Up-gradation Workshop/ Teaching- Learning-Evaluation Technology Programme/ Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration); or completed one MOOCs course (with e-certification); or contribution towards development of e-contents in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards development of at least 10 modules of MOOCs course/ contribution towards conduct of a MOOCs course during the period of assessment.

CAS Promotion Criteria:

A teacher may be promoted if:

- i) He she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period as prescribed in Appendix II, Table 1, and
- ii) The promotion to the post of Associate Professor is recommended by the selection committee in accordance with these Regulations.

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IV. Associate Professor (Academic Level 13A) to Professor (Academic Level 14)

Eligibility:

1. Associate Professors who have completed three years of service in Academic Level 13A.
2. A Ph.D. degree in subject relevant/allied/relevant discipline.
3. A minimum of 10 research publications in peer-reviewed or UGC-listed journals out of which three research papers shall be published during the assessment period.
4. A minimum of 110 Research Score as per Appendix II, Table 2.

CAS Promotion Criteria:

A teacher shall be promoted if;

- i) The teacher gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period, as per Appendix II, Table 1.
- ii) The promotion to the post of Professor is recommended by selection committee constituted in accordance with these Regulations.
- iii) Incumbent Associate Professors who have completed three years as Associate Professor on 1st January 2016 and having Ph.D. degree as on that date, shall be re-designated as Professor w.e.f. 1st January 2016 and placed at the appropriate Academic Pay Level if they fulfil all the above mentioned eligibility conditions. If they do not fulfil the above conditions of Research Publications and Research Score as on that date, they are to fulfil these conditions within three years from the date of issue of this notification by the State Government. They shall be promoted to the post of Professor w.e.f. 1st January 2016 but only after the fulfilment of these conditions.
- iv) Incumbent Associate Professors who have not completed three years as Associate Professor on 1st January 2016, shall be re-designated as Professor and placed at the appropriate Academic Pay Level after the completion of 3 years service as Associate Professor and Ph.D. degree if they fulfil all above mentioned eligibility conditions. If they do not fulfil the conditions of Research Publications and Research Score as on that date, they are to fulfil these conditions within three years from the date of issue of this notification by the State Government. They shall be promoted to the post of Professor w.e.f. the date of completion of eligibility conditions (1) and (2) but only after the fulfilment of all eligibility conditions.
- v) After three years from the date of this notification, all the conditions for the promotion of Professor under CAS shall be mandatory and no relaxation of time shall be given to fulfil the conditions regarding research publications and research score.
- vi) Promotion to the post of Professor under CAS shall not affect the original seniority already fixed by the Department in that cadre.

C. Career Advancement Scheme (CAS) for University teachers

I. Assistant Professor (Academic Level 10) to Assistant Professor (Senior Scale/ Academic

Level 11)

Eligibility:

- i) An Assistant Professor who has completed four years of service with a Ph.D. degree or five years of service with a M.Phil. / PG Degree in Professional Courses, such as LLM, M.Tech, M.V.Sc. and M.D., or six years of service in case of those without a Ph.D./M.Phil./ PG Degree in a Professional course and satisfies the following conditions:
- ii) Attended one Orientation course of 21 days duration on teaching methodology;
- iii) Any one of the following: Completed Refresher/ Research Methodology Course/ Workshop/ Syllabus Up-gradation Workshop/ Training Teaching-Learning-Evaluation, Technology Programmes/ Faculty Development Programmes of at least one week (5 days) duration, or

taken one MOOCs course (with e- certification) or development of e-contents in four-quadrants / MOOCs course during the assessment period; and

iv) Published one research publication in the peer-reviewed journals or UGC-listed journals during assessment period.

CAS Promotion Criteria :

A teacher shall be promoted if;

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least three/four/five of the last four/five/six years of the assessment period as the case may be (as provided in Appendix II, Table 1), and;
- ii) The promotion is recommended by the screening-cum evaluation committee.

II. Assistant Professor (Senior Scale/Academic Level 11) to Assistant Professor (Selection Grade/Academic Level 12)

Eligibility:

- i) Assistant Professors who has completed five years of service in Academic Level 11/Senior Scale.
- ii) A Ph.D. Degree in the subject relevant/allied/relevant discipline shall be mandatory with effect from 3 years from the date of issue of this notification by the State Government.
- iii) Has done any two of the following in the last five years of Academic Level 11/Senior Scale: Completed a course / programme from amongst the categories of Refresher Courses/Research Methodology/ Workshops/ Syllabus Up-gradation Workshop Teaching-Learning-Evaluation/ Technology Programmes / Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration), or, completed one MOOCs course in the relevant subject (with e-certification); or contribution towards the development of e-content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards the development of at least 10 modules of MOOCs course/ contribution towards conduct of a MOOCs course during the period of assessment.
- iv) Published three research papers in the peer-reviewed journals or UGC-listed journals during assessment period.

CAS Promotion Criteria:

A teacher shall be promoted if;

- i) The teacher gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least four of the last five years of the assessment period, (as prescribed in Appendix II, Table 1) and;
- ii) The promotion is recommended by the Screening-cum-evaluation committee.

III. Assistant Professor (Selection Grade/Academic Level 12) to Associate Professor (Academic Level 13A)

Eligibility:

- 1) Assistant Professor who has completed three years of service in Academic Level 12/Selection grade.
- 2) A Ph.D. Degree in the subject concerned/allied/relevant discipline shall be mandatory with effect from 3 years from the date of issue of this notification by the State Government.
- 3) Any one of the following during last three years: completed one course / programme from amongst the categories of Refresher Courses/ Research Methodology Workshops/Syllabus Up-gradation Workshop/ Teaching-Learning-Evaluation Technology Programme/ Faculty

Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration); or completed one MOOCs course (with e-certification); or contribution towards the development of e-content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards development of at least 10 modules of MOOCs course/ contribution towards conduct of a MOOCs course during the period of assessment.

- 4) A minimum of seven publications in the peer-reviewed or UGC-listed journals out of which three research papers should have been published during the assessment period.
- 5) Evidence of having guided at least one Ph.D. candidate.

CAS Promotion Criteria:

A teacher shall be promoted if;

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period as specified in Appendix II, Table 1, and has a research score of at least 70 as per Appendix II, Table 2.
- ii) The promotion is recommended by a selection committee constituted in accordance with these Regulations.

IV. Associate Professor (Academic Level 13A) to Professor (Academic Level 14)

Eligibility:

- 1) An Associate Professor who has completed three years of service in Academic Level 13A.
- 2) A Ph.D. degree in the subject concerned/allied/relevant discipline.
- 3) A minimum of ten research publications in the peer-reviewed or UGC-listed journals out of which three research papers should have been published during the assessment period.
- 4) Evidence of having successfully guided doctoral candidate.
- 5) A minimum of 110 Research Score as per Appendix II, Table 2.

CAS Promotion Criteria:

A teacher shall be promoted if;

- i) He/she gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period, as per Appendix II, Table 1, and at least 110 research score, as per Appendix II, Table 2.
- ii) The promotion is recommended by a selection committee constituted in accordance with these Regulations.

❖ V. Professor (Academic Level 14) to Senior Professor (Academic Level 15)

A professor can be promoted to the post of Senior Professor under the CAS. The promotion shall be based on academic achievement, favourable review from three eminent subject-experts who are not of the rank lower than the rank of a Senior Professor or a Professor having at least ten years' of experience. The selection shall be based on 10 best publications during the last 10 years and interaction with a Selection Committee constituted in accordance with these Regulations.

Eligibility:

- i) Ten years' experience as a Professor.
- ii) A minimum of ten publications in the peer-reviewed or UGC-listed journals and Ph.D. degree has been successfully awarded to two candidates under his/her supervision during the assessment period.

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D. Career Advancement Scheme (CAS) for Librarians

Note:

- i) The following provisions apply only to those persons who are not involved in the teaching of Library Science. Teachers in institutions where Library Science is a teaching department shall be covered by the provisions given under sections 6.4 (B) and 6.4 (C), of these Regulations for Colleges/Institutions and for Universities, respectively.
- ii) The Deputy Librarian in Universities shall have two levels i.e. Academic Level 13A and Academic Level 14 while College Librarians shall have five levels i.e. Academic Level 10, Academic Level 11, Academic Level 12, Academic Level 13A and Academic Level 14.

I. From University Assistant Librarian (Academic level 10)/College Librarian (Academic level 10) to University Assistant Librarian (Senior Scale/Academic level 11)/College Librarian (Senior Scale/Academic level 11):

Eligibility:

An Assistant Librarian/ College Librarian who is in Academic Level 10 and has completed four years of service having a Ph.D. degree in Library Science/ Information Science/ Documentation Science or an equivalent degree or five years' of experience, having at least a M.Phil. degree, or six years of service for those without a M.Phil. or a Ph.D. degree.

- (i) He/she has attended at least one Orientation course of 21 days' duration; and
- (ii) Training, Seminar or Workshop on automation and digitalisation, maintenance and related activities, of at least 5 days, as per Appendix II, Table 4.

CAS Promotion Criteria:

An Assistant Librarian/College Librarian may be promoted if:

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least three/four/five out of the last four/five/six years of the assessment period as the case may be as specified in Appendix II, Table 4, and
- ii) The promotion is recommended by a screening-cum-evaluation committee.

II. From University Assistant Librarian (Senior Scale/Academic level 11)/College Librarian (Senior Scale/Academic level 11) to University Assistant Librarian (Selection Grade/Academic level 12)/ College Librarian (Selection Grade/Academic level 12)

Eligibility:

- 1) He/she has completed five years of service in that grade.
- 2) He/she has done any two of the following in the last five years: (i) Training Seminar/Workshop/Course on automation and digitalisation, (ii) Maintenance and other activities as per Appendix II, Table 4 of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration). (iii) Taken/developed one MOOC's course in the relevant subject (with e-certification), or (iv) Library up-gradation course.

CAS Promotion Criteria:

An individual shall be promoted if:

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least four out of the last five years of the assessment period, as specified in Appendix II, Table 4, and;
- ii) The promotion is recommended by a screening-cum-evaluation committee.

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III. From University Assistant Librarian (Selection Grade/Academic level 12)/ College Librarian (Selection Grade/Academic level 12) to University Deputy Librarian (Academic Level 13A)/College Librarian (Academic Level 13A)

- 1) He/she has completed three years of service in that grade.
- 2) He/she has done any one of the following in the last three years: (i) Training/Seminar/Workshop/Course on automation and digitalization, (ii) Maintenance and related activities as per Appendix II, Table 4 of at least two weeks' (ten days) duration, (iii) Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration, (iv) Taken/developed one MOOCs course in the relevant subject (with e-certification), and (v) Library up-gradation course.

CAS Promotion Criteria:

An individual shall be promoted if:

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Appendix II, Table 4; and
- ii) The promotion is recommended by a Selection Committee constituted as per these Regulations on the basis of the interview performance.

IV. The criteria for CAS Promotions from University Deputy Librarian/College Librarian (Academic Level 13A) to University Deputy Librarian/College Librarians (Academic Level 14) shall be the following:

- 1) He/she has completed three years of service in that grade.
- 2) He/she has done any one of the following in the last three years: (i) Training/Seminar/Workshop/Course on automation and digitalization, (ii) Maintenance and related activities as per Appendix II, Table 4 of at least two weeks' (ten days) duration, (iii) Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration, (iv) Taken/developed one MOOCs course in the relevant subject (with e-certification), and (v) Library up-gradation course.
- 3) Evidence of innovative library services, including the integration of ICT in a library.
- 4) A Ph.D. Degree in Library Science/Information Science/Documentation /archives and Manuscript- Keeping.

CAS Promotion Criteria:

An individual shall be promoted if:

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Appendix II, Table 4; and
- ii) The promotion is recommended by a Selection Committee constituted as per these Regulations on the basis of the interview performance.

E. Career Advancement Scheme (CAS) for Directors of Physical Education and Sports

Note:

- i) The following provisions apply only to those personnel who are not involved in teaching physical education and sports. Teachers in institutions where Physical Education and Sports is a teaching department shall be covered by the provisions given under sections 6.4 (B) and 6.4 (C), of these Regulations for Colleges/Institutions and for Universities, respectively.
- ii) The Deputy Director Physical Education and Sports in Universities shall have two

levels i.e. Academic Level 13A and Academic Level 14 while College teachers of Physical Education and Sports shall have five levels i.e. Academic Level 10, Academic Level 11, Academic Level 12, Academic Level 13A and Academic Level 14.

I. From Assistant Director of Physical Education and Sports (Academic Level 10)/Assistant Professor of Physical Education and Sports (Academic Level 10) to Assistant Director of Physical Education and Sports (Senior Scale/Academic Level 11)/Assistant Professor of Physical Education and Sports (Senior Scale/Academic Level 11)

Eligibility:

- i) He/she has completed four years of service with a Ph.D. degree in Physical Education or Physical Education & Sports or Sports Science or five years of service with an M.Phil. degree or six years of service for those without an M.Phil. or Ph.D. degree.
- ii) He/she has attended one Orientation course of 21 days' duration; and
- iii) He/she has done any one of the following: (a) Completed Refresher / Research Methodology Course/ workshop, (b) Training-Teaching-Learning-Evaluation Technology Programme/ Faculty Development Programme of at least 5 days duration and (c) Taken/developed one MOOCs course (with e-certification).

CAS Promotion Criteria:

An individual may be promoted if:

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least three/four/five of the last four/five/six years of the assessment period as the case may be, as specified in Appendix II, Table 5; and
- ii) The promotion is recommended by a screening-cum-evaluation committee.

II. From Assistant Director of Physical Education and Sports (Senior Scale/Academic Level 11)/ Assistant Professor of Physical Education And Sports (Senior Scale/Academic Level 11) to University Assistant Director of Physical Education and Sports (Selection Grade/Academic Level 12) / Assistant Professor of Physical Education and Sports (Selection Grade/Academic Level 12)

- 1) He/she has completed five years of service in that grade.
- 2) He/she has done any two of the following in the last five years:
 - (i) Completed one course/programme from among the categories of refresher courses, research methodology workshops, (ii) Teaching-Learning-Evaluation Technology Programmes / Faculty Development Programmes of at least two weeks (ten days) duration.
 - (iii) Completed two courses of at least one week(five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration, and (iv) Taken/developed one MOOC's course in the relevant subject (with e-certification).

CAS Promotion Criteria:

An individual may be promoted if;

- i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least four out of the last five years' of the assessment period as specified in Appendix II, Table 5, and;
- ii) The promotion is recommended by a screening-cum-evaluation committee.

III. From University Assistant Director of Physical Education and Sports (Selection Grade/Academic Level 12)/ Assistant Professor of Physical Education and Sports (Selection Grade/Academic Level 12) to University Deputy Director of Physical Education and Sports (Academic Level 13 A)/ Associate Professor of Physical Education and Sports (Academic Level 13A)

- 1) He/she has completed three years of service.

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2) He/she has done any one of the following during last three years: (i) Completed one course / programme from among the categories of Refresher Courses, Research Methodology Workshop, (ii) Teaching-Learning- Evaluation Technology Programmes/ Faculty Development Programmes of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration), (iii) Taken / developed one MOOCs course in relevant subject (with e-certification).

CAS Promotion Criteria:

An individual may be promoted if;

- i) He/she gets a 'satisfactory' or 'good' grade performance assessment reports of at least two out of the last three years of the assessment period as specified in Appendix II, Table 5, and;
- ii) The promotion is recommended by a selection committee constituted as per these Regulations on the basis of the interview performance.

IV. The criteria for CAS Promotions from University Deputy Director Physical Education and Sports/Associate Professor of Physical Education and Sports (Academic Level 13A) to University Deputy Director Physical Education and Sports/Professor of Physical Education and Sports (Academic Level 14) shall be the following:

- 1) He/she has completed three years of service.
- 2) He/she has done any one of the following during last three years: (i) Completed one course / programme from among the categories of Refresher Courses, Research Methodology Workshop, (ii) Teaching- Learning-Evaluation Technology Programmes / Faculty Development Programmes of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration). (iii) Taken / developed one MOOCs course in relevant subject (with e-certification).
- 3) Evidence of organising competitions and coaching camps of at least two weeks' duration.
- 4) Evidence of having produced good performance of teams/athletes for competitions like state national inter- university/combined university, etc.
- 5) A Ph.D. in Physical Education or Physical Education and Sports or Sports Science.

CAS Promotion Criteria:

An individual may be promoted if;

- i) He/she gets a 'satisfactory' or 'good' grade performance assessment reports of at least two out of the last three years of the assessment period as specified in Appendix II, Table 5, and;
- ii) The promotion is recommended by a selection committee constituted as per these Regulations on the basis of the interview performance.

6.5. Discretionary award of advance increments for those who enter the profession as Associate Professor or Professor with higher merit, high number of research publications of high quality and experience at the appropriate level, shall be within the competence of the appropriate authority of the University concerned or recruiting institution based on the recommendations of a selection committee while considering the case of individual candidates in the context of the merits of each case, taking into account the pay structure of other teachers in the faculty and other merit- specific factors. Discretionary award of advance increments is not applicable to those entering the profession as Assistant Professor/Assistant Librarian/Assistant Director of Physical Education and Sports and to those who are entitled for grant of advance increments for having acquired a Ph. D., M. Phil. or M.Tech. and LLM degree. However, those entering the service as Assistant Professor/Assistant Librarian/Assistant Director of Physical Education and Sports, having a post-doctoral teaching/research experience, after obtaining a Ph.D. degree and proven credentials, may be eligible for discretionary award of advanced increments to be given to the person, as decided and recorded by the Selection Committee in the minutes of its meeting.

7.0 SELECTION OF PRO VICE-CHANCELLOR/ VICE-CHANCELLOR OF UNIVERSITIES:

Pro Vice- Chancellor

The Pro-Vice-Chancellor shall be appointed by the Government on such terms and conditions of service as may be determined by the Government and he shall exercise such duties as prescribed by the State Government. He shall not be below the rank of a Professor with minimum 08 years of experience as Professor or an officer of the level of Secretary to Government of Haryana belonging to All India Services.

Vice- Chancellor

- i. A person possessing the highest level of competence, integrity, morals and institutional commitment is to be appointed as Vice-Chancellor. The person to be appointed as a Vice-Chancellor should be a distinguished academician, with a minimum of ten years' of experience as Professor in a University or ten years' of experience in a reputed research and / or academic administrative organisation with proof of having demonstrated academic leadership.
- ii. The selection for the post of Vice-Chancellor should be through proper identification by a Panel of 3-5 persons by a Search-cum-Selection-Committee, through a public notification or nomination or a talent search process or a combination thereof. The members of such Search-cum-Selection Committee shall be persons' of eminence in the sphere of higher education and shall not be connected in any manner with the University concerned or its colleges. While preparing the panel, the Search cum-Selection Committee shall give proper weightage to the academic excellence, exposure to the higher education system in the country and abroad, and adequate experience in academic and administrative governance, to be given in writing along with the panel to be submitted to the Visitor/Chancellor. One member of the Search cum- Selection Committee shall be nominated by the Chairman, University Grants Commission, for selection of Vice Chancellors of State, Private and Deemed to be Universities.
- iii. The Visitor/Chancellor shall appoint the Vice Chancellor out of the Panel of names recommended by the Search-cum-Selection Committee.
- iv. The term of office of the Vice-Chancellor shall form part of the service period of the incumbent making him/her eligible for all service related benefits. The selection of Vice-Chancellor shall be made by the State Government as per provisions made from time to time.

8.0 DUTY LEAVE, STUDY LEAVE, SABBATICAL LEAVE (For Universities)

8.1 Duty Leave:

- i. Duty leave upto 30 days in an academic year may be granted for the following purposes:
 - (a) Attending Orientation Programme, Refresher Course, Research Methodology Workshop, Faculty Induction Programme, Conference, Congresses, Symposia and Seminar, as a delegate nominated by the university or with the permission of the university/college;
 - (b) Delivering lectures in institutions and universities at the invitation of such institutions or universities received by the university, and accepted by the Vice-Chancellor/Principal of the College;
 - (c) Working in another Indian or foreign university, any other agency, institution or organisation, when so deputed by the university/College;
 - (d) Participating in a delegation or working on a committee appointed by the Central Government, State Government, the UGC, a sister university or any other similar academic body; and

(e) For performing any other duty assigned to him/her by the university/college.

ii. The duration of leave should be such as may be considered necessary by the sanctioning authority on each occasion.

iii. The leave may be granted on full pay, provided, that if the teacher receives a fellowship or honorarium or any other financial assistance beyond the amount needed for normal expenses, he/she may be sanctioned duty leave on reduced pay and allowances.

iv. Duty leave may be combined with earned leave, half pay leave or extraordinary leave, or Casual leave.

v. Duty leave should be given also for attending meetings in the UGC, DST, etc. where a teacher is invited to share his/her expertise with an academic body, government agency or NGO.

8.2 Study Leave:

i. The scheme of Study Leave provides an opportunity to avail of scholarships/fellowships awarded to the faculty who wish to acquire new knowledge and to improve analytical skills. When a teacher is awarded a scholarship or stipend (by whatever nomenclature called), for pursuing further studies, leading to a Ph.D./Post- doctoral qualification or for undertaking a research project in a higher education institution abroad, the amount of the scholarship/fellowship shall not be linked to the recipient's pay/salary paid to him/her by his/her parent institution. The awardee shall be paid salary for the entire duration of fellowship/scholarship, provided, that he/she does not take up any other remunerative jobs, like teaching, in the host country.

ii. A teacher on Study Leave shall not take up, during the period of that leave, any regular or part-time appointment under an organisation in India or abroad. He/she may, however, be allowed to accept a fellowship or a research scholarship or an ad-hoc teaching and research assignment with an honorarium or any other form of assistance, other than the regular employment in an institution either in India or abroad, provided, that the Executive Council/Syndicate of his/her parent institution may, if it so desires, sanction study leave on reduced pay and allowances to the extent of any receipt in this regard, in-lieu of teaching etc., which may be determined by his/her employer.

iii. The study leave shall be granted to an entry-level appointee as Assistant Professor/Assistant Librarian/Assistant Director of Physical Education and Sport/College DPE&S (other than as Associate Professor or Professor of a University/College/Institution, who is otherwise eligible for sabbatical leave) after a minimum of three years of continuous service, to pursue a special line of study or research directly related to his/her work in the University/College/Institution or to make a special study of the various aspects of University organisation and methods of education, giving full plan of the work.

iv. The study leave shall be granted by the Executive Council/Syndicate on the recommendation of the Head of the Department concerned. The leave shall not be granted for more than three years in one spell, save in exceptional cases, in which the Executive Council/Syndicate is satisfied that such extension is unavoidable on academic grounds and necessary in the interest of the University/College/Institution.

v. The study leave shall not be granted to a teacher who is due to retire within five years of the date on which he/she is expected to return to duty after the expiry of study leave.

vi. The study leave shall be granted not more than twice during one's entire career. However, the maximum period of study leave admissible during the entire service shall not exceed five years.

vii. The study leave may be granted more than once, provided, that not less than five years have elapsed after the teacher/returned to duty on completion of the earlier spell of study leave. For subsequent spell of study leave, the teacher shall indicate the work done during the period of earlier leave as also give details of work to be done during the proposed spell

of study leave.

- viii. No teacher who has been granted study leave shall be permitted to alter substantially the course of study or the programme of research without the permission of the Executive Council/Syndicate, in the event the course of study falls short of study leave sanctioned, the teacher shall resume duty on the conclusion of the course of study unless the previous approval of the Executive Council/Syndicate to treat the period of short-fall as Extra-Ordinary leave has been obtained.
- ix. Subject to the maximum period of absence from duty, on leave not exceeding three years, the study leave may be combined with the earned leave, half-pay leave, extra-ordinary leave of vacation provided that the earned leave at the credit of the teacher shall be availed of at the discretion of the teacher. When the study leave is taken in continuation of vacation, the period of study leave shall be deemed to begin to run on the expiry of the vacation. A teacher, who is selected to a higher post during the study leave, shall be placed in that position and shall get the higher scale only after joining the post.
- x. The period of study leave shall count as service for purpose of the retirement benefits (pension/contributory provident fund), provided that the teacher rejoins the University/College/Institution on the expiry of his/her study leave, and serve the institution for the period for which the Bond has been executed.
- xi. The study leave granted to a teacher shall be deemed to have been cancelled in case it is not availed of within 12 months of its sanction, provided, that where the study leave granted has been so cancelled. The teacher may apply again for such leave.
- xii. A teacher availing himself/herself of the study leave, shall undertake that he/she shall serve the University/College/Institution for a continuous period of at least three years to be calculated from the date of his/her resuming duty on the expiry of the study leave.
- xiii. A teacher-
 - (a) who is unable to complete his/her studies within the period of study leave granted to him/her or
 - (b) who fails to rejoin the services of the University on the expiry of his/her study leave or
 - (c) who rejoins the service of the university but leaves the service without completing the prescribed period of service after rejoining the service or
 - (d) who, within the said period, is dismissed or removed from the service by the University shall be liable to refund, to the University/College/Institution, the amount of the leave salary and allowances and other expenses, incurred on the teacher or paid to him/her or on his/her behalf in connection with the course of study.

Explanation:

If a teacher asks for extension of the study leave and is not granted the extension but does not rejoin duty on the expiry of the leave originally sanctioned, he/she shall be deemed to have failed to rejoin the service on the expiry of his/her leave for the purpose of recovery of dues under these Regulations.

Notwithstanding the above provision, the Executive Council/Syndicate may order that nothing in these Regulations shall apply to a teacher who, within three years of return to duty from study leave is permitted to retire from service on medical grounds, provided further that the Executive Council/Syndicate may, in any other exceptional case, waive or reduce, for reasons to be recorded the amount refundable by a teacher under these Regulations.

- xiv. After the leave has been sanctioned, the teacher shall, before availing himself/herself of the leave, execute a bond in favour of the University/College/Institution, binding himself/herself for the due fulfillment of the conditions laid down in paragraph (x) to (xiii)

above and give security of immovable property to the satisfaction of the Finance Officer/Treasurer or a fidelity bond of an insurance company or a guarantee by a scheduled bank or furnish security of two permanent teachers for the amount which might become refundable to the University/College/Institutions in accordance with paragraph (x) to (xiii) above.

- xv. The teacher on study leave shall submit to the Registrar/Principal of his/her parent University/College/Institution six-monthly reports of progress in his/her studies from his/her supervisor or the Head of the institution. Such report shall reach the Registrar/Principal within one month of the expiry of every six months of the period of the study leave. If the report does not reach the Registrar/Principal within the specified time, the payment of leave salary may be deferred till the receipt of such report.
- xvi. The teacher on leave shall submit a comprehensive report on the completion of the study leave period. A copy of the research document/monograph/academic paper produced during the period of the study leave shall be put in the public domain, preferably on the website of the University/College/Institution.
- xvii. With a view to enhancing the knowledge and skills of the faculty members, especially the junior faculty, at the level of Assistant Professor, the Heads of universities/Colleges/Institutions and their subordinate Departments are enjoined to be generous in the award of study leave in the interest of faculty improvement, thereby impacting the academic standards of the University/College/Institution in the long run.

8.3 Sabbatical Leave:

- i) The permanent, whole-time teachers of the university and colleges who have completed seven years' of service as a Reader/Associate Professor or a Professor may be granted sabbatical leave to undertake study or research or any other academic pursuit solely for the object of increasing their proficiency and usefulness to the university and higher education system. The duration of leave shall not exceed one year, at a time, and two years in the entire career of the teacher.
- ii) A teacher, who has availed himself/herself of study leave, would not be entitled to the sabbatical leave, until after the expiry of five years from the date of the teacher's return from previous study leave or any other kind of training programme of duration of one year or more.
- iii) A teacher shall, during the period of sabbatical leave, be paid full pay and allowances (subject to the prescribed conditions being fulfilled) at the rates applicable to him/her immediately prior to his/her proceeding on sabbatical leave.
- iv) A teacher on sabbatical leave shall not take up, during the period of that leave, any regular appointment under another organisation in India or abroad. He/she may, however, be allowed to accept a fellowship or a research scholarship or ad hoc teaching and research assignment with honorarium or any other form of assistance, other than the regular employment in an institution of advanced studies, *provided* that in such cases the Executive Council/Syndicate may, if it so desires, sanction the sabbatical leave on reduced pay and allowances.
- v) During the period of sabbatical leave, the teacher shall be allowed to draw the increment on the due date. The period of leave shall also count as service for purposes of pension/contributory provident fund, *provided* that the teacher rejoins the university on the expiry of his/her leave.

DUTY LEAVE, STUDY LEAVE AND SABBATICAL LEAVE (For Colleges)

For college teachers, the existing rules namely Haryana Civil Services (Leave) Rules 2016 and Haryana Affiliated Colleges (Leave) Rules 2002 or as amended from time to time shall apply.

8.4 Other Kinds Of Leave Rules For Permanent Teachers Of Universities/Colleges

As per prevalent rules or as decided from time to time shall apply.

9.0 Research Promotion Grant

The UGC or the respective agency (Central/State Governments) may provide a start-up grant at the level of Rs. 3.0 lakhs in Social Sciences, Humanities and Languages and Rs. 6.0 lakhs in Sciences and Technology to teachers and other non-vocational academic staff to take up research immediately after their appointment.

9.1 Consultancy Assignments

The consultancy rules, terms, conditions and the model of revenue sharing between institutions and consultant- teachers shall be as per the UGC Consultancy Rules to be provided separately.

10.0 Counting of Past Services for Direct Recruitment and Promotion under CAS

Previous regular service, whether national or international, as Assistant Professor, Associate Professor or Professor or equivalent in a University, College, National Laboratories or other scientific/professional organisations such as the CSIR, ICAR, DRDO, UGC, ICSSR, ICHR, ICMR and DBT, etc including Govt. Aided Private Colleges of Haryana should be counted for the direct recruitment and promotion under the CAS of a teacher as Assistant Professor, Associate Professor, Professor or any other nomenclature, provided that:

- (a) The essential qualifications of the post held were not lower than the qualifications prescribed by the UGC for Assistant Professor, Associate Professor and Professor, as the case may be.
- (b) The post is/was in an equivalent grade or of the pre-revised scale of pay as the post of Assistant Professor (Lecturer) Associate Professor (Reader) and Professor.
- (c) The concerned Assistant Professor, Associate Professor and Professor should possess the same minimum qualifications as prescribed by the UGC for appointment to the post of Assistant Professor, Associate Professor and Professor, as the case may be.
- (d) The post was filled in accordance with the prescribed selection procedure as laid down in the Regulations of the University/State Government/Central Government/ Institutions concerned, for such appointments and the candidate has applied for direct recruitment through proper channel only.
- (e) The previous appointment was not as guest lecturer for any duration.
- (f) The previous Ad-hoc or Temporary or contractual service (by whatever nomenclature it may be called) shall be counted for direct recruitment and for promotion, provided that:
 - (i) the essential qualifications of the post held were not lower than the qualifications prescribed by the UGC for Assistant Professor, Associate Professor and Professor, as the case may be
 - (ii) the incumbent was appointed on the recommendation of a duly constituted Selection Committee/Selection Committee constituted as per the rules of the respective university and the incumbent was selected to the permanent post in continuation to the Ad-hoc or temporary or contractual service without any break;
 - (iii) the incumbent was drawing total gross emoluments not less than the monthly gross salary of a regularly appointed Assistant Professor, Associate Professor and Professor, as the case may be; and
- (g) No distinctions shall be made with reference to the nature of management of the institution where previous service was rendered (private/local body/Government), while counting the past service under this clause.

11.0 Period of Probation and Confirmation

- 11.1 The minimum period of probation of a teacher shall be one year, extendable by a maximum period of one more year in case of unsatisfactory performance.
- 11.2 The teacher on probation shall be confirmed at the end of one year, unless extended by another year through a specific order, before expiry of the first year.
- 11.3 Subject to Clause 11 of this Regulation, it is obligatory on the part of the university/the

concerned institution to issue an order of confirmation to the incumbents within 45 days of completion of the probation period after following the due process of verification of satisfactory performance.

11.4 The probation and confirmation rules shall be applicable only at the initial stage of recruitment, issued from time to time, by the State Government.

11.5 All other State Government rules on probation and confirmation shall be applicable *mutatis mutandis*.

12.0 Creation and Filling-up of Teaching Posts

12.1 Teaching posts in universities, as far as feasible, may be created in a pyramidal order, for instance, for one post of Professor, there shall be two posts of Associate Professors and four posts of Assistant Professor, per department.

12.2 All the sanctioned/approved posts in the university system shall be filled up on an urgent basis.

13.0 Appointments on Contract Basis

For Universities

The teachers should be appointed on contract basis only when it is absolutely necessary and when the student- teacher ratio does not satisfy the laid-down norms. In any case, the number of such appointments should not exceed 10% of the total number of faculty positions in a College/University. The qualifications and selection procedure for appointing them should be the same as those applicable to a regularly-appointed teacher. The fixed emoluments paid to such contract teachers should not be less than the monthly basic pay of a regularly- appointed Assistant Professor. Such appointments should not be made initially for more than one academic session, and the performance of any such entrant teacher should be reviewed for academic performance before reappointing him/her on contract basis for another session.

For Colleges

For colleges, the existing practice or as decided from time to time shall be adopted.

14.0 Teaching Days

The Universities/Colleges must have at least 180 teaching, i.e., there shall be a minimum of 30 weeks of actual teaching in a 6-day week. Of the remaining period, 12 weeks may be devoted to admission and examination activities, and non-instructional days for co-curricular, sports, college day, etc., 8 weeks for vacations and 2 weeks may be attributed to various public holidays.

The above provision is summarised as follows:

| Categorisation | Number of weeks : 6-days a week pattern | |
|---|---|------------------------|
| | University | College |
| Teaching and Learning Process | 30 weeks (180 days) | 30 weeks (180 days) |
| Admissions, Examinations, and preparation for Examination | 12 | 10 |
| Vacations | 8 | 10 |
| Public Holidays (to increase and adjust teaching days accordingly) | 2 | 2 |
| Total | 52 | 52 |

15.0 Workload

15.1 The workload of the teachers in full employment should not be less than Forty hours a week for Thirty working weeks (One Hundred and Eighty teaching days) in an academic year. It shall be necessary for the teacher to be available for at least Five and half hours daily in the University/College as per existing regulations. However, in the academic interest of the institution and students, Principal or Head of the institution/University may retain the teachers beyond the minimum stay hours and it shall be obligatory on the part of the teachers to comply with any such orders. Teachers shall devote at least Two hours per day for mentoring of students (minimum Fifteen students per coordinator) for Community Development/Extra- Curricular Activities/library consultation/research in case of Under-Graduate Courses and/or at least Two hours per day for research in case of Post-Graduate courses, for which the necessary space and infrastructure shall be provided by the University/College. The direct teaching-learning work load should be as follows:

For Universities:

| | | |
|-------------------------------|---|-------------------|
| Assistant Professor | - | 16 hours per week |
| Associate Professor/Professor | - | 14 hours per week |

For Colleges

Direct teaching hours shall be as per existing rules irrespective of the post as Assistant Professor or Associate Professor or Professor and as prescribed by the State Government from time to time.

15.2 A relaxation of two hours per week in the workload may, however, be given to Professors/ Associate Professors/ Assistant Professors involved in administration/ extension work.

16.0 Service Agreement and Fixing of Seniority

16.1 At the time of recruitment in Universities and Colleges, a service agreement should be executed between the University/College and the teacher concerned and a copy thereof shall be deposited with the Registrar/Principal. Such service agreement shall be duly stamped as per the government rates applicable.

16.2. The self-appraisal methodology, as per Clause 6.0 and its sub-clauses and Clauses 6.1 to 6.4 and all the sub- clauses contained therein and as per Tables 1 to 5 of Appendix II, as per eligibility, shall form part of the service agreement/record.

16.3 Inter-se seniority between the direct recruited and teachers promoted under CAS

For Universities:

The inter-se seniority of a direct recruit shall be determined with reference to the date of joining and for the teachers promoted under the CAS with reference to the date of eligibility as indicated in the recommendations of the selection committee of the respective candidates. However, rules and regulations of the State Government shall apply, for all matters of seniority.

For Colleges:

As per existing rules/ practice or as decided by the Govt. from time to time shall apply.

17.0 Code of Professional Ethics

I. Teachers and their Responsibilities:

Whoever adopts teaching as a profession assumes the obligation to conduct himself / herself in accordance with the ideal of the profession. A teacher is constantly under the scrutiny of his students and the society at large. Therefore, every teacher should see that there is no incompatibility between his precepts and practice. The national ideals of education which have already been set forth and which he/she should seek to inculcate among students must be his/her own ideals. The profession further requires that the teacher should be calm, patient and communicative by temperament and amiable indisposition.

Teacher should:

- (i) Adhere to a responsible pattern of conduct and demeanor expected of them by the community;
- (ii) Manage their private affairs in a manner consistent with the dignity of the profession;
- (iii) Seek to make professional growth continuous through study and research;
- (iv) Express free and frank opinion by participation at professional meetings, seminars, conferences etc., towards the contribution of knowledge;
- (v) Maintain active membership of professional organisations and strive to improve education and profession through them;
- (vi) Perform their duties in the form of teaching, tutorials, practicals, seminars and research work, conscientiously and with dedication;
- (vii) Discourage and not indulge in plagiarism and other non ethical behaviour in teaching and research;
- (viii) Abide by the Act, Statute and Ordinance of the University and to respect its ideals, vision, mission, cultural practices and tradition;
- (ix) Co-operate and assist in carrying out the functions relating to the educational responsibilities of the college and the university, such as: assisting in appraising applications for admission, advising and counselling students as well as assisting the conduct of university and college examinations, including supervision, invigilation and evaluation; and
- (x) Participate in extension, co-curricular and extra-curricular activities, including the community service.

II. Teachers and Students**Teachers should:**

- (i) Respect the rights and dignity of the student in expressing his/her opinion;
- (ii) Deal justly and impartially with students regardless of their religion, caste, gender, political, economic, social and physical characteristics;
- (iii) Recognise the difference in aptitude and capabilities among students and strive to meet their individual needs;
- (iv) Encourage students to improve their attainments, develop their personalities and at the same time contribute to community welfare;
- (v) Inculcate among students scientific temper, spirit of inquiry and ideals of democracy, patriotism, social justice, environmental protection and peace;
- (vi) Treat the students with dignity and not behave in a vindictive manner towards any of them for any reason;
- (vii) Pay attention to only the attainment of the student in the assessment of merit;
- (viii) Make themselves available to the students even beyond their class hours and help and guide students without any remuneration or reward;
- (ix) Aid students to develop an understanding of our national heritage and national goals; and
- (x) Refrain from inciting students against other students, colleagues or administration.

III. Teachers and Colleagues**Teachers should:**

- (i) Treat other members of the profession in the same manner as they themselves wish to be treated;
- (ii) Speak respectfully of other teachers and render assistance for professional betterment;

- (iii) Refrain from making unsubstantiated allegations against colleagues to higher authorities; and
- (iv) Refrain from allowing considerations of caste, creed, religion, race or sex in their professional endeavour.

IV. Teachers and Authorities:

Teachers should:

- (i) Discharge their professional responsibilities according to the existing rules and adhere to procedures and methods consistent with their profession in initiating steps through their own institutional bodies and/or professional organisations for change of any such rule detrimental to the professional interest;
- (ii) Refrain from undertaking any other employment and commitment, including private tuitions and coaching classes which are likely to interfere with their professional responsibilities;
- (iii) Co-operate in the formulation of policies of the institution by accepting various offices and discharge responsibilities which such offices may demand;
- (iv) Co-operate through their organisations in the formulation of policies of the other institutions and accept offices;
- (v) Co-operate with the authorities for the betterment of the institutions keeping in view the interest and in conformity with the dignity of the profession;
- (vi) Adhere to the terms of contract;
- (vii) Give and expect due notice before a change of position takes place; and
- (viii) Refrain from availing themselves of leave except on unavoidable grounds and as far as practicable with prior intimation, keeping in view their particular responsibility for completion of academic schedule.

V. Teachers and Non-Teaching Staff:

Teachers should :

- (i) Treat the non-teaching staff as colleagues and equal partners in a cooperative undertaking, within every educational institution;
- (ii) Help in the functioning of joint-staff councils covering both the teachers and the non-teaching staff.

VI. Teachers and Guardians Teachers should:

Try to see through teachers' bodies and organisations, that institutions maintain contact with the guardians, their students, send reports of their performance to the guardians whenever necessary and meet the guardians in meetings convened for the purpose for mutual exchange of ideas and for the benefit of the institution.

VII. Teachers and Society Teachers should:

- (i) Recognise that education is a public service and strive to keep the public informed of the educational programmes which are being provided;
- (ii) Work to improve education in the community and strengthen the community's moral and intellectual life;
- (iii) Be aware of social problems and take part in such activities as would be conducive to the progress of society and hence the country as a whole;
- (iv) Perform the duties of citizenship, participate in community activities and shoulder responsibilities of public offices;
- (v) Refrain from taking part in or subscribing to or assisting in any way activities, which tend to promote feeling of hatred or enmity among different communities, religions or linguistic groups but actively work for national integration.

The Vice-Chancellor/Pro-Vice-Chancellor/Rector

The Vice-Chancellor/Pro-Vice-Chancellor/Rector should:

- (a) Provide inspirational and motivational value-based academic and executive leadership to the university through policy formation, operational management, optimization of human resources and concern for environment and sustainability;
- (b) Conduct himself/herself with transparency, fairness, honesty, highest degree of ethics and decision making that is in the best interest of the university;
- (c) Act as steward of the university's assets in managing the resources responsibility, optimally, effectively and efficiently for providing a conducive working and learning environment;
- (d) Promote the collaborative, shared and consultative work culture in the university, paving way for innovative thinking and ideas;
- (e) Endeavour to promote a work culture and ethics that brings about quality, professionalism, satisfaction and service to the nation and society.
- (f) Refrain from allowing considerations of caste, creed, religion, race, gender or sex in their professional endeavour.

College Principal should:

- (a) Provide inspirational and motivational value-based academic and executive leadership to the college through policy formation, operational management, optimization of human resources and concern for environment and sustainability;
- (b) Conduct himself/herself with transparency, fairness, honesty, highest degree of ethics and decision making that is in the best interest of the college;
- (c) Act as steward of the College's assets in managing the resources responsibility, optimally, effectively and efficiently for providing a conducive working and learning environment;
- (d) Promote the collaborative, shared and consultative work culture in the college, paving way for innovative thinking and ideas;
- (e) Endeavour to promote a work culture and ethics that brings about quality, professionalism, satisfaction and service to the nation and society.
- (f) Adhere to a responsible pattern of conduct and demeanor expected of them by the community;
- (g) Manage their private affairs in a manner consistent with the dignity of the profession;
- (h) Discourage and not indulge in plagiarism and other non ethical behaviour in teaching and research;
- (i) Participate in extension, co-curricular and extra-curricular activities, including the community service.
- (j) Refrain from allowing considerations of caste, creed, religion, race, gender or sex in their professional endeavour.

Director Physical Education and Sports (University/College)/Librarian (University/College) should:

- (a) Adhere to a responsible pattern of conduct and demean or expected of them by the community;
- (b) Manage their private affairs in a manner consistent with the dignity of the profession;
- (c) Discourage and not indulge in plagiarism and other non ethical behaviour in teaching and research;
- (d) Participate in extension, co-curricular and extra-curricular activities, including the community service.

(e) Refrain from allowing considerations of caste, creed, religion, race, gender or sex in their professional endeavour.

18.0 Maintenance of Standards in Higher-Education Institutions:

In order to maintain the academic standards in higher education, the following recommendations shall be adopted by the respective Universities/Colleges/Institutions:

- i. The process of evaluation for Ph.D. shall be uniform in all the universities in accordance with the respective UGC Regulations and their amendments from time to time, in this regard. The Universities shall adopt these Regulations within six months of their notification.
- ii. There shall be special provision of supernumerary Ph.D. seats not exceeding 10% of the total seats available in the department, if there is no vacant seat available with the eligible Supervisors in that department, to the in-service teachers for encouraging the faculty members of colleges and universities for getting a Ph.D. degree.
- iii. In order to encourage research and increase country's research output, Universities shall accord permission and provide need-based facility for college teachers to supervise Ph.D./M.Phil. scholars. Universities shall amend their Statutes and Ordinances accordingly.
- iv. All newly-recruited faculty members shall be provided one-time seed money/start up grant/research grant for establishing a basic research/computational facility as per the provisions laid down in these regulations.
- v. The Ph.D. degree shall be made a mandatory requirement for recruitment and promotions in accordance with the provisions laid down in these Regulations.
- vi. Research clusters shall be created amongst the universities/colleges/research institutions within the State for sharing research facilities, human resources, skills and infrastructure to ensure optimal utilisation of resources and to create synergies among higher education institutions.
- vii. An induction programme of one month shall be introduced for all newly-recruited Assistant Professors in the universities /colleges/institutions ideally before the starting of their teaching work, but definitely within one year of the recruitment of the new faculty member. In addition to the Human Resource Development Centres of the UGC, Universities/Institutions with the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme shall also organize such induction programmes as per their mandate.
- viii. These induction programmes shall be treated at par with the Orientation Programmes already being run by the Human Resource Development Centres of the UGC for the purpose of the CAS requirements. Universities/Colleges/Institutions shall send the faculty members to such programmes in a phased manner so that the teaching work does not suffer.
- ix. All short-term and long-duration capacity-building programmes for teachers/faculty ranging from one week to one month as well as seminars, workshops in different pedagogic and discipline-specific areas being conducted by centres such as Schools of Education (SoEs), Teaching Learning Centres (TLCs), Faculty Development Centres (FDCs), Centres for Excellence in Science and Mathematics (CESMEs), Centres for Academic Leadership and Education Management (CALEMs) under the PMMMNMTT scheme shall be taken into consideration for fulfilment of the requirements as laid down in Career Advancement Scheme of these Regulations.

19.0 Other Terms and Conditions

19.1 Promotion

When an individual gets a promotion, his new pay on promotion would be fixed in the Pay Matrix as follows:

On promotion, the teacher or equivalent position would be given a notional increment in his/her existing Academic Level of Pay, by moving him/her to the next higher Cell at that Level; and the pay shown in this Cell would now be located in the new Academic Level corresponding to the post to which he/she has been promoted. If a Cell identical with that pay is available in the new Level, that Cell shall be the new pay, otherwise the next higher Cell in that Level shall be the new pay of the teacher or equivalent position. If the pay arrived at in this manner is less than the first Cell in the new Level, then the pay shall be fixed at the first Cell of the new Level.

19.2 Allowances and Benefits

- I. Other allowances and benefits, such as Home town Travel Concession, Leave Travel Concession, Special Compensatory Allowances, Children's Education Allowance, Transport Allowance, House Rent Allowance, House Building Allowance, Deputation Allowance, Travelling Allowance, Dearness Allowance, Area-based Special Compensatory Allowance etc. for teachers and Library and Physical Education and Sports Cadres shall be as applicable as per the relevant rules as notified by the State Government from time to time for Universities and Colleges.
- II. Pension, Gratuity, ex-gratia compensation, Medical Benefits etc. shall also be applicable to teachers and Library and Physical Education and Sports Cadres of Central/State Universities and Colleges including affiliated and constituent Colleges as the case may be as per the relevant rules as notified by the State Government from time to time for Universities and Colleges.

APPENDICES

| | |
|-------------|---|
| Appendix I | Fitment Tables for fixation of pay of the existing incumbents, who were in position as on 01.01.2016, in various categories of posts indicated in the tables (MHRD Notification MHRD letters No. Corrigendum F.No.1-7/2015-U.II(1) dated 08.11.2017 |
| Appendix II | <p><u>Assessment Criteria and Methodology</u></p> <p>Table 1 to 3 - For University and College Teachers</p> <p>Table 4 - For Assistant Librarian, Deputy Librarian, Librarianetc.</p> <p>Table 5 - For Assistant Director/Deputy Director/Director Physical Education and Sports etc.</p> |

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| Pay Band (Rs.) | 15,600-39,100 | 37,400-67,000 | 67,000-79,000 | Grade Pay (Rs.) | 6,000 | 7,000 | 8,000 | 9,000 | 10,000 | 0 |
|--------------------------|---------------|---------------|---------------|-----------------|----------|----------|----------|----------|----------|----------|
| Index of rationalization | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.67 | 2.72 | 2.72 |
| Emry Pay (Rs.) | 21,600 | 22,5,790 | 22,9,900 | 49,200 | 53,000 | 67,000 | 67,000 | 67,000 | 67,000 | 67,000 |
| Academic Level | 10 | 11 | 12 | 12 | 13A | 14 | 14 | 14 | 14 | 15 |
| Remuneration Matrix | 57,700 | 68,900 | 79,800 | 1,31,400 | 1,44,200 | 1,82,200 | 1,82,200 | 1,87,700 | 1,93,300 | 1,99,100 |
| 4 | 63,000 | 75,300 | 87,200 | 1,43,600 | 1,57,600 | 1,99,100 | 1,99,100 | 1,99,100 | 1,99,100 | 1,99,100 |
| 5 | 64,900 | 77,600 | 89,800 | 1,47,900 | 1,62,300 | 2,05,100 | 2,05,100 | 2,05,100 | 2,05,100 | 2,05,100 |
| 6 | 66,800 | 79,900 | 92,500 | 1,52,300 | 1,67,200 | 2,11,300 | 2,11,300 | 2,17,600 | 2,17,600 | 2,17,600 |
| 7 | 68,800 | 82,300 | 95,300 | 1,56,900 | 1,72,200 | 2,17,600 | 2,17,600 | 2,17,600 | 2,17,600 | 2,17,600 |
| 8 | 70,900 | 84,800 | 98,200 | 1,61,600 | 1,77,400 | 2,24,100 | 2,24,100 | 2,24,100 | 2,24,100 | 2,24,100 |
| 9 | 73,000 | 87,300 | 1,01,100 | 1,66,400 | 1,82,700 | | | | | |
| 10 | 75,200 | 89,900 | 1,04,100 | 1,71,400 | 1,88,200 | | | | | |
| 11 | 77,500 | 92,600 | 1,07,200 | 1,76,500 | 1,93,800 | | | | | |
| 12 | 79,800 | 95,400 | 1,10,400 | 1,81,800 | 1,99,600 | | | | | |
| 13 | 82,200 | 98,300 | 1,13,700 | 1,87,300 | 2,05,600 | | | | | |
| 14 | 84,700 | 1,01,200 | 1,17,100 | 1,92,900 | 2,11,800 | | | | | |
| 15 | 87,200 | 1,04,200 | 1,20,600 | 1,98,700 | 2,18,200 | | | | | |
| 16 | 89,800 | 1,07,300 | 1,24,200 | 2,04,700 | | | | | | |
| 17 | 92,500 | 1,10,500 | 1,27,900 | 2,10,500 | | | | | | |
| 18 | 95,300 | 1,13,800 | 1,31,700 | 2,17,100 | | | | | | |
| 19 | 98,200 | 1,17,200 | 1,35,700 | | | | | | | |
| 20 | 1,01,100 | 1,20,700 | 1,39,800 | | | | | | | |
| 21 | 1,04,100 | 1,24,300 | 1,44,000 | | | | | | | |
| 22 | 1,07,200 | 1,28,000 | 1,48,300 | | | | | | | |
| 23 | 1,10,400 | 1,31,800 | 1,52,700 | | | | | | | |
| 24 | 1,13,700 | 1,35,800 | 1,57,300 | | | | | | | |
| 25 | 1,17,100 | 1,39,900 | 1,62,000 | | | | | | | |
| 26 | 1,20,600 | 1,44,100 | 1,66,900 | | | | | | | |
| 27 | 1,24,200 | 1,48,400 | 1,71,900 | | | | | | | |
| 28 | 1,27,900 | 1,52,900 | 1,77,100 | | | | | | | |
| 29 | 1,31,700 | 1,57,500 | 1,82,400 | | | | | | | |
| 30 | 1,35,700 | 1,62,200 | 1,87,900 | | | | | | | |
| 31 | 1,39,800 | 1,67,100 | 1,93,500 | | | | | | | |
| 32 | 1,44,000 | 1,72,100 | 1,99,300 | | | | | | | |
| 33 | 1,48,300 | 1,77,300 | 2,05,300 | | | | | | | |
| 34 | 1,52,700 | 1,82,600 | 2,11,500 | | | | | | | |
| 35 | 1,57,300 | 1,88,100 | | | | | | | | |
| 36 | 1,62,000 | 1,93,700 | | | | | | | | |
| 37 | 1,66,900 | 1,99,500 | | | | | | | | |
| 38 | 1,71,900 | 2,05,500 | | | | | | | | |
| 39 | 1,77,100 | | | | | | | | | |
| 40 | 1,82,400 | | | | | | | | | |

01.01.2016, in various categories of posts indicated in the tables
Fitement Tables for fixation of pay of the existing incumbents, who were in position as on
Appendix I

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Appendix II

Table 1
Assessment Criteria and Methodology for University/College Teachers

| S.No. | Activity | Grading Criteria |
|-------|--|--|
| 1. | Teaching: (Number of classes taught/total classes assigned) x 100% (Classes taught includes sessions on tutorials, lab and other teaching related activities) | 80% & above – Good Below 80% but 70% & above - Satisfactory Less than 70% - Not satisfactory |
| 2. | Involvement in the University/College students related activities/research activities: (a) Administrative responsibilities such as Head, Chairperson/ Dean/ Director/ Coordinator, Warden etc. (b) Examination and evaluation duties assigned by the college / university or attending the examination paper evaluation. (c) Student related co-curricular, extension and field based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports, NCC, NSS and community services. (d) Organising seminars/ conferences/ workshops, other college/university activities. (e) Evidence of actively involved in guiding Ph.D. students. (f) Conducting minor or major research project sponsored by national or international agencies. (g) At least one single or joint publication in peer-reviewed or UGC list of Journals. | Good - Involved in at least 3 activities Satisfactory - 1-2 activities Not-satisfactory - Not involved undertaken any of the activities Note: Number of activities can be within or across the broad categories of activities |

Overall Grading:

Good: Good in teaching and satisfactory or good in activity at Sl. No. 2

Or

Satisfactory: Satisfactory in teaching and good or satisfactory in activity at Sl. No. 2.

Not Satisfactory: If neither good nor satisfactory in overall grading

Note: For the purpose of assessing the grading of Activity at Serial No. 1 and Serial No. 2, all such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for promotion under CAS due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these regulations and as per the acts, statutes and ordinances of the parent institution.

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Table 2

(Appendix II Contd.)

Methodology for University and College Teachers for calculating Academic/Research Score

(Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificates issued by the University and acknowledgements for patent filing and approval letters, students' Ph.D. award letter, etc.,)

| S.N. | Academic/Research Activity | Faculty of Sciences/Engineering/Agriculture/Medical/Veterinary Sciences | Faculty of Languages/Humanities/Arts/Social Sciences/Library/Education/Physical Education/Commerce/Management & other related disciplines |
|------|---|---|---|
| 1. | Research Papers in Peer-Reviewed or UGC listed Journals | 08 per paper | 10 per paper |
| 2. | Publications (other than Research papers) | | |
| | (a) Books authored which are published by ; | | |
| | International publishers | 12 | 12 |
| | National Publishers | 10 | 10 |
| | Chapter in Edited Book | 05 | 05 |
| | Editor of Book by International Publisher | 10 | 10 |
| | Editor of Book by National Publisher | 08 | 08 |
| | | | |
| | (b) Translation works in Indian and Foreign Languages by qualified faculties | | |
| | Chapter or Research paper | 03 | 03 |
| | Book | 08 | 08 |
| 3. | Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula | | |
| | (a) Development of Innovative pedagogy | 05 | 05 |
| | (b) Design of new curricula and courses | 02 per curricula/course | 02 per curricula/course |
| | (c) MOOCs | | |
| | Development of complete MOOCs in 4 quadrants (4 credit course)(In case of MOOCs of lesser credits 05 marks/credit) | 20 | 20 |
| | MOOCs (developed in 4 quadrant) per module/lecture | 05 | 05 |
| | Contentwriter/subject matter expert for each module of MOOCs (at least one quadrant) | 02 | 02 |
| | Course Coordinator for MOOCs (4 credit course) (In case of MOOCs of lesser credits 02 marks/credit) | 08 | 08 |

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| | | | |
|----|--|--|--|
| | (d) E-Content | | |
| | Development of e-Content in 4 quadrants for a complete course/e-book | 12 | 12 |
| | e-Content (developed in 4 quadrants) per module | 05 | 05 |
| | Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant) | 02 | 02 |
| | Editor of e-content for complete course/paper/e-book | 10 | 10 |
| 4 | (a) Research guidance | | |
| | Ph.D. | 10 per degree awarded 05 per thesis submitted | 10 per degree awarded 05 per thesis submitted |
| | M.Phil./P.G dissertation | 02 per degree awarded | 02 per degree awarded |
| | (b) Research Projects Completed | | |
| | More than 10 lakhs | 10 | 10 |
| | Less than 10 lakhs | 05 | 05 |
| | (c) Research Projects Ongoing : | | |
| | More than 10 lakhs | 05 | 05 |
| | Less than 10 lakhs | 02 | 02 |
| | (d) Consultancy | 03 | 03 |
| 5 | (a) Patents | | |
| | International | 10 | 10 |
| | National | 07 | 07 |
| | (b) *Policy Document (Submitted to an International body/organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government) | | |
| | International | 10 | 10 |
| | National | 07 | 07 |
| | State | 04 | 04 |
| | (c) Awards/Fellowship | | |
| | International | 07 | 07 |
| | National | 05 | 05 |
| 6. | *Invited lectures / Resource Person/paper presentation in Seminars/Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once) | | |
| | International (Abroad) | 07 | 07 |
| | International (within country) | 05 | 05 |
| | National | 03 | 03 |
| | State University | 02 | 02 |

Ans

The Research score for research papers would be augmented as follows :

Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list) :

- i) Paper in refereed journals without impact factor - 5 Points
- ii) Paper with impact factor less than 1 - 10 Points
- iii) Paper with impact factor between 1 and 2 - 15 Points
- iv) Paper with impact factor between 2 and 5 - 20 Points
- v) Paper with impact factor between 5 and 10 - 25 Points
- vi) Paper with impact factor >10 - 30 Points

(a) Two authors: 70% of total value of publication for each author.

(b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors.

Joint Projects: Principal Investigator and Co-investigator would get 50% each.

Note:

Paper presented if part of edited book or proceeding then it can be claimed only once.

For joint supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.

*For the purpose of calculating research score of the teacher, the combined research score from the categories of 5(b): Policy Document and 6: Invited lectures/Resource Person/Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned.

The research score shall be from the minimum of three categories out of six categories.

Table 3A

(Appendix II Contd.)

Criteria for Short-listing of Candidates for Interview for the Post of Assistant Professors in Universities

| S.N. | Academic Record | Score | | | |
|------|--|------------------|---------------------------|--|---------------------------|
| 1. | Graduation | 80% & Above = 15 | 60% to less than 80% = 13 | 55% to less than 60% = 10 | 45% to less than 55% = 05 |
| 2. | Post-Graduation | 80% & Above = 25 | 60% to less than 80% = 23 | 55% (50% in case of SC/ST/OBC (non- creamy layer)/PWD) to less than 60% = 20 | |
| 3. | M.Phil. | 60% & above = 07 | 55% to less than 60% = 05 | | |
| 4. | Ph.D. | | 30 | | |
| 5. | NET with JRF | | 07 | | |
| | NET | | 05 | | |
| | SLET/SET | | 03 | | |
| 6. | Research Publications (2 marks for each research publications published in Peer-Reviewed or UGC-listed Journals) | | | 10 | |
| 7. | Teaching / Post Doctoral Experience (2 marks for one year each) # | | | 10 | |
| 8. | Awards | | | | |
| | International / National Level (Awards given by International Organisations/ Government of India / Government of India recognised National Level Bodies) | | | 03 | |
| | State-Level (Awards given by State Government) | | | 02 | |

#However, if the period of teaching/Post-doctoral experience is less than one year then the marks shall be reduced proportionately.

Note:

- (A) (i) M.Phil.+Ph.D. Maximum – 30 Marks
 (ii) JRF/NET/SET Maximum – 07 Marks
 (iii) In awards category Maximum – 03 Marks
- (B) Number of candidates to be called for interview shall be decided by the concerned universities.
- (C)

| | | |
|-----------------------|---|------------|
| Academic Score | - | 80 |
| Research Publications | - | 10 |
| Teaching Experience | - | 10 |
| Total | - | 100 |

(D) Score shall be valid for appointment in respective State SLET/SET Universities/ Colleges/ Institutions only

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Table 3B

(Appendix II Contd.)

Criteria for Short-listing of candidates for Interview for the Post of Assistant Professors in Colleges

| S.N. | Academic Record | Score | | | |
|------|--|------------------|---------------------------|--|---------------------------|
| | | 80% & Above = 21 | 60% to less than 80% = 19 | 55% to less than 60% = 16 | 45% to less than 55% = 10 |
| 1. | Graduation | | | | |
| 2. | Post-Graduation | 80% & Above = 25 | 60% to less than 80% = 23 | 55% (50% in case of SC/ST/OBC (non- creamy layer)/PWD) to less than 60% = 20 | |
| 3. | M.Phil. | 60% & above = 07 | 55% to less than 60% = 05 | | |
| 4. | Ph.D. | | 25 | | |
| 5. | NET with JRF | | 10 | | |
| | NET | | 08 | | |
| | SLET/SET | | 05 | | |
| 6. | Research Publications (2 marks for each research publications published in Peer-Reviewed or UGC-listed Journals) | | | 06 | |
| 7. | Teaching / Post Doctoral Experience (2 marks for one year/each) # | | | 10 | |
| 8. | Awards | | | | |
| | International / National Level (Awards given by International Organisations/ Government of India / Government of India recognised National Level Bodies) | | | 03 | |
| | State-Level (Awards given by State Government) | | | 02 | |

However, if the period of teaching/post-doctoral experience is less than one year then the marks shall be reduced proportionately.

Note : (A)

(i) M.Phil. +Ph.D. Maximum - 25 Marks
 (ii) JRF/NET/SET Maximum - 10 Marks
 (iii) In awards category Maximum - 03 Marks

(B) Number of candidates to be called for interview shall be decided by the college.

(C) Academic Score - 84
 Research Publications - 06
 Teaching Experience - 10

TOTAL - 100

(D) SLET/SET score shall be valid for appointment in respective State Universities/Colleges/institutions only.

Table 4
Assessment Criteria and Methodology for Librarians

| S.No. | Activity | Grading Criteria |
|-------|--|--|
| 1 | <p>Regularity of attending library (calculated in terms of percentage of days attended to the total number of days he/she is expected to attend)</p> <p>While attending in the library, the individual is expected to undertake, interalia, following items of work:</p> <ul style="list-style-type: none"> • Library Resource and Organization and maintenance of books, journals and reports. • Provision of Library reader services such as literature retrieval services to researchers and analysis of report. • Assistance towards updating institutional website | <p>90% and above – Good</p> <p>Below 90% but 80% and above - Satisfactory</p> <p>Less than 80% - Not satisfactory</p> |
| 2. | Conduct of seminars/workshops related to library activity or on specific books or genre of books. | <p>Good – 1 National level seminar/ workshop + 1 State/institution level workshop/Seminar</p> <p>Satisfactory - 1 National level seminar/ workshop or 1 State level seminar/ workshop + 1 institution level seminar/ workshop or 4 institution seminar /workshop</p> <p>Unsatisfactory – Not falling in above two categories</p> |
| 3. | <p>If library has a computerized database then OR</p> <p>If library does not have a computerized database</p> | <p>Good – 100% of physical books and journals in computerized database.</p> <p>Satisfactory – At least 99% of physical books and journals in computerized database.</p> <p>Unsatisfactory – Not falling under good or satisfactory.</p> <p>OR</p> <p>Good – 100% Catalogue database made up to date</p> <p>Satisfactory- 90% catalogue database made up to date</p> <p>Unsatisfactory - Catalogue database not upto mark.</p> <p>(To be verified in random by the CAS Promotion Committee)</p> |

| | | |
|-----------------|--|---|
| 4. | Checking inventory and extent of missing books | Good : Checked inventory and missing book less than 0.5% Satisfactory - Checked inventory and missing book less than 1% Unsatisfactory – Did not check inventory Or Checked inventory and missing books 1% or more. |
| 5. | (i) Digitisation of books database in institution having no computerized database. (ii) Promotion of library network. (iii) Systems in place for dissemination of information relating to books and other resources. (iv) Assistance in college administration and governance related work including work done during admissions, examinations and extra curricular activities. (v) Design and offer short-term courses for users. (vi) Publications of at least one research paper in UGC approved journals. | Good - Involved in any two activities Satisfactory - At least one activity Not Satisfactory - Not involved/ undertaken any of the activities. |
| Overall Grading | Good : Good in Item 1 and satisfactory/good in any two other items including Item 4. Satisfactory : Satisfactory in Item 1 and satisfactory /good in any other two items including Item 4. Not satisfactory : If neither good nor satisfactory in overall grading. | |

Note :

- (1) It is recommended to use ICT technology to monitor the attendance of library staff and compute the criteria of assessment.
- (2) The Librarian must submit evidence of published paper, participation certificate for refresher or methodology course, successful research guidance from Head of Department of the concerned department, project completion.
- (3) The system of tracking user grievances and the extent of grievances redressal details may also be made available to the CAS promotion committee.

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Table 5

(Appendix II Contd.)

Assessment Criteria and Methodology for Directors of Physical Education and Sports

| S. No. | Activity | Grading Criteria |
|--------|--|---|
| 1. | Attendance calculated in terms of percentage of days attended to the total number of days he is expected to attend. | 90 and above - Good Above 80 but below 90- Satisfactory. Less than 80 - Not satisfactory. |
| 2. | Organizing intra college competition | Good - Intra college competition in more than 5 disciplines. Satisfactory - Intra college competition in 3-5 disciplines. Unsatisfactory - Neither good nor satisfactory. |
| 3. | Institution participating in external competitions | Good - National level competition in at least one discipline plus State/District level competition in at least 3 disciplines. Satisfactory- State level competition in at least one discipline plus district level competition in at least 3 disciplines. Or District level competition in at least 5 disciplines. Unsatisfactory - Neither good nor satisfactory. |
| 4. | Up-gradation of sports and physical training infrastructure with scientific and technological inputs. Development and maintenance of playfields and sports and physical Education facilities. | Good/Satisfactory/Not-Satisfactory to be assessed by the Promotion committee. |
| 5. | (i) At least one student of the institution participating in national/ state/ university (for college levels only) teams. Organizing state national/inter university/inter college level competition. (ii) Being invited for coaching at state/national level. (iii) Organizing at least three workshops in a year. (iv) Publications of at least one research paper in UGC approved journal. Assistance in college administration and governance related work including work done during admissions, examinations and extra curricular college activities. | Good: Involved in any two activities. Satisfactory: 1 activity Not Satisfactory : Not involved undertaken any of the activities. |

| | |
|-----------------|---|
| Overall Grading | Good: Good in Item 1 and satisfactory/good in any two other items. Satisfactory: Satisfactory in Item 1 and satisfactory/good in any other two items. Not Satisfactory: If neither good nor satisfactory in overall grading. |
|-----------------|---|

Note:

- i) It is recommended to use ICT technology to monitor the attendance of sports and physical education and compute the criteria of assessment.
- ii) The institution must obtain student feedback. The feed-backs must be shared with the concerned Director of Physical and Education and Sports and also the CAS Promotion committee.
- iii) The system of tracking user grievances and the extent of grievance redressal details may also be made available to the CAS Promotion Committee.

28.14.01

PBAS Proforma for Promotion under CAS (For Teaching Post)

✓
Red 1 5/9/2023 ~~Bank~~ ~~Swiss~~ ~~Deafard~~ ~~Seis~~
18/9/23 18/9/23 18/9/23



**Part I- Application Form for Promotion of Teaching Posts under
Career Advancement Scheme (CAS)**

- To be filled in neatly and legibly by the candidate in his/her own handwriting.
- Candidate must read and follow the "Instructions to Candidates for Appointment" very carefully.
- Applications which are incomplete or are not in conformity with these instructions are liable to be rejected.

Paste attested
passport size
photograph

1. Full Name in Block Letter _____
2. (a) Father/Husband Name _____
(b) Mother's Name _____
3. a) Name of present post _____
b) Department _____
c) Present basic pay with pay band _____
d) Present AGP _____
e) Date of Placement in the
present scale / AGP _____
4. Name of post and AGP for
which promotion is sought _____
5. Assessment Period under CAS _____
6. Due date of Promotion _____
7. (a) Address for Correspondence _____
(Mention your Phone / Mobile _____
number, Email id) _____
- (b) Permanent Address _____

15/9/2023

for /
Sukh
Deepak
sixit

8. Date of Birth _____

9. Place of Birth _____

10. Age on last date for
Receipt of application Years Months Days

11. Male or Female _____

12. Marital Status:
Married / Unmarried

13. Nationality: _____

14. Do you belong to
SC / BC / PWD / ESM / SBC / EB?
(Mention category and attach proof)

15. Educational Qualifications (Strike off which is not applicable):

| Examination/Degree | Year | Division | %age of Marks/Grade | University /Board | Subjects/ Specialization (s) | Awards/ Medal/Merit if any |
|---|------|----------|---------------------|-------------------|--|----------------------------|
| Matric | | | | | | |
| Pre-Uni / 10+2 / Inter/Diploma | | | | | | |
| B.E / B.Tech / BA / B.Sc / B.Com / BBA / any other | | | | | | |
| M.E/M.Tech/MBA/M.Com /M.Sc./MA/MCA or any other Master's Degree | | | | | | |
| NET / SLET / GATE | | | | | | |
| M.Phil | | | | | | |
| Ph.D | | | | | Subject..... Topic of Thesis..... Year of Award of Degree..... Name of the University/Institute that has awarded the Ph.D Degree..... | |
| Any other Qualification | | | | | | |

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15/12/2023

Sidharth
V

Deborah
Raj 819

16. Teaching/Professional/Research positions held (Give in chronological order starting with the present post).

| Employer | Post held | Pay Scale | Basic Pay | Period of employment From To | Nature of duties/work/ |
|----------|-----------|-----------|-----------|---------------------------------|------------------------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

17. (a) Has there been any break in your career?, If so, give details thereof with reasons

(b) Have you ever been punished during your service or convicted by a Court of Law? If so, give details?

(c) Were you at any time declared medically unfit or asked to submit your resignation or discharged or dismissed? If yes, give details in a separate sheet.

18. (a) Total Teaching experience (full-time) in Institute/College/university:

(b) Total Research Experience: _____

(c) Any other experience: _____

19. Research contribution

(b) M.Phil

(c) Master's

(d) Sponsored research/consultancy projects

- (i) Number of sponsored research projects
- (ii) Number of consultancy projects

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(e) Prizes/Medals/Awards/Honors (please specify)

(f) Extra-curricular activities, if any. Give details of proficiency acquired in games, sports and part taken in other extra-curricular or social activities such as NCC, public debates and social service etc.

20. Have you studied Hindi up to Matric standard? Yes/No _____

21.(a) Assessment as per Table-1 of Appendix II of UGC-Regulations 2018.

Table: 1

| S.No. | Activity | Grading |
|-------|--|---------|
| 1. | Teaching: (Number of classes taught/ assigned) x 100% | |
| 2. | Involvement in the University/College students related activities/research activities. | |

21(b) Assessment as per Table-2 of Appendix II of UGC-Regulations 2018.

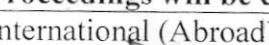
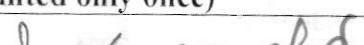
Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter and utilization and completion certificates issued by the University and acknowledgements for patent filing and approval letters, students Ph. D award letter, etc.

Table: 2

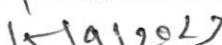
| S.No. | Academic/Research Activity | Self-Assessment Score | Annexure | Research Score |
|-------|---|-----------------------|----------|----------------|
| 1. | Research Papers in Peer-reviewed or UGC listed Journals | | | |
| 2. | Publications(other than Research papers) | | | |
| | (a) Books authored which are published by: | | | |
| | International publishers | | | |
| | National Publishers | | | |
| | Chapter in Edited Book | | | |
| | Editor of Book by International Publisher | | | |
| | Editor of Book by National Publisher | | | |
| | (b) Translation works in Indian and Foreign Languages by qualified faculties | | | |
| | Chapter of Research paper | | | |
| | Book | | | |
| 3. | Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula | | | |
| | (a) Development of Innovative pedagogy | | | |
| | (b) Design of new curricula and courses | | | |

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| | | | | |
|----|---|--|--|--|
| | (c) MOOCs | | | |
| | Development of complete MOOCs in 4 quadrants (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit) | | | |
| | MOOCs (developed in 4 quadrant) per module/lecture | | | |
| | Content writer/subject matter expert for each module of MOOCs (at least one quadrant) | | | |
| | Course Coordinator for MOOCs (4 credit course) (In case of MOOCs of lesser credits 02 marks/credit) | | | |
| | (d) E-Content | | | |
| | Development of e-Content in 4 quadrants for a complete course/e-book | | | |
| | E- content (developed in 4 quadrants) per module | | | |
| | Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant) | | | |
| | Editor of e-content for complete course/paper/ e-book | | | |
| 4. | (a) Research guidance | | | |
| | Ph.D. | | | |
| | M.Phil/P.G dissertation | | | |
| | (b) Research Projects Completed | | | |
| | More than 10 lakhs | | | |
| | Less than 10 lakhs | | | |
| | (c) Research Projects On-going: | | | |
| | More than 10 lakhs | | | |
| | Less than 10 lakhs | | | |
| | (d) Consultancy | | | |
| 5. | (a) Patents | | | |
| | International | | | |
| | National | | | |
| | (b) *Policy Document (Submitted to an International body/organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government) | | | |
| | International | | | |
| | National | | | |
| | State | | | |
| | (c) Awards/Fellowship | | | |
| | International | | | |
| | National | | | |
| 6. | *Invited lectures/Resource Person/paper presentation in Seminars/Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once) | | | |
| | International (Abroad) | | | |



| | | | | |
|--|--------------------------------|--|--|--|
| | International (within country) | | | |
| | National | | | |
| | State University | | | |

21 (e).

(i) Whether faculty member qualifies as per requirement of Table-1:-

(ii) Whether faculty member qualifies as per requirement of Table-2:-

I certify that the foregoing information given by me is correct, complete to the best of my knowledge and belief and no material information has been concealed. I am not aware of any circumstances which may impair my fitness for employment.

Date.....

Signature of the Candidate

Recommendation of Chairperson

Research Score Verified by IQAC

Recommendation of Screening Committee/Selection Committee

Final Recommendation

INSTRUCTIONS

I. The following instructions contain the detailed requirements of Table-1 and 2.

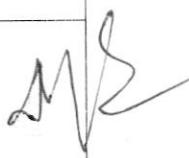
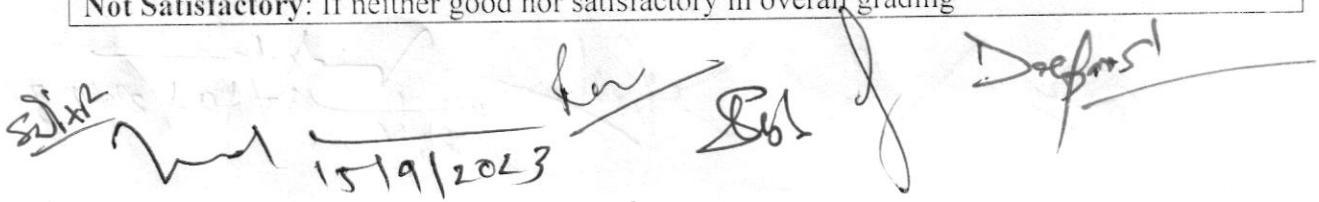
| S.No. | Activity | Grading Criteria |
|--------------|--|--|
| 1. | <p>Teaching: (Number of classes taught/ assigned) x 100%</p> <p>(Classes taught includes sessions on tutorials, lab and other teaching related activities)</p> | <p>total classes 80% & above – Good</p> <p>Below 80% but 70% & above Satisfactory</p> <p>Less than 70% - Not satisfactory</p> |
| 2. | <p>Involvement in the University/College students related activities/research activities:</p> <p>(a) Administrative responsibilities such as Head. Chairperson/ Dean/ Director/ Co-ordinator, Warden etc.</p> <p>(b) Examination and evaluation duties assigned by the college/ university or attending the examination paper evaluation.</p> <p>(c) Student related co-curricular, extension and field-based activities such as student clubs, career counselling, study visits, student seminars and other events, cultural, sports. NCC, NSS and community services.</p> <p>(d) Organising seminars/conferences/ workshops. other college/university activities.</p> <p>(e) Evidence of actively involved in guiding Ph.D. students.</p> <p>(f) Conducting minor or major research project sponsored by national or international agencies.</p> <p>(g) At least one single or joint publication in peer reviewed or UGC list of Journals.</p> | <p>Good - Involved in at least 3 activities</p> <p>Satisfactory 1-2 activities</p> <p>Not-satisfactory Not undertaken any of the activities</p> <p>Note: Number of activities can be within one across the broad categories of activities</p> |

Overall Grading:

Good: Good in teaching and satisfactory or good in activity at Sl. No. 2 Or

Satisfactory: Satisfactory in teaching and good or satisfactory in activity at Sl. No. 2.

Not Satisfactory: If neither good nor satisfactory in overall grading

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Note: For the purpose of assessing the grading of Activity at Serial No. 1 and Serial No. 2, all such

such periods of duration which have been spent by the teacher on different kinds of paid leaves such as Maternity Leave, Child Care Leave, Study Leave, Medical Leave, Extraordinary Leave and Deputation shall be excluded from the grading assessment. The teacher shall be assessed for the remaining period of duration and the same shall be extrapolated for the entire period of assessment to arrive at the grading of the teacher. The teacher on such leaves or deputation as mentioned above shall not be put to any disadvantage for promotion under CAS due to his/her absence from his/her teaching responsibilities subject to the condition that such leave/deputation was undertaken with the prior approval of the competent authority following all procedures laid down in these regulations and as per the acts, statutes and ordinances of the parent institution.

II. Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter and utilization and completion certificates issued by the University and acknowledgements for patent filing and approval letters, students Ph. D award letter, etc.

| S.No. | Academic/Research Activity | Faculty of Science/Engineering/Agriculture/Medical/Veterinary Sciences | Faculty of Languages/Humanities/Arts/Social Sciences/Library/Education/Physical Education/Commerce/Management & other related disciplines |
|-------|---|--|---|
| 1 | Research Papers in Peer-reviewed or UGC listed Journals | 8 per paper | 10 per paper |
| 2 | Publications(other than Research papers) | | |
| | (a)Books authored which are published by: | | |
| | International publishers | 12 | 12 |
| | National Publishers | 10 | 10 |
| | Chapter in Edited Book | 05 | 05 |
| | Editor of Book by International Publisher | 10 | 10 |
| | Editor of Book by National Publisher | 08 | 08 |
| | (b)Translation works in Indian and Foreign Languages by qualified faculties | | |
| | Chapter of Research paper | 03 | 03 |
| | Book | 08 | 08 |
| 3 | Creation of ICT mediated Teaching Learning pedagogy and | | |

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| | | | |
|---|---|--|--|
| | content and development of new and innovative courses and curricula | | |
| | (a)Development of Innovative pedagogy | 05 | 05 |
| | (b)Design of new curricula and courses | 02per curricula/course | 02 per curricula/course |
| | (c)MOOCs | | |
| | Development of complete MOOCs in 4 quadrants (4 credit course) (In case of MOOCs of lesser credits 05 marks/credit) | 20 | 20 |
| | MOOCs (developed I 4 quadrant) per module/lecture | 05 | 05 |
| | Content writer/subject matter expert for each module of MOOCs (at least one quadrant) | 02 | 02 |
| | Course Coordinator for MOOCs (4 credit course) (In case of MOOCs of lesser credits 02 marks/credit) | 08 | 08 |
| | (d)E-Content | | |
| | Development of e-Content in 4 quadrants for a complete course/e-book | 12 | 12 |
| | E- content (developed in 4 quadrants) per module | 05 | 05 |
| | Contribution to development of e-content module in complete course/paper/e-book (at least one quadrant) | 02 | 02 |
| | Editor of e-content for complete course/paper/ e-book | 10 | 10 |
| 4 | (a)Research Guidance | | |
| | Ph.D. | 10 per degree awarded 05 per thesis submitted | 10 per degree awarded 05 per thesis submitted |
| | M.Phil/P.G dissertation | 02 per degree awarded | er degree awarded |
| | (b)Research Projects Completed | | |
| | More than 10 lakhs | 10 | 10 |
| | Less than 10 lakhs | 05 | 05 |
| | (c) Research Projects On-going | | |
| | More than 10 lakhs | 05 | 05 |
| | Less than 10 lakhs | 02 | 02 |
| | (d)Consultancy | 03 | 03 |
| 5 | (a)Patents | | |
| | International | 10 | 10 |

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| | | | |
|---|---|----|----|
| | National | 07 | 07 |
| | (b)*Policy Document (Submitted to an International body/organisation like UNO/UNESCO/World Bank/International Monetary Fund etc. or Central Government or State Government) | | |
| | International | 10 | 10 |
| | National | 07 | 07 |
| | State | 04 | 04 |
| | (c)Awards/Fellowship | | |
| | International | 07 | 07 |
| | National | 05 | 05 |
| 6 | *Invited lectures/Resource Person/paper presentation in Seminars/Conferences/full paper in Conference Proceedings (Paper presented in Seminars/Conferences and also published as full paper in Conference Proceedings will be counted only once) | | |
| | International (Abroad) | 07 | 07 |
| | International (within country) | 05 | 05 |
| | National | 03 | 03 |
| | State University | 02 | 02 |

The Research score for research papers would be augmented as follows:

Peer-Reviewed or UGC-listed Journals (Impact factor to be determined as per Thomson Reuters list):

| | | |
|--|---|-----------|
| Paper in refereed journals without impact factor | - | 5 points |
| Paper with impact factor less than 1 | - | 10 points |
| Paper with impact factor between 1 and 2 | - | 15 points |
| Paper with impact factor between 2 and 5 | - | 20 points |
| Paper with impact factor between 5 and 10 | - | 25 points |
| Paper with impact factor >10 | - | 30 points |

(a) Two authors: 70% of total value of publication for each author.

(b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors. Joint Projects; Principal Investigator and Co-investigator would get 50% each.

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Note: Paper presented if part of edited book or proceeding then it can be claimed only once. For joint supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.

*For the purpose of calculating research score of the teacher, the combined research score from the categories of 5(b): Policy Document and 6: Invited lecture/Resource Person/Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned. The research score shall be from the minimum of three categories out of six categories.

III. Minimum academic performance and service requirements for promotion of teachers in universities and colleges

| S.N O | Promotion of Teachers through CAS | Eligibility | CAS promotion criteria |
|----------|---|---|--|
| 1. | Entry-level Assistant Professor (Level 10) / Assistant Professor (Senior Scale/Academic Level 11) | <p>i) An Assistant Professor who has completed four years of service with a Ph.D. degree or five years of service with a M.Phil. PG Degree in Professional Courses, such as LLM, M.Tech, M.V.Sc. and M.D., or six years of service in case of those without a Ph.D./M.Phil./ PG Degree in a Professional course and satisfies the following conditions:</p> <p>ii) Attended one Orientation course of 21 days duration on teaching methodology;</p> <p>iii) Any one of the following: Completed Refresher/ Research Methodology Course/ Workshop/ Syllabus Up-gradation Workshop/ Training Teaching-Learning-Evaluation, Technology Programmes/ Faculty Development Programmes of at least one week (5 days) duration, or taken one MOOCs course (with e- certification) or development of e-contents in four-quadrants MOOCs course during the assessment period; and</p> <p>iv) Published one research publication in the peer-reviewed journals or UGC-listed journals during assessment period.</p> | <p>i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least three/four/five of the last four/five/six years of the assessment period as the case may be (as provided in Appendix II, Table 1), and;</p> <p>ii) The promotion is recommended by the screening-cum evaluation committee.</p> <p><i>M/S</i></p> |

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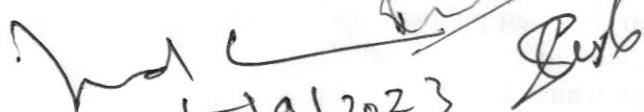
| | | | |
|----|--|--|--|
| 2. | <p>Assistant professor (Senior Scale/Academic level 11) to Assistant Professor (Selection Grade/Academic Level 12)</p> | <p>i) Assistant Professors who has completed five years of service in Academic Level 11/Senior Scale.</p> <p>ii) A Ph.D. Degree in the subject relevant/allied/relevant discipline shall be mandatory with effect from 3 years from the date of issue of this notification by the State Government.</p> <p>iii) Has done any two of the following in the last five years of Academic Level 11/Senior Scale: Completed a course programme from amongst the categories of Refresher Courses Research Methodology/ Workshops Syllabus Up-gradation Workshop Teaching-Learning-Evaluation/ Technology Programmes Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration), or, completed one MOOCs course in the relevant subject (with e-certification); or contribution towards the development of e-content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards the development of at least 10 modules of MOOCs course/ contribution towards conduct of a MOOCs course during the period of assessment.</p> <p>iv) Published three research papers in the peer-reviewed journals or UGC-listed journals during assessment period.</p> | <p>i) The teacher gets a satisfactory or 'good' grade in the annual performance assessment reports of at least four of the last five years of the assessment period. (as prescribed in Appendix II, Table 1) and:</p> <p>ii) The promotion is recommended by the Screening-cum-evaluation committee.</p> |
| 3. | <p>Assistant professor (Selection Grade/Academic Level 12) to Associate Professor(Academic Level 13A)</p> | <p>1) Assistant Professor who has completed three years of service in Academic Level 12/Selection grade.</p> <p>2) A Ph.D. Degree in the subject concerned/allied/relevant discipline shall be mandatory with effect from 3 years from the date of issue of this notification by the State Government.</p> | <p>i) He she gets a satisfactory or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period as specified in Appendix II, Table 1, and has a research score of at</p> |

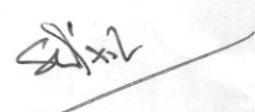
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| | | | |
|----|--|---|---|
| | | <p>3) Any one of the following during last three years: completed one course / programme from amongst the categories of Refresher Courses/ Research Methodology Workshops/Syllabus Up-gradation Workshop/ Teaching-Learning-Evaluation Technology Programme/ Faculty Development Programme of at least two weeks (ten days) duration (or completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration); or completed one MOOCs course (with e- certification); or contribution towards the development of c-content in 4-quadrant (at least one quadrant) minimum of 10 modules of a course/contribution towards development of at least 10 modules of MOOCs course/contribution towards conduct of a MOOCs course during the period of assessment.</p> <p>4) A minimum of seven publications in the peer-reviewed or UGC-listed journals out of which three research papers should have been published during the assessment period.</p> <p>5) Evidence of having guided at least one Ph.D. candidate.</p> | <p>least 70 as per Appendix II, Table 2.</p> <p>ii) The promotion is recommended by a selection committee constituted in accordance with these Regulations.</p> |
| 4. | <p>Associate Professor (Academic Level 13A) to Professor (Academic Level 14)</p> | <p>1) An Associate Professor who has completed three years of service in Academic Level 13A.</p> <p>2) A Ph.D. degree in the subject concerned/allied/relevant discipline.</p> <p>3) A minimum of ten research publications in the peer-reviewed or UGC-listed journals out of which three research papers should have been published during the assessment period.</p> | <p>i) He/she gets 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two of the last three years of the assessment period, as per Appendix II, Table 1, and at least 110 research score, as per Appendix II, Table 2.</p> <p>ii) The promotion is recommended by a selection committee constituted in accordance with these Regulations.</p> |

15/9/23 8:6 p.m. *[Handwritten signatures and initials are present below the table]*

| | | | |
|----|---|---|--|
| | | <p>4) Evidence of having successfully guided doctoral candidate.</p> <p>5) A minimum of 110 Research Score as per Appendix II, Table 2.</p> | |
| 5. | Professor (Academic Level 14) to Senior Professor (Academic Level 15) | <p>i) Ten years' experience as a Professor.</p> <p>ii) A minimum of ten publications in the peer-reviewed or UGC-listed journals and Ph.D. degree has been successfully awarded to two candidates under his/her supervision during the assessment period.</p> | <p>A professor can be promoted to the post of Senior Professor under the CAS. The promotion shall be based on academic achievement, favorable review from three eminent subject-experts who are not of the rank lower than the rank of a Senior Professor or a Professor having at least ten years of experience. The selection shall be based on 10 best publications during the last 10 years and interaction with a Selection Committee constituted in accordance with these Regulations.</p> |


 15/9/2023 



28.14.02

PBAS Proforma for Promotion under CAS (For Library Staff)

✓ 15/9/2023 ✓ 18/9/23 ✓ 18/9/23
Santosh Gulati Devaraj
Sel



**Part I- Application Form for Promotion of Library Staff under
Career Advancement Scheme (CAS)**

- To be filled in neatly and legibly by the candidate in his/her own handwriting.
- Candidate must read and follow the "Instructions to Candidates for Appointment" very carefully.
- Applications which are incomplete or are not in conformity with these instructions are liable to be rejected.

Paste attested
passport size
photograph

1. Full Name in Block Letter _____
2. (a) Father/Husband Name _____
(b) Mother's Name _____
3. a) Name of present post _____
b) Department _____
c) Present basic pay with pay band _____
d) Present AGP _____
e) Date of Placement in the
present scale / AGP _____
4. Name of post and AGP for
which promotion is sought _____
5. Assessment Period under CAS _____
6. Due date of Promotion _____
7. (a) Address for Correspondence _____
(Mention your Phone / Mobile _____
number, Email id) _____

(b) Permanent Address _____

[Handwritten signatures and initials follow, including 'K', 'M', 'L', '15/09/2023', 'Dayanidhi', 'S. S. D.', and 'S. S. D. 2023']

8. Date of Birth _____

9. Place of Birth _____

10. Age on last date for receipt of application Years Months Days

11. Male or Female _____

12. Marital Status: _____

13. Nationality: _____

14. Do you belong to _____
(Mention category and attach proof)

15. Educational Qualifications (Strike off which is not applicable):

| Examination/Degree | Year | Division | %age of Marks/Grade | University/Board | Subjects/Specialization(s) | Awards/Medal/Merit, if any |
|--|------|----------|--|------------------|----------------------------|----------------------------|
| Matric | | | | | | |
| Pre-Uni / 10+2 / Inter | | | | | | |
| B.E / B.Tech / BA / B.Sc / B. com / BBA / any other | | | | | | |
| M.E / M.Tech / MBA / M.Co m / M.Sc. / MA / MCA or any other Master's Degree | | | | | | |
| NET / SLET / GATE | | | | | | |
| M.Phil | | | | | | |
| Ph.D | | | Subject..... Topic of Thesis..... Year of Award of Degree..... Name of the University / Institute that has awarded the Ph.D Degree..... | | | |
| Any other Qualification | | | | | | |

16. Teaching/Professional/Research positions held (Give in chronological order starting with the present post).

| Employer | Post held | Pay Scale | Basic Pay | Period of employment From To | Nature of duties/work /Teaching / Research / other |
|----------|-----------|-----------|-----------|---------------------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |

Subsidiary *Teachers*

MR

15/9/2023

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

17. (a) Has there been any break in

your career? If so, give details thereof with reasons _____

(b) Have you ever been punished during your service or convicted by a Court of

Law? If so, give details? _____

(c) Were you at any time declared medically unfit or asked to submit your resignation or discharged or dismissed? If yes, give details in a separate sheet. _____

18. (a) Total Teaching experience (full-time) in Institute/College/university: _____

(b) Total Research Experience: _____

(c) Any other experience: _____

19. Research contribution

Awarded Submitted In Progress

(i) PhD

(ii) M.Phil

(iii) Master's

(iv) Sponsored research/consultancy projects

(a) Number of sponsored research projects

(b) Number of consultancy projects

(v) Prizes/Medals/Awards/Honors (please specify)

(vi) Extra-curricular activities, if any. Give details of proficiency acquired in games, sports and part taken in other extra-curricular or social activities such as NCC, public debates and social service etc.

20. Have you studied Hindi up to Matric standard? Yes/No _____

21(a). Assessment as per Table -4 of Appendix -II of UGC Regulations 2018.

Table-4

| S.No. | Activity | Grading |
|-------|---|---------|
| 1. | Regularity of attending library (calculated in terms of percentage of days attended to the total number of days he/she is expected to attend) | |

20/11/2023 W/B Deepsanjana 15/11/23

| | | |
|---|--|--|
| I | 2. Conduct of seminar/workshops related to library activities or on specific books or genre of books. | |
| | 3. If library has computerized database then OR If library does not have a computerized database | |
| | 4. Checking inventory and extent of missing books. | |
| | 5. (i) Digitisation of books database in institution having no computerized database. (ii) Promotion of library network. (iii) Systems in place for dissemination of information relating to books and other resources. (iv) Assistance in college administration and governance related work including work done during admissions, examinations and extracurricular activities. (v) Design and offer short-term courses for users. (vi) Publications of at least one research paper in UGC approved journals. | |

21(b). Whether the person qualifies as per requirement of Table-4:-

I certify that the foregoing information given by me is correct, complete to the best of my knowledge and belief and no material information has been concealed. I am not aware of any circumstances which may impair my fitness for employment.

Date

Signature of the Candidate

Recommendation of Librarian/Dean Librarian

Verification by IQAC

Recommendation of Screening Committee/Selection Committee

Final Recommendation

INSTRUCTIONS

The following instructions contain the detailed requirements of Table-4.

| S.No. | Activity | Grading |
|-------|--|--|
| 1. | <p>Regularity of attending library (calculated in terms of percentage of days attended to the total number of days he/she is expected to attend)</p> <p>While attending in the library, the individual is expected to undertake, interalia, following items of work:</p> <ul style="list-style-type: none"> • Library Resource and Organization and maintenance of books, journals and reports. • Provision of Library reader services such as literature retrieval services to researchers and analysis of report. • Assistance towards updating institutional website | <p>90% & above – Good</p> <p>Below 90% but 80% & above- Satisfactory</p> <p>Less than 80% - Not satisfactory</p> |
| 2. | Conduct of seminar/workshops related to library activities or on specific books or genre of books. | <p>Good - 1 National level seminar/ workshop + State/institution level workshop/Seminar</p> <p>Satisfactory - 1 National level seminar/ workshop or 1 State level seminar/ workshop + 1 institution level seminar/ workshop or 4 institution seminar/ workshop</p> <p>Unsatisfactory - Not falling in above two categories</p> |
| 3. | <p>If library has computerized database then OR</p> <p>If library does not have a computerized database</p> | <p>Good - 1 National level seminar/ workshop + State/institution level workshop/Seminar</p> <p>Satisfactory - 1 National level seminar/ workshop or 1 State level seminar/ workshop + 1 institution level seminar/ workshop or 4 institution seminar/ workshop</p> <p>Unsatisfactory - Not falling in above two categories</p> |
| 4. | Checking inventory and extent of missing books. | <p>Good: Checked inventory and missing book less than 0.5%</p> <p>Satisfactory - Checked inventory and missing book less than 1%</p> <p>Unsatisfactory - Did not check inventory</p> |

| | | |
|----|---|--|
| | | Or Checked inventory and missing books 1% or more. |
| 5. | <ul style="list-style-type: none"> (i) Digitisation of books database in institution having no computerized database. (ii) Promotion of library network. (iii) Systems in place for dissemination of information relating to books and other resources. (iv) Assistance in college administration and governance related work including work done during admissions, examinations and extracurricular activities. (v) Design and offer short-term courses for users. (vi) Publications of at least one research paper in UGC approved journals. | <p>Good - Involved in any two activities</p> <p>Satisfactory - At least one activity</p> <p>Not Satisfactory - Not involved undertaken any of the activities</p> |

Overall Grading:

Good: Good in item 1 and satisfactory/good in any two other items including item 4.

Satisfactory: Satisfactory in item 1 and satisfactory/good in any other two items including item 4.

Not Satisfactory: If neither good nor satisfactory in overall grading

Note:

- (1) It is recommended to use ICT technology to monitor the attendance of library staff and compute the criteria of assessment.
- (2) The Librarian must submit evidence of published paper, participation certificate for refresher or methodology course, successful research guidance from Head of Department of the concerned department, project completion.
- (3) The system of tracking user grievances and the extent of grievances redressal details may also be made available to the CAS promotion committee.

15/9/2023

B.R. Deoarsi

APPENDIX-II TABLE -IV
CAREER ADVANCEMENT SCHEME (CAS) FOR LIBRARIANS.

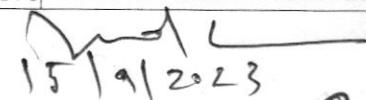
Note:

i) The following provisions apply only to those persons who are not involved in the teaching of Library Science. Teachers in institutions where Library Science is a teaching department shall be covered by the provisions given under sections 6.4 (B) and 6.4 (C), of these Regulations for Colleges/Institutions and for Universities, respectively.

ii) The Deputy Librarian in Universities shall have two levels i.e. Academic Level 13A and Academic Level 14 while College Librarians shall have five levels i.e. Academic Level 10, Academic Level 11, Academic Level 12, Academic Level 13A and Academic Level 14.

| S.N O | Promotion of Librarians through CAS | Eligibility | CAS promotion criteria |
|----------|--|---|---|
| 1. | From University Assistant Librarian (Academic level 10)/College Librarian (Academic level 10) to University Assistant Librarian (Senior Scale/Academi c level 11)/College Librarian (Senior Scale/Academi c level 11): | <p>An Assistant Librarian College Librarian who is in Academic Level 10 and has completed four years of service having a Ph.D. degree in Library Science/ Information Science/ Documentation Science or an equivalent degree or five years' of experience, having at least a M.Phil. degree, or six years of service for those without a M.Phil. or a Ph.D. degree.</p> <p>(i) He/she has attended at least one Orientation course of 21 days' duration; and</p> <p>(ii) Training, Seminar or Workshop on automation and digitalisation, maintenance and related activities. of at least 5 days, as per Appendix II. Table 4.</p> | <p>i) He/she gets a 'satisfactory' or "good grade in the annual performance assessment reports of at least three/four/five out of the last four/five/six years of the assessment period as the case may be as specified in Appendix II, Table 4. and</p> <p>ii) The promotion is recommended by a screening-cum-evaluation committee.</p> |
| 2. | From University Assistant Librarian (Senior Scale/Academi c level 11)/College Librarian (Senior Scale/Academi c level 11) to | <p>1) He/she has completed five years of service in that grade.</p> <p>2) He/she has done any two of the following in the last five years:</p> <p>(i) Training Seminar Workshop/Course on automation and digitalization,</p> <p>(ii) Maintenance and other activities as per Appendix II. Table 4 of at least two weeks (ten days) duration (or completed two courses of at least one week (five</p> | <p>i) He/she gets a "satisfactory" or 'good' grade in the annual performance assessment reports of at least four out of the last five years of the assessment period, as specified in Appendix II, Table 4. and:</p> <p>ii) The promotion is recommended by a screening-cum-evaluation committee.</p> |

 15/11/2023



| | | | |
|----|---|---|---|
| | University Assistant Librarian (Selection Grade/ Academic level 12/ College Librarian (Selection Grade/Academic level 12) | days) duration in lieu of every single course programme of at least two weeks (ten days) duration). (iii) Taken/developed one MOOCs course in the relevant subject (with e-certification), or (iv) Library up-gradation course. | |
| 3. | From University Assistant Librarian (Selection Grade/Academic level 12)/ College Librarian (Selection Grade/Academic level 12) to University Deputy Librarian (Academic Level 13A)/College Librarian (Academic Level 13A) | 1) He/she has completed three years of service in that grade. 2) He/she has done any one of the following in the last three years: (i) Training/Seminar/Workshop/Course on automation and digitalization. (ii) Maintenance and related activities as per Appendix II, Table 4 of at least two weeks' (ten days) duration, (iii) Completed two courses of at least one week (five days) duration in lieu of every single course programme of at least two weeks (ten days) duration), (iv) Taken/developed one MOOCs course in the relevant subject (with e-certification), and (v) Library up-gradation course. | i) He/she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Appendix II, Table 4; and ii) The promotion is recommended by a Selection Committee constituted as per these Regulations on the basis of the interview performance. |
| 4. | The criteria for CAS Promotions from University Deputy Librarian/College Librarian (Academic Level 13A) to University Deputy Librarian/College Librarians | 1) He/she has completed three years of service in that grade. 2) He/she has done any one of the following in the last three years: (i) Training/Seminar/Workshop/Course on automation and digitalization, (ii) Maintenance and related activities as per Appendix II. Table 4 of at least two weeks' (ten days) duration. | (i) He she gets a 'satisfactory' or 'good' grade in the annual performance assessment reports of at least two out of the last three years of the assessment period, as specified in Appendix II. Table 4; and (ii) The promotion is recommended by a Selection Committee constituted as per these Regulations on the basis of the interview performance. |

15/9/2023

| | | | |
|--|---------------------|--|--|
| | (Academic Level 14) | <p>(iii) Completed two courses of at least one week (five days) duration in lieu of every single course/programme of at least two weeks (ten days) duration,</p> <p>(iv) Taken developed one MOOCS course in the relevant subject (with e-certification), and</p> <p>(v) Library up-gradation course.</p> <p>3) Evidence of innovative library services, including the integration of ICT in a library.</p> <p>4) A Ph.D. Degree in Library Science/Information Science/Documentation /archives and Manuscript- Keeping.</p> | |
|--|---------------------|--|--|

22/11/2023  Dr. S. S. Deshpande



Ref.No.

Dated: 26.09.2023

Sub: Agenda Items for upcoming Academic Council meeting.

1. Revision in remuneration rates – It is submitted that after the conduct of examination answer sheets are processed for secrecy purpose like putting "No question attempted thereafter", stamp pasting of dummy code and tearing off counterfoil from the answer sheets.

Similarly, checking assistant verifies the marks mentioned on the cover page of the answer sheet with the scores given inside the answer sheet, checking the answer sheet for totaling and unmarked question and uploading of awards on the ERP portal.

The remuneration rates were introduced long back and have not been revised. A number of times staff performing these activities have approached this office with a request to revise the rates in view of the efforts needs to be put in to complete the tasks.

In view of the above, following revision is proposed:

| Sr. No. | Activity | Existing Rate | Proposed rates |
|---------|---|---|---|
| 1. | Secrecy work- pasting of stickers on the answer sheets etc. | Rs.1/- per answer sheet subject to a maximum of 400 sheets in a day | Rs.2/- per answer sheet subject to a maximum of 400 sheets in a day |
| 2. | Checking of evaluated answer books | Rs.1/- per answer book subject to a minimum of Rs.50/- | Rs.3/- per answer book subject to a maximum of 200 answer sheets in a day |

Submitted for approval please.

Sarita
 26.09.23
 Assistant Registrar (exams)

Controller of Examinations

may pls. be approved for putting up in the upcoming Academic Council meeting.

Vice Chancellor

*Put up in the upcoming
 AC and EC meetings*

Chirag
 26/09/23

Controller of Examinations
 J.C. Bose University of Science &
 TECHNOLOGY, YMCA, Faridabad

SK Kumar
 26/09/2023.

COE OFFICE
 No. 4433
 Date: 26/09/2023

28.16.01

The Director General,
 Technical Education Department, Haryana,
 Bays No. 7-12, Sector 4, Panchkula

To

The Registrar(s),

1. Guru Jambheshwar University of Science & Technology, Hisar.
2. Deenbandhu Chhotu Ram University of Science & Technology, Murtial.
3. J.C. Bose University of Science & Technology, YMCA, Faridabad.
4. Pt. Lakhmi Chand State University of Performing and Visual Arts, Rohtak

Memo No.: 83-86

/Univ.

Dated: 08.02.2023

Subject: Instructions regarding grant of HAG Scale (Stage 6) under CAS Scheme to the Senior Professor(s) of the Universities.

This is in reference to this letter No. 694-697/ Univ. dated 21-12-2021 and U-294/5-8/Univ. dated 05-01-2022 on the subject cited above.

In this regard, it was intimated vide this office letters referred above that the matter regarding grant of HAG Scale (Stage 6) to the Senior Professor(s) of the Universities will be examined by the Finance Department and therefore the grant of HAG Scale be kept in abeyance till the decision is taken by the Finance Department and State Government.

The Finance Department advised to constitute a Committee of Experts under the Chairmanship of Principal Secretary Technical Education and then form a view in this matter as per report of the Committee. Accordingly, State Government constituted a Committee of Experts. The Committee has recommended as under:

- 1) It has been resolved that as per provision contained under Clause 10.9 of Higher Education Department Notification dated 21-07-2011 and adopted by Technical Education Department vide Memo No. 666-668/Engg. dated 02.03.2012, HAG Scale (Stage 6) to the 10% percent of the positions of Professors in a university, with a minimum of ten years of teaching and research experience as professor either in the pre-revised scale of Professor's pay or the revised scale of pay may be granted by following the terms and conditions stipulated in the above said notification and on satisfying the required API score as per table I and II through the PBAS methodology stipulated in this notification through a duly constituted Expert committee.
- 2) It has been further resolved that the date of eligibility for the grant of the HAG scale to a senior professor would be the date of his/her fulfillment of the eligibility conditions. The applicability of notifications regarding the 6th or 7th pay scales and terms & conditions for the grant of the HAG scale will be determined by the date of his/her fulfillment of eligibility conditions subject to following conditions:

Noted

Circulate among the eligible
 Professors Skteman
 14/02/2023

• Estb Branch
 cc: Registrar
 PAA

NP
 15/02/2023
 PS for ms
 8/2023
 DA

Estb. Branch
 Diary No. 2879
 Date 15/02/2023

VC Secretariat
 Disp. No. 463
 Date 14/2/23

- a. If a candidate applies for promotion on completion of the minimum period of eligibility and is successful, the date of promotion will be deemed to be the minimum period of eligibility.
- b. If, however, the candidate finds that she/he fulfills the eligibility conditions at a late date and applies on that date and is successful, his/her promotion will be deemed to be from that date of application.
- c. If the candidate does not succeed in the first assessment, but succeeds in an eventual assessment, his/her promotion will be deemed to be from the later date.

The above said recommendations of the Committee has been approved by the State Government. Accordingly, you may initiate the process to grant HAG scale to the eligible Senior Professors of the Universities under CAS as per above recommendations of the committee, which was kept in abeyance vide this office letters referred above.



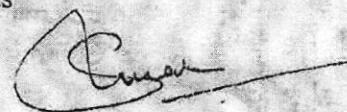
Deputy Director (Univ.)
for Director General, Technical Education,
Haryana, Panchkula
ole

Endst. No.: ४७८९ /Univ.

Dated: १५-०१-२०२३

A copy of above is forwarded to the following for kind information and further necessary action please:

1. PS to PSTE for kind information of W/PSTE please.
2. PS to DGTE for kind information of W/DGTE please.
3. Vice Chancellors of all State Technical Universities



Deputy Director (Univ.)
for Director General, Technical Education,
Haryana, Panchkula
ole

GUIDELINES FOR TREE PLANTATION AND CARE

in partial fulfilment for the requirement of degree in
Undergraduate Programs of University Teaching Departments
and Affiliated Colleges

(w.e.f. ACADEMIC SESSION 2023-24)



(In compliance with the approved Agenda Item No.AC/25/12 of 25th Academic Council meeting held on 27.09.2022)

**J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA,
FARIDABAD, HARYANA – 121006 (INDIA)**

2023

PREFACE

The National Education Policy (NEP) 2020 emphasizes the importance of making environmental education an integral part of curricula and encouraging environmental awareness and sensitization towards its conservation and sustainable development. NEP also advocates the attainment of holistic and multidisciplinary education, through flexible and innovative curricula for all Higher Education Institutions (HEIs) which shall include credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based education.

Environmental sustainability is a critical global concern and HEIs play a crucial role in shaping the future leaders and professionals who will address these challenges. The continuing problems related to environmental issues, including pollution, loss of forests, climate change, habitat loss, loss of biodiversity and resource depletion have made everyone aware of environmental issues. Out of the 17 Sustainable Development Goals (SDGs), six goals are directly linked to environmental protection and resource conservation. Addressing these issues requires a concerted effort to shift towards more sustainable practices and mitigate the detrimental effects of human activities. Institutes of higher education are embracing innovative approaches that align education with ecological responsibility. The integration of tree planting as an essential facet of the academic journey signifies a profound shift towards holistic education, reflecting the spirit of the NEP 2020.

Tree Plantation and Care: A Synergy of Education and Environmental Sustainability

J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana has started the novel initiative “**Tree plantation and Care**”, which binds the pursuit of knowledge with the commitment to environmental well-being, holds the potential to shape not only landscapes but also minds. The key points are as follows:

- Under this initiative, it is made mandatory for the students to plant a sapling and its care in order to receive their degree.
- The initiative is applicable to students of undergraduate programs of the University Teaching Departments and affiliated colleges admitted in academic session 2023-24 and onwards.

- As students embark on their academic journey, they concurrently engage themselves in plantation activity and care of saplings to ensure survival which in turn will contribute to our planet's health and resilience.
- The concept transcends conventional education by inculcating in learners a profound sense of responsibility and empathy towards nature.

By making tree plantation and care an intrinsic part of degree completion, university align with the NEP 2020 policy's aspiration to produce well-rounded individuals equipped with a holistic understanding of the environmental challenges and issues at global level. The initiative will further unfold benefits ranging from ecological restoration and carbon sequestration to foster a sense of community and environmental stewardship among students. Additionally, such initiatives will motivate the higher education institute in taking steps towards seamlessly merging of the National Educational Policy's vision along with catalysing a transformation in the higher education landscape for tangible legacy of a greener world.



GUIDELINES FOR TREE PLANTATION AND CARE

Instructions for Students:

- Tree Plantation:** Each admitted student for undergraduate program of the University is required to plant at least 2-5 tree saplings during his/her first or second semester. The selected location for the plantation may be any place of their choice at/near their home places (e.g., parks, grounds, etc.). The student must capture geo-tagged photographs of the planted saplings and ensure to take proper care of their growth. Please note that the student should also be there in the geotagged photo alongwith the plant.
- Submission of Documents:** The student has to submit geo-tagged photographs of the planted saplings on university ERP platform in the given format, namely, plantation document including other details, viz., name of plant, date of plantation, and any additional information regarding the plantation.
- Ongoing Care and Monitoring:** After plantation, every student will take care for these plants and submit their updated geo-tagged photos in plantation document for 2nd and 3rd year also.
 - Each student will have to submit the plantation document once in every year of the program.
 - The plantation document including geo-tagged photos will be submitted for $(N-1)$ times, where N is the total duration of the program in which student is admitted. For example, a student of 4 years B.Tech./B.Sc. program has to submit the plantation document for three consecutive years, i.e., till pre-final year indicating the growth and survival of the tree sapling planted by them.

4. **Tree Survival:** The student must ensure the successful survival of at least one tree out of 2-5 initially planted trees for being eligible for their degree.
5. **Verification of Documents:** The verification of submitted documents will be done by the respective teacher coordinator at each successive year during Practical Examinations towards the end of the semester as per the notified academic calendar for the session.
6. **Certificate of Achievement:** The certificate for eligible student will be auto-generated, which may be downloaded from their respective ERP platform after due verification. These students will thereby fulfil the requirement for degree conferral within their respective programs.

Note: The students admitted through LEET will take part in the initiative after their admission in 2nd year of respective program and the requirement of submission of geotagged photographs will be (N-2) times for them as per point 3.

Guidelines for the Respective Departments:

1. Appointment of Teacher Coordinator for plantation activity:

The respective departments of the students shall appoint a dedicated teacher coordinator for each batch of students after admission. The coordinator's role involves overseeing the verification process of geo-tagged photographs over a prescribed period of (N-1) years, where N is the total duration of the program in which student is admitted.

2. Verification Process:

The designated teacher coordinator shall ensure and verify the submission of geo-tagged photographs through the students' ERP platform at each successive year during practical examinations towards the end of the semester as per the notified academic calendar for the session. These photographs will undergo final approval via the respective chairperson's ERP platform. The department may also notify the dates of verification for plantation document, if required.

3. Certificate Generation and Degree Eligibility:

Upon the final approval from Chairperson's ERP in the final year, certificates for eligible students will be auto-generated, which may be downloaded by the students from their respective ERP. These students will thereby fulfil the requirement for degree conferral within their respective programs and can download the certificate of achievement.

The final approved certificates/list of eligible students will also be received directly by Controller of Examination through respective Chairperson's ERP.

4. Provisions by the Department in special cases

In case, a student is not able to ensure the survival of the sapling planted either due to natural calamities or circumstances beyond the control, such situation will be brought into the notice of the concerned department. A 3-member committee proposed by the chairperson of the concerned department and duly approved by the competent authority is authorized to take appropriate remedial action for such cases. If required, the chairperson of the concerned department may ask for the physical verification of the plants grown by the student at any time.

5. Guidelines for University Affiliated Colleges

The above-mentioned guidelines for the University will also be applicable to University Affiliated Colleges. For the University affiliated colleges, the students can submit duly filled hard copy of the plantation documents to their respective teacher coordinators assigned by Head of the Department/Principal of the college. The teacher coordinator will arrange to upload the plantation document on ERP portal after satisfactory verification of the plantation document.



जे. सी. बोस विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, वाए एम सी ए, फरीदाबाद
J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA
SECTOR -6, FARIDABAD, HARYANA
(Established vide Haryana State Legislative Act No. 21 of 2009)
'A+' GRADE NAAC Accredited

Plantation Document

Name of the student : _____

Roll No. : _____

Programme and Semester : _____

Department : _____

Submission of Geo-tagged Photos : 1st Year 2nd Year 3rd Year

| | |
|--|--|
| | |
| | |
| | |
| | |
| | <p>Undertaking: It is certified that the information provided is true to the best of my knowledge and belief and I would be solely responsible if the information is found to be incorrect.</p> |
| | <p><i>(Signature of the student)</i></p> |



जे. बोस विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, वाए एम सी ए, फरीदाबाद
J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA
SECTOR -6, FARIDABAD, HARYANA
(Established vide Haryana State Legislative Act No. 21 of 2009)
'A+' GRADE NAAC Accredited

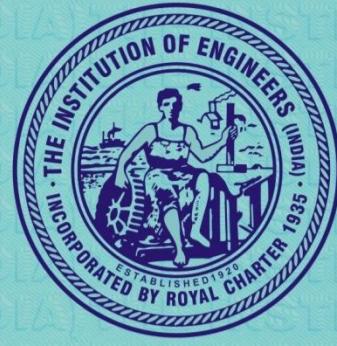
Sr. No.: TPC/2023-27/1001

Certificate of Achievement

This certificate is awarded to Name of student, Roll No. , S/D/o Father's Name for successfully completing the 'Tree plantation and Care' initiative for the fulfilment of partial requirement of the degree in Undergraduate Program.

Your contribution will go a long way in helping conserve nature for the safer, resilient and sustainable world.

(This is a computer-generated certificate and does not need any signature.)



The Institution of Engineers (India)

INSTITUTIONAL MEMBERSHIP

CERTIFICATE

This Certificate of
Institutional Membership is Granted to

**J.C. BOSE UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

On the 25th day of September 2023



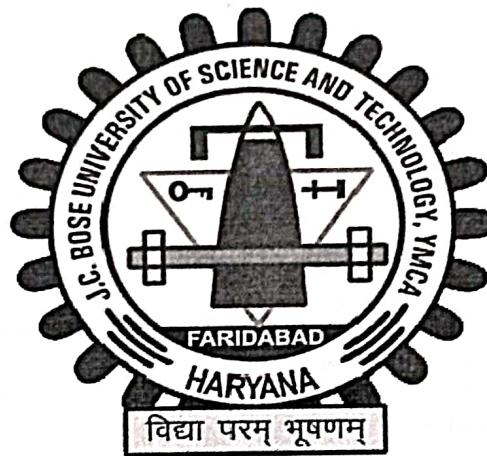
IM000774-0

Date: 25.09.2023


Secretary and Director General

Annual Report of Examination

Session 2022-23



Examination Branch

**J- C- BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY,
YMCA, FARIDABAD**

(Formerly YMCA University of Science and Technology)

NAAC 'A+' Grade accredited State University

**Sector-06, Delhi Mathura Road, Faridabad -121006
(Haryana)**

Annual Report 2022-23: End Semester Examination

In academic session 2022-2023 odd semester examinations were conducted as per the dates notified in the Academic Calendar. These examinations were conducted in offline mode. 05 Examination centers were created and 5732 students appeared in these exams. For UG & PG courses- 03 evaluation centers were created for carrying out the evaluations of the exam.

In academic session 2022-23 even semester examinations were conducted as per dates notified in the Academic Calendar- These examinations were conducted on 05 examination centers and 5878 students appeared in these exams for UG & PG courses. Three evaluation centers were created for carrying out the evaluations of the exam - 1527 Students including students of Community college of skill development successfully completed their Degrees.

Course wise details of the final semesters of UTDs are as follows:

| Programme Code | Programme name | Semester | End date of Exam | Date of declaration of results | No- of days of declaration of result | Number of students appeared in the final semester examination | Number of students passed in final Semester examination | Pass Percentage |
|----------------|-----------------|--------------------------|------------------|--------------------------------|--------------------------------------|---|---|-----------------|
| | | | May-23 | May-23 | | | | |
| 2 | B. Tech (Civil) | 8 th Semester | 20-07-2023 | 02-08-2023 | 13 | 75 | 68 | 91 |
| 3 | B. Tech (CE) | 8 th Semester | 20-07-2023 | 29-07-2023 | 9 | 154 | 145 | 94 |
| 7 | B. Tech (EL) | 8 th Semester | 20-07-2023 | 27-07-2023 | 7 | 74 | 62 | 83 |
| 8 | B. Tech (ECE) | 8 th Semester | 20-07-2023 | 28-07-2023 | 8 | 72 | 57 | 79 |
| 9 | B. Tech (EIC) | 8 th Semester | 20-07-2023 | 28-07-2023 | 8 | 71 | 52 | 73 |
| 11 | B. Tech (IT) | 8 th Semester | 20-07-2023 | 29-07-2023 | 9 | 71 | 61 | 86 |
| 13 | B. Tech (ME) | 8 th Semester | 20-07-2023 | 29-07-2023 | 9 | 136 | 116 | 85 |
| 15 | B.Tech (E& CE) | 8 th Semester | 20-07-2023 | 28-07-2023 | 8 | 70 | 64 | 91 |
| 301 | BBA | 6 th Semester | 31-05-2023 | 12-07-2023 | 42 | 60 | 50 | 83 |
| 311 | BCA | 6 th Semester | 29-05-2023 | 12-07-2023 | 44 | 56 | 46 | 82 |
| 321 | B. Sc-(Physics) | 6 th Semester | 29-05-2023 | 11-07-2023 | 43 | 63 | 10 | 16 |

| | | | | | | | | |
|-----|----------------------------------|--------------------------|------------|------------|----|----|----|-----|
| 322 | B. Sc-(Chemistry) | 6th Semester | 29-05-2023 | 26-07-2023 | 58 | 61 | 43 | 70 |
| 323 | B. Sc-(Mathematics) | 6th Semester | 29-05-2023 | 11-07-2023 | 43 | 64 | 48 | 75 |
| 324 | B. Sc-(Animation and Multimedia) | 6th Semester | 20-07-2023 | 27-07-2023 | 7 | 37 | 33 | 89 |
| 351 | BA (JMC) | 6 th Semester | 25-05-2023 | 11-07-2023 | 47 | 40 | 32 | 80 |
| 502 | M. Tech (CE) | 4 th Semester | 05-06-2023 | 22-08-2023 | 78 | 1 | 0 | 0 |
| 504 | M. Tech (CSE) | 4 th Semester | 05-06-2023 | 10-07-2023 | 35 | 15 | 9 | 60 |
| 524 | M. Tech (ME(MP)) | 4th Semester | 09-06-2023 | 07-07-2023 | 28 | 3 | 2 | 67 |
| 518 | M. Tech (PED) | 4th Semester | 08-06-2023 | 07-07-2023 | 29 | 3 | 2 | 67 |
| 520 | M. Tech (EEE) | 4th Semester | 09-06-2023 | 07-07-2023 | 28 | 14 | 14 | 100 |
| 602 | MCA | 4th Semester | 20-07-2023 | 02-08-2023 | 13 | 67 | 43 | 64 |
| 701 | MBA (701) | 4th Semester | 19-06-2023 | 12-07-2023 | 23 | 64 | 62 | 97 |
| 703 | MBA (703) | 4th Semester | 19-06-2023 | 12-07-2023 | 23 | 69 | 65 | 94 |
| 704 | MBA (704) | 4th Semester | 19-06-2023 | 12-07-2023 | 23 | 17 | 16 | 94 |
| 751 | M. Sc.(Chemistry) | 4th Semester | 29-05-2023 | 19-07-2023 | 51 | 60 | 56 | 93 |
| 752 | M. Sc. (Physics) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 61 | 42 | 69 |
| 753 | M. Sc. (Maths) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 62 | 44 | 71 |
| 754 | M. Sc. (EVS) | 4th Semester | 29-05-2023 | 27-07-2023 | 59 | 32 | 27 | 84 |
| 755 | M. Sc. (BT) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 20 | 16 | 80 |
| 756 | M. Sc. (Botany) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 21 | 14 | 67 |
| 757 | M. Sc. (Zoology) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 19 | 17 | 89 |
| 758 | M. Sc. (Microbiology) | 4th Semester | 29-05-2023 | 10-07-2023 | 42 | 20 | 14 | 70 |
| 759 | M. Sc. (Animation Multimedia) | 4th Semester | 29-05-2023 | 08-08-2023 | 71 | 10 | 9 | 90 |
| 771 | MA (JMC) | 4th Semester | 20-07-2023 | 22-08-2023 | 33 | 19 | 16 | 84 |
| 772 | MA (English) | 4th Semester | 30-05-2023 | 10-07-2023 | 41 | 15 | 14 | 93 |
| 251 | B. Voc (Web Development) | 6th Semester | 13-06-2023 | 19-07-2023 | 36 | 38 | 26 | 68 |
| 252 | B. Voc (EL) | 6th Semester | 13-06-2023 | 19-07-2023 | 36 | 30 | 16 | 53 |
| 253 | B. Voc (Automobile) | 6th Semester | 13-06-2023 | 26-07-2023 | 43 | 38 | 18 | 47 |

| | | | | | | | | |
|-----|----------------------------|--------------|------------|------------|----|----|----|----|
| 254 | B. Voc (Manufacturing) | 6th Semester | 13-06-2023 | 04-08-2023 | 52 | 24 | 11 | 46 |
| 255 | B. Voc- BFSI | 6th Semester | 28-06-2023 | 19-07-2023 | 21 | 51 | 48 | 94 |

Sacy

Waman
Controller of Examinations
J.C. Bose University of Science &
TECHNOLOGY, YMCA, Faridabad

| Sr No | Name. | Regn. No. | Department | Date of Notification |
|-------|--------------------------|-------------------|----------------------|----------------------|
| 1 | Mr. Lalit Rai | YMCAUST/Ph27/2K11 | Electronics Engg. | 06.02.2023 |
| 2 | Mr. Puneet Garg | 18001902004 | Computer Engineering | 06.02.2023 |
| 3 | Ms. Neetu Gupta | YMCAUST/Ph18/2K11 | Electronics Engg. | 04.07.2023 |
| 4 | Mr. Shital Parsad | YMCAUST/Ph21/2K12 | Physics | 04.07.2023 |
| 5 | Mr. Gyanendra Kumar | YMCAUST/Ph04/2K16 | Computer Engineering | 04.07.2023 |
| 6 | Ms. Manju Kumari | YMCAUST/Ph03/2015 | Electronics Engg. | 04.07.2023 |
| 7 | Mr. Tarun Kumar Sachdeva | YMCAUST/PH17/2011 | Electronics Engg. | 04.07.2023 |

| S.No. | Student Name | Admission Category | Reporting Date | Dept. | JRF/ADF | Scholarship Granting Agencies |
|-------|--------------------------|--------------------|----------------|------------|----------|-------------------------------|
| 1 | RENU KUMARI | HOGC | 2/11/2022 | PHYSICS | GATE | - |
| 2 | PUSHPENDER SINGH BENIWAL | HOGC(EWS) | 2/11/2022 | PHYSICS | GATE | - |
| 3 | RADHA | HOGC | 2/11/2022 | PHYSICS | Entrance | - |
| 4 | SHEFALI SINGH | SC | 2/11/2022 | PHYSICS | Entrance | - |
| 5 | ANJU DAGAR | HOGC(EWS) | 2/11/2022 | PHYSICS | Entrance | - |
| 6 | DINESH | HOGC | 2/11/2022 | PHYSICS | GATE | - |
| 7 | MEHAK | HOGC | 2/11/2022 | PHYSICS | Entrance | - |
| 8 | SHASHI KUMAR | BC-B | 2/11/2022 | PHYSICS | JRF | UGC |
| 9 | NITESH KUMAR | HOGC(EWS) | 2/11/2022 | PHYSICS | JRF | UGC |
| 10 | POOJA BHARDWAJ | BC-A | 2/11/2022 | CHEMISTRY | NET | - |
| 11 | SALONI | HOGC | 2/11/2022 | CHEMISTRY | Entrance | - |
| 12 | VINITA | SC | 2/11/2022 | CHEMISTRY | JRF | UGC |
| 13 | RASHMI | HOGC | 2/11/2022 | CHEMISTRY | CSIR-NET | CSIR |
| 14 | PARUL | HOGC | 2/11/2022 | CHEMISTRY | GATE | - |
| 15 | PARTIBHA DEVI | HOGC | 2/11/2022 | CHEMISTRY | JRF | UGC |
| 16 | LAXMI | HOGC(EWS) | 2/11/2022 | CHEMISTRY | JRF | UGC |
| 17 | NAVDEEP | HOGC(EWS) | 2/11/2022 | MATH | JRF | CSIR |
| 18 | DHANISHA RANI | ROHC | 2/11/2022 | MATH | JRF | UGC |
| 19 | PIYUSH GUPTA | HOGC | 2/11/2022 | MATH | Entrance | - |
| 20 | ANKITA | HOGC | 2/11/2022 | MATH | Entrance | - |
| 21 | MANALI SEHRAWAT | HOGC | 2/11/2022 | CIVIL | GATE | - |
| 22 | SHANU TYAGI | HOGC | 2/11/2022 | MANAGEMENT | NET | - |
| 23 | VANDANA YADAV | HOGC | 2/11/2022 | MANAGEMENT | JRF | UGC |
| 24 | NISHA | HOGC | 2/11/2022 | MANAGEMENT | JRF | UGC |
| 25 | SANJU | BC-B | 2/11/2022 | MANAGEMENT | JRF | UGC |
| 26 | MEGHA GARG | HOGC | 2/11/2022 | MANAGEMENT | JRF | UGC |
| 27 | ANCHAL JAIN | HOGC | 2/11/2022 | MANAGEMENT | JRF | UGC |
| 28 | VYOMA VAISH | HOGC | 2/11/2022 | INT. DIS | Entrance | - |
| 29 | SANGEETA | HOGC | 2/11/2022 | COMPUTER | JRF | UGC |
| 30 | RENU BALA | AIC | 2/11/2022 | COMPUTER | ADF | AICTE |
| 31 | MOHINI | HOGC | 2/11/2022 | EVS | Entrance | - |
| 32 | ABDUL QUAIYOOM | AIC | 2/11/2022 | MECHANICAL | ADF | AICTE |
| 33 | SARFRAZ | HOGC | 2/11/2022 | ELECT. | Entrance | - |
| 34 | GEETANJALI RAGHAV | AIC | 2/11/2022 | CMT | M.Phil | - |
| 35 | KAJAL VERMA | AIC | 2/11/2022 | CMT | JRF | UGC |
| 36 | ANITA RANI | BC-B | 2/11/2022 | ENGLISH | Entrance | - |
| 37 | PRERNA | HOGC | 2/11/2022 | ENGLISH | JRF | UGC |
| 38 | JYOTI KUMARI | RoHC | 8/5/2023 | CHEMISTRY | JRF | UGC |



No.DAA/2023

Dated:09.08.2023

Sub: Guidelines/procedure for engaging the services of Guest Faculty in the University.

It is submitted that with the approval of the Academic Council, the University has already adopted the revised guidelines issued by the UGC vide letter No.F.25-1/2018(PS/MISC) dated 28th January, 2019. On the basis of guidelines issued by the UGC/AICTE, the modalities/procedure for engaging of Guest Faculty by various departments are proposed as under:-

(1) The Guest Faculty will be paid remuneration as may be announced by the UGC/AICTE from time to time and adopted by the University.

(2) The Guest Faculty be engaged only against sanctioned post. However, where the sanctioned posts are not adequate as per the teaching working load, the number of Guest Faculty to be engaged can be upto 20% over and above the sanctioned posts.

(3) The qualification for Guest Faculty shall be the same as those prescribed for the regular Assistant Professors of Universities/Colleges in UGC/AICTE Regulations.

(4) The Selection procedure for appointing Guest Faculty shall be the same as those of regularly appointed Assistant Professor. However, the composition of Selection Committee shall be as follows:-

(i) The Vice-Chancellor or his/her nominee shall be the Chairperson of the Selection Committee

(ii) One expert in the concerned subject nominated by the Vice-Chancellor

(iii) Dean of concerned Faculty

(iv) Chairperson/In-Charge of the Department

(v) An academician representing SC/ST/OBC/Minority/Women/Differently-abled categories to be nominated by the Vice-Chancellor or Acting Vice-Chancellor, if any of the candidates representing these categories is the applicant and if any of the above members of the Selection Committee does not belong to that category.

At least four members, including one outside subject expert shall constitute the quorum.

(5) Guest Faculty will not be treated like regular teachers for the purpose of voting rights or for becoming the members of the various statutory bodies of the university.

(6) The superannuated teachers may also be considered for engagement as Guest Faculty subject to a maximum age limit of 70 years.

(7) The Guest Faculty will not be given the benefit of any allowances, pension, gratuity and leave etc. as admissible to the regular teachers.

(8) The concerned Chairperson will clearly mention/inform to the Guest Faculty about the nature of job and tenure of engagement, which will be initially for one academic session purely on hourly basis subject to further extension on the basis of work and conduct of concerned Guest Faculty.

(9) The services of Guest Faculty can be terminated at any time without assigning any reason or notice period. The services will also stand terminated automatically after joining of regular faculty against the post.

(10) The concerned Chairperson will ensure marking of attendance of Guest Faculty in the Staff Register and maintaining students attendance record in the Teacher Diary properly i.e. both Theory and Lab classes.

P.T.O.

VC Secretariat
Diary No. 132
Date 14-8-23

VC Secretariat
Diary No. 132
Date 14-8-23

(11) The concerned Chairperson will ensure sending of Guest Faculty bills for approval of the competent authority by 10th of every month positively.

(12) The requirement for engaging of Guest Faculty will be initiated by the concerned Department with justification of teaching load well before start of semester.

(13) The concerned Chairperson will issue necessary advertisement on university website/newspaper and interviews will be conducted at the department level by following due selection procedure mentioned above.

The above proposed guidelines/procedure for engaging the services of Guest Faculty are placed before the authorities for kind consideration and approval please.

Ab 9/8/23
PA to DAA

Dean Academic Affairs

The proposed procedure for engaging the guest faculty in the UTDs is submitted for consideration and approval pl.

DAA-3521

11-08-2023

✓ 10.08.23
Dean Academic Affairs
J.C. Bose University of
Science & Tech. YMCA
Faridabad, Haryana (India)

~~- Registrar~~

✓ 14/8/2023

~~Vice Chancellor~~

The following committee to examine the above guidelines/procedures as proposed by DAA.

1. Dean (FET)

2. Dean (FIC)

3. Dean (FLAMS)

4. Dean (Mgt)

5. Dean (Sciences)

6. ALD

7. AR/DR (Academics) - Convenor

Registrar Office
Diary No. 4396
Date 11/8/23

Registrar Office
Disp. No. 6127
Date 14/8/23

VC Secretariat
Disp. No. 16122
Date 14/8/23

Registrar Office
Disp. No. 6231
Date 16/8/23

~~- Registrar~~

DR (Acad) - Put up the Draft to
notify the condition as above

Mohd 16/8/2023



NO. Acad./Guest Faculty/2023/

Dated: 12.09.2023

Minutes of Meeting held on 12.09.2023 at 2:30 PM in the office of Dean (FIC) to discuss the proposed Guidelines for engaging the services of Guest Faculty in the University.

The following members attended the meeting:-

1. Dr. Rajkumar, Dean (FET)
2. Dr. Ashutosh Dixit, Dean Academic Affairs
3. Dr. Ashutosh Nigam, Dean (Management)
4. Dr. Neetu Gupta, Dean (Sciences)
5. Ms. Renu Dagar, Asstt. Law Officer
6. Sh. Manish Gupta, Deputy Registrar(Academic)- Convener

- Dr. C. K. Nagpal, Dean (FIC) could not attend the meeting due to B.Tech Counseling duty.
- Dr. Poonam Singhal, Dean (FLAMS) could not attend the meeting.

At the outset, the committee went through the proposed Guidelines for engaging the services of Guest Faculty in the University and recommended to amend/add the following points:

ON NP-1 & NP-2

1. With reference to the point No. 8 of the proposed guidelines, the committee is of the view that the concerned Chairperson will clearly mention/inform to the Guest Faculty about the nature of job and tenure of engagement, which may be maximum for one academic session.
2. With reference to point no.9 of the proposed guidelines, the committee is of the view that intimation regarding termination of services may be conveyed 15 days before by the either parties i.e. University and Appointee.

Dr. Rajkumar
 Dean (FET)

Dr. Ashutosh Dixit
 Dean Academic Affairs

Dr. Ashutosh Nigam
 Dean (Management)

Neetu Gupta
 Dr. Neetu Gupta
 Dean (Sciences)

Renu Dagar
 Ms. Renu Dagar
 Asstt. Law Officer

Sh. Manish Gupta
 Deputy Registrar (Acad.)

28.03.01

POLICY DOCUMENT
ON
**RECOGNITION AND REWARD SYSTEM FOR
FACULTY AND STAFF**

DRAFT



**J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA
FARIDABAD**

(Formerly YMCA University of Science and Technology)

NAAC 'A+' Grade accredited State Govt. University

Sector-06, Delhi Mathura Road, Faridabad -121006 (Haryana)

AB
29/9/2023

AB
29.9.2023

Preamble

J.C. Bose University of Science and Technology, YMCA is committed to provide a satisfying, trustworthy, harmonious work place to all its stakeholders. Satisfaction of stakeholders, including faculty and staff has always been a challenge due to dynamism involved in human behaviour and expectations.

Recognition/ Reward is considered as acknowledgement or something that is given in return for exceptional service, contribution or attainment. It stimulates a desired response that encourages the recurrence by the peer group.

The expected outcomes for such recognition/ reward include:

- People receiving it should feel satisfied and the process motivates others.
- People not receiving it should have urge to receive it i.e. the process be simple and achievable.
- The University should benefit from more positive employees in attaining desired goals

Scope of Document

The present document entails recognition/ reward system for

- a) Faculty members appointed on regular basis
- b) Staff members (Non-teaching, Technical support and other support staff)
- c) University Teaching departments
- d) University Offices/ Workshops/ Sections/ Branches

Working Modalities

- a) Recognition/ Reward would be in form of Certificate/ Medal/ Cash Prize that would be given away on a befitting occasion/ ceremony.
- b) The nominations would be considered for preceding calendar year.
- c) Each entity would have preset markers to be achieved along with the benchmark values. Assessment would be based on defined criteria.
- d) Appropriate committees would be constituted for finalizing the achievers.

Category 1: Faculty members

Recognizing/ rewarding meritorious faculty members on following parameters. If a faculty member fulfills any one criterion, she/ he would be eligible to get rewarded/ recognized.

| S.No | Criteria | Remarks |
|------|--|---|
| 1 | Gets a project grant from Govt. organization | (a) Based on individual grant. (b) Grants for organizing activities/ upgradation / funds allotted at department level would be covered under department head. |
| 2 | Gets a project grant from Industry/ NGO/ other Private organization worth at least Rs 50,000/- | |
| 3 | Gets a consultancy from Govt. Organization/ Industry/ NGO/ other Private organization worth at least Rs 50,000/- | a) Individual consultancy. b) Work undertaken by department to be covered under department head |
| 4 | Gets an IPR (Patent granted/Patent published/ copyright) | <ul style="list-style-type: none"> Only once for a patent (Granted/ Published) With their research scholars/ colleague or co-supervisor having University affiliation |
| 5 | Publishes at least 3 research papers in WoS/ SCOPUS | With their research scholars/ colleague or co-supervisor having University affiliation |
| 6 | Department Chairperson Nominee | Up to 10% (rounded off to the nearest integer) of total faculty in department for their remarkable contribution. |
| 7 | Vice Chancellor's Nominee | Three faculty members in the University for their remarkable contribution. |

Category 2: Staff members (Non-teaching, Technical support and other support staff)

Recognizing/ rewarding meritorious Staff members on following criteria.

| S.No | Criteria | Remarks |
|------|---|--|
| 1 | Nominee of Branch/ Office/ Section/ Workshop by concerned head/ in charge (through Registrar) | Up to 5% of total staff in (Branch/ Office/ Workshop/ Technical staff) for their remarkable contribution where (a) Workshop and Lab staff below WS/ HOS level b) Non-teaching staff members, working in different branches/ departments/sections below Dy. Suptd. Level or equivalent. |
| 2 | Registrar's Nominee | Two staff members in the University for their remarkable contribution. |
| 3 | Vice Chancellor's Nominee | Three staff members in the University for their remarkable contribution. |

Category 3: University Teaching Departments

Recognizing/ rewarding very well performing University teaching departments on the following parameters with the benchmarks being achieved.

| S.No | Criteria |
|------|--|
| 1 | Funds received from outside Govt. / Non-Govt. organizations for organizing activities like FDP/ Conference/ Workshops etc |
| 2 | Funds received from outside Govt. / Non-Govt. organizations for consultancy/ IRG at department level |
| 3 | Community service done by department |
| 4 | Updating of department's facilities and website |
| 5 | Timeliness in providing information |
| 6 | Abstract of Students' feedback |
| 7 | Departments' Industry interaction in terms of Expert lectures from industry/ field and students' visit to Industry/ field and activities conducted |

DRX

DRX / AH



1. Preamble

The Ph.D. programme is an integral component of higher education at the University. All the teaching departments offer Ph.D. programmes in identified thrust areas which are based on facilities available and market requirements. Each year a consolidated list of the number of seats available will be prepared by the University for which the admission is to be made as per the process laid down in this Ordinance.

2. Locale

- (i) The degree of Doctor of Philosophy (Ph.D.) shall be granted by the J.C. Bose University of Science & Technology, YMCA, Faridabad in any of the faculties within its campus.
- (ii) Subject to general guidelines issued by the Academic Council and overall control of the administration, the research activities for Ph.D. Programmes shall be regulated by the Post-graduate Boards of Studies & Research of the concerned department.
- (iii) The applicants/scholars shall be classified on the basis of the time devotion to the Ph.D. programme as
 - Full time
 - Part-time

Preference will be given to full-time Ph.D. scholars.

3. Constitution of Department Research Committee

The Department Research Committee (DRC) shall consist of the following provided each qualifies to be a Ph.D. Supervisor:

- (i) The Chairperson of the Department
- (ii) All Professors of the Department
- (iii) Three Associate Professors of the department by rotation, having a doctoral degree. The term of an Associate Professor will be of 2 years. If such teachers are not available in the department, then the Chairperson of DRC may co-opt members from outside the department/university.
- (iv) Supervisors of the scholars:- They do not, however, constitute the regular members {unless covered under (i) or (ii) or (iii)}. They participate in DRC meetings only when the cases of their respective scholars are taken up. Also, the proposed supervisor is to be invited to participate in the DRC meeting when the case of his prospective candidate is taken up.

The Chairperson of the department shall be the Chairperson of the DRC. If the Chairperson does not qualify as Ph.D. supervisor, the senior most qualifying faculty member of the department will act as the Chairperson of the DRC.

4. Eligibility

- (i) A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution. The equivalence of the degree will be decided by the Board of Studies (BOS) of the concerned department in the University.
- (ii) A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
- (iii) Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
- (iv) Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time.
- (v) The candidates who appeared in the regular master's level examination in the current session may also appear in the entrance test. But they must submit the proof of having passed the examination on the pre-designated date before admission to the Pre-Ph.D. course.
- (vi) The state reservation policy shall be followed in Ph.D. Admission.
- (vii) A candidate provisionally registered for Ph.D. shall be required to attend classes for one semester for a Pre-Ph.D. course work.
- (viii) The candidates who are awarded a fellowship by the university/outside agency to carry out Ph.D. work, shall be required to stay at the university headquarter for whole duration of the

fellowship. The Chairperson of the department concerned will certify the stay of the candidate.

5. Additional Eligibility Conditions for Part-Time Ph.D. Admission

- (i) The applicant should be an employee of an educational institute/organization/Industry and must produce a 'No Objection Certificate (NOC)' from his/her employer on or before the interview, clearly stating that:
 - i. The candidate is permitted to pursue studies on a part-time basis.
 - ii. His/her official duties permit him/her to devote sufficient time for research.
 - iii. If required, he/she will be relieved from the duty to complete the course work.
- (ii) The candidate proves to the satisfaction of the DRC that his/her official duties permit him/her to devote sufficient time to research.
- (iii) The candidate proves to the satisfaction of the DRC that facilities for pursuing research are available at his/her place of work in the chosen field of research.
- (iv) He/she will be required to visit the university (on working days) to meet his/her supervisor in the department at least twice in a month and such visit is to be reported to the Chairperson- DRC for the record.

6. Rules for Full-Time Ph.D.

The full-time Ph.D. programme will have the following three categories of scholars admitted to the programme

- (a) A research scholar getting a University Research Scholarship (URS).
- (b) A research scholar receiving fellowship/scholarship from outside organizations such as CSIR, UGC, QIP, DST, AICTE etc.
- (c) A research scholar with self-finance, who does not receive financial help like scholarship/assistantship from a university, or from any other source during his/her Ph.D. programme.

6 (i) University Research Scholarship (URS)

- I. Four University Research Scholarship (URS) will be available every year. The amount of this scholarship shall be Rs. 25000/- per month. It will be tenable for two years in the first instance. This scholarship may be extended for a period of one year i.e. 3rd year by the Vice-Chancellor on the recommendations of the committee consisting of the Chairperson, senior most teacher of the department, and the supervisor of the scholar.
- II. For the purpose of University Research Scholarship the faculties are divided as:
 - i. Faculty of Engineering and Technology (Mechanical Engineering/Electrical Engineering/ Electronics Engineering / Civil Engineering/ Environmental Engineering).

- ii. Faculty of Informatics and Computing (Department of Computer Science/ Department of Computer Applications)/ Faculty of Interdisciplinary Studies and Research.
- iii. Faculty of Management Studies/ Faculty of Life Sciences/ Faculty of Liberal Arts and Media Studies (Department of English/ Department of Journalism and Mass Communication).
- iv. Faculty of Sciences (Department of Physics/ Department of Chemistry/ Department of Mathematics/ Department of Environmental Sciences).
 - 1. The scholarship will be issued amongst the faculties in the same group on a rotational basis. The rotation shall start on an alphabetical basis. This information will be provided in advance to the R&D section so that the name of the Faculty and Department can be mentioned in the prospectus for that session.
 - 2. Dean of the concerned faculty will grant the scholarship to the Department again on a rotation basis.
 - 3. Department will recommend the name of the student having the highest merit to the Dean of the concerned faculty.
 - 4. In case the Department having a scholarship for that year does not fill its seat, it may be granted to the other department by the Dean of the respective Faculty.

III. URS will be awarded from the date of joining the department. However, the amount will be payable after the successful completion of Pre-Ph.D. coursework. Failure to complete Pre-Ph.D. coursework in a single attempt will disqualify the candidate for URS.

IV. The scholar will be required to do full-time research work under an approved guide.

V. The scholar will be required to submit attendance, duly countersigned by his/her supervisor and recommended by the concerned Chairperson to the Director (R&D) every month for the release of the scholarship.

VI. The scholar shall complete the full period of research work. In the event of a scholar discontinuing or giving up his work before the expiry of two years, or before the expiry of the extended period, if the extension was allowed, for no valid reason he/she shall be required to refund to the University 50% amount received by him/her. Provided that in very exceptional cases this condition may be waived by the Vice-Chancellor in consultation with the Dean of the Faculty, the Director (R&D), the Chairperson of the Department concerned, and the Supervisor.

VII. The scholar shall execute a Bond with the University in the form prescribed for the purpose of giving surety of any of the following:

- (a) A permanent employee of this University.
- (b) A person possessing property in the jurisdiction of Faridabad Court (mentioning the details of property).
- (c) A permanent employee of the Government.

VIII. Reports on the satisfactory progress of the work of the scholar shall be submitted to the DRC by the Chairperson of the Department concerned once every six months. The continuance of the Scholarship would depend on the satisfactory progress of the work of the scholars.

6 (ii) Leave

Leave for a maximum of 15 days in a year in addition to general holidays may be allowed to a Research Scholar by the Chairperson of the Department on the recommendation of the Supervisor. The scholar will not be entitled to any vacations. No other leave of any kind with scholarship will be admissible to a Research Scholar.

Female Ph.D. Scholars may be provided Maternity Leave/Child Care Leave for up to 240 days in the entire duration of the Ph.D. programme.

6 (iii) Conversion from full-time to part-time Ph.D. Programme

A full time Ph.D. programme may be converted to a part time Ph.D. programme at the completion of minimum eighteen (18) months from the date of admission.

- i. The request from the Research Scholar in this regard is made to the Director (R&D) through the proper channel.
- ii. He/she has already passed the prescribed coursework.
- iii. His/her progress reports by his/her supervisor(s) for the previous two years are found satisfactory.
- iv. In case, he/she has been offered a regular job in some organization, then he/she may obtain a 'no objection certificate' from his/her employer to continue his/her research work as a part-time Research Scholar at JCBUST, YMCA and enclose along with his/her request for the purpose.
- v. The Research Scholar may be allowed to register as part-time candidate only after the recommendation of the SAC as well as DRC.
- vi. The full-time Research Scholar after conversion to part-time Research Scholar shall not be considered for any scholarship/ stipend/ contingency grant/ teaching assistantship as meant for full-time.

7. Part time Ph.D. for sponsored candidates

A part-time Ph.D. program may be offered to candidates with minimum 15 years of experience in a reputed industry/organization having R&D facilities, Govt. R&D Departments / National Research Laboratories / Units of Government / Quasi Government / Public sector etc. subject to the availability of Ph.D. seat and fulfilling other criteria for Ph.D. admission.

8. Enrollment

- (i) The enrollment to Ph.D. programmes in the teaching departments shall be made once a year through the entrance test conducted by the Controller of Examination/other agency as decided by the competent authority. The cut-off date for this will be decided on year to year basis.

- (ii) The number of vacancies in various departments will be given on the university website and mention of the same will be made in the admission notices for information of the candidates. At the time of notifying the vacancies in newspapers, the number of vacancies for admission shall be indicated program wise.
- (iii) The eligible candidate shall apply online for admission through university website or in the prescribed form as the case maybe.

9. Duration of the Programme

- (i) Ph.D. Programme shall be for a minimum duration of three (3) years, including course work, and a maximum duration of six (6) years from the date of admission to the Ph.D. programme.
- (ii) A maximum of an additional two (2) years can be given through a process of re-registration. However, the total period for completion of a Ph.D. programme should not exceed eight (8) years from the date of admission to the Ph.D. programme.
- (iii) Provided further that, female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two (2) years; however, the total period for completion of a Ph.D. programme in such cases should not exceed ten (10) years from the date of admission in the Ph.D. programme.

10. Procedure for Admission

The procedure for admission to Ph.D. programme shall consist of the following steps:-

- (i) Receipt of applications through online/offline mode.
- (ii) An Entrance Test shall be qualifying with qualifying marks as 50%. A relaxation of 5% marks (from 50% to 45%) will be allowed in the entrance examination for the candidates belonging to SC/ST/OBC (Non-creamy layers)/differently-abled, Economically Weaker Section (EWS) and other categories of candidates as per the decision of the Commission from time to time. The syllabus of the Entrance Test shall consist of 50% of research methodology and 50% shall be subject specific. The Entrance test will be of 2 hours duration having 100 questions of one mark each of the concerned discipline/branch. Entrance Test shall be followed by an interview to be organized by the department concerned.
- (iii) The candidates who have qualified UGC-NET (including JRF)/UGC-CSIR NET (including JRF)/CEED/GATE/similar National Level tests will be exempted from appearing in the entrance test for Ph.D. Programme. However, they will have to appear in the interview as per schedule.
- (iv) At the time of the interview, doctoral candidates are expected to discuss their research interest/area through a presentation before duly constituted DRC.
- (v) Only the predetermined number of students will be admitted to Ph.D. programme in a department with provisional registration.
- (vi) The interview/viva voce shall also consider the following aspects, viz. whether:
 - a. the candidate possesses the competence for the proposed research;

- b. the research work can be suitably undertaken at the University;
- c. the proposed area of research can contribute to new/additional knowledge

(vii) After having been admitted, each provisionally registered Ph.D. student shall be required to pass pre-Ph.D. coursework of one semester (minimum attendance required is 75%). The pre-Ph.D. coursework shall include 2 core and 2 elective courses as follows:

- a. Research Methodology (credit 4) including quantitative methods and computer applications
- b. Research and Publication Ethics (credit 2) course as notified by UGC vide D.O. No. F.1- 1/2018(Journal/CARE)
- c. Elective Course 1 (credit 3) suggested by DRC
- d. Elective Course 2 (credit 3) suggested by DRC (can include MOOC also)
- e. The coursework will also include reviewing published research in the relevant field. The Departments should submit the report in their DRC in this regard.

(viii) For admission to Pre-Ph.D. course work the candidate will be required to deposit a fee as prescribed by the university.

(ix) All candidates admitted to the Ph.D. programmes shall be attached with a provisional supervisor by the DRC of the concerned department. After admission, the candidate will be required to complete the coursework prescribed by the DRC within the initial three semesters. Admission of the candidate automatically stands canceled in case he/she is not able to pass coursework within the initial three semesters.

(x) A Ph.D. scholar has to obtain a minimum of 55% of marks or its equivalent grade in the UGC 10-point scale (or an equivalent grade/CGPA in a point scale wherever grading system is followed) in the course work in order to be eligible to continue in the programme and submit the thesis.

(xi) The evaluation of Ph.D. coursework examination will be done internally. The result will be declared within one month of Ph.D. coursework examination. Reappear examination for Ph.D. coursework shall be conducted along with the other semester exams. The candidates attaining less than the minimum qualifying CGPA will have to qualify with minimum CGPA requirement for confirmation of registration within two years.

(xii) All Ph.D. scholars, irrespective of discipline, shall be required to train in teaching /education/ pedagogy/writing related to their chosen Ph.D. subject during their doctoral period. Ph.D. scholars may also be assigned 4-6 hours per week of teaching/research assistantship for conducting tutorial or laboratory work and evaluations.

(xiii) After successful completion of coursework, the candidate has to present synopsis before Scholar Advisory Committee (SAC) as per the schedule decided by the supervisor. In the synopsis, the scholar needs to mention the topic of the research. The DRC will consider and approve the synopsis of the candidate. The Chairperson of the department will send constitution of SAC, MoM of SAC and DRC, filled Registration Form through concerned Dean of Faculty to R&D cell for the registration of the candidate.

- (xiv) The registration process of the scholar must be completed within 18 months of the admission of the candidate.
- (xv) Slight modification in the topic of research may be allowed upto six months before the submission of the thesis after approval from SAC and DRC.

11. Scholar Advisory Committee and its Functions

- (1) There shall be a Scholar Advisory Committee (SAC) for each Ph.D. scholar. The proposed constitution of the SAC with minimum of three members (not exceeding five members) and having at least one professor is as follows:
 - (a) At least one expert in the field from the Department/Centre,
 - (b) At least one faculty expert, preferably in the concerned area, from outside the Department to which the student belongs or a different university: and
 - (c) Supervisor(s).

[For (a) and (b): Each member having i) Total work experience of minimum five years, ii) Post Ph.D. experience of minimum of three years]
- (2) The research supervisor of the Ph.D. scholar shall be the Convener of this committee, and this committee shall have the following responsibilities:
 - i. To review the research proposal and finalize the topic of research.
 - ii. To guide the Ph.D. scholar in developing the study design and methodology of research and identify the course(s) that he/she may have to do.
 - iii. To periodically review and assist in the progress of the research work of the Ph.D. scholar.
- (3) Each semester, a Ph.D. scholar shall appear before the SAC to make a presentation and submit a brief report on the progress of his/her work for evaluation and further guidance. The SAC shall submit its recommendations along with a copy of Ph.D. scholar's progress report to the DRC concerned. A copy of such recommendations shall also be provided to the Ph.D. scholar.
- (4) In case the progress of the Ph.D. scholar is unsatisfactory, the SAC shall record the reasons for the same and suggest corrective measures. If the Ph.D. scholar fails to implement these corrective measures, the SAC may recommend, with specific reasons, the cancellation of the registration of the Ph.D. scholar from the Ph.D. programme.

12. Guidelines for Research Proposal/Synopsis

The candidate is required to provide evidence that he/she will be able to undertake research that will contribute to an existing body of knowledge and that can be completed within the required timeline. It is expected by SAC to see evidence in the proposal that the candidate has researched and is familiar with the proposed idea, has critically assessed the relevant literature, and considered a methodology to answer the research questions that are appropriate and feasible.

The Research Proposal/Synopsis should broadly indicate the original research work undertaken, the title of the research work and objectives proposed to achieve it, the methodology adopted, and expected outcomes. In general, the following could be the sequence of synopsis:

1. Cover Page
2. Certificate by Candidate/Supervisor
3. Content Page
4. Introduction/Background to the proposed research
5. Motivation
6. Problem Statement and Objectives
7. Research Methodology
8. Expected Outcomes
9. Proposed Research Timeline
10. References

The general guidelines are as follows:

1. The synopsis should typically be 15 to 20 pages (excluding title pages) and should be neatly typed on both sides in Times New Roman Font of size 12 with 1.5 spacing.
2. Synopsis must be unambiguous.
3. The objectives and methodology of the research should be stated in bullet form/itemized.
4. The entire text should be grammatically correct and must be at a reasonable language level.
5. The synopsis must clearly mention the expected outcomes of the research.
6. Synopsis must be signed by the candidate and supervisor and countersigned by other SAC members testifying therein that the entire text of the synopsis has been read thoroughly and it is as per the guidelines.

Format for Certificate by Candidate

DECLARATION

Body Text

I hereby declare that this research proposal entitled <TITLE OF RESEARCH PROPOSAL> by <NAME OF STUDENT><(ROLL NO.)>, being submitted in fulfillment of the requirements for the Degree of Doctor of Philosophy in <NAME OF THE DEPARTMENT> under Faculty of _____ J.C. Bose of University of Science and Technology, YMCA, Faridabad, during the academic year _____, is original and has not been presented elsewhere.

(Name of Scholar)
(Roll Number)

Format for Certificate by Supervisor

CERTIFICATE

<Font-Style Times New Roman, size – 16>

Body Text

This is to certify that this research proposal entitled <TITLE OF RESEARCH PROPOSAL> by <NAME OF STUDENT>, submitted in fulfillment of the requirement for the Degree of Doctor of Philosophy in <NAME OF THE BRANCH> under Faculty of _____ J.C. Bose of University of Science and Technology, YMCA, Faridabad, during the academic year _____, is original research proposal to be carried out under my guidance and supervision.

I further declare that to the best of my knowledge, the research proposal being submitted does not contain any part of any work which has been submitted for the award of any degree either in this university or in any other university.

(Signature of Supervisor)

Name of Supervisor

Designation

Department of _____

Faculty of _____

J.C. Bose University of Science and Technology, YMCA Faridabad

Dated:

13. Cancellation Rules

- (i) If the candidate is not able to submit the fees, the accounts section should send his/her name to the respective department and the department will issue a letter to the candidate. If the candidate will not submit fees after two consecutive semesters his/her name may be struck off from the rolls of the university after the recommendation of the Chairperson and supervisor. He can be readmitted only after the recommendation by the concerned supervisor and Chairperson of the department. Pending fees, fines, and readmission charges shall be payable at the time of readmission.
- (ii) If the candidate fails to submit his/her progress report after every semester, after two consecutive such semesters, SAC may recommend the cancellation of admission.

- (iii) In case two consecutive six monthly reports are unsatisfactory, SAC may recommend cancellation of the registration.
- (iv) If the SAC feels that the candidate lacks interest and motivation for research after completion of course work, the case may be presented to the DRC and DRC can recommend for cancellation of admission.
- (v) The Vice-Chancellor may cancel the registration of a candidate at any time, after the issue of a show-cause notice, on disciplinary or any other grounds, which are considered to be not in consonance with the dignity and behavior of a research scholar or non-payment of hostel or any other dues.

14. Allocation of Supervisor/Co-Supervisor

- (i) Permanent faculty members working as Professor/Associate Professor with a Ph.D. along with three-year post-Ph.D. experience, and at least five research publications (out of which two must be in Web of Science) covered in UGC-CARE list and permanent faculty members working as Assistant Professor with a Ph.D. along with three-year post-Ph.D. experience and at least three research publications (out of which one must be in Web of Science) covered in UGC-CARE list will be recognized as a Research Supervisor/Co-supervisor in the university on the recommendation of the Board of Post Graduate Studies and Research. It is also mandatory to maintain research continuity by having at least three research publications in the last three years.
- (ii) Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor/Co-supervisor can guide up to a maximum of six (6) Ph.D. scholars and an Assistant Professor as Research Supervisor/Co-supervisor can guide up to a maximum of four (4) Ph.D. scholars. The Vice-Chancellor may permit these limits to exceed marginally on special grounds to be recorded.

The allocation of a research supervisor for a selected research scholar shall be decided by the department concerned depending upon the number of scholars per supervisor, the available specialization among the supervisors, and the research interest of the scholars as indicated by them at the time of interview/viva voce.

- (iii) Scientist/Researchers/Faculty working on a regular basis in various IIT/NIT/Research Laboratories/Industrial Establishments (which are recognized by JCBUST/Central university/ state govt university/govt. aided institutions/Directorate of Technical Education (DTE) with Ph.D. degree along with three-year post-Ph.D. experience and at least five research publications (out of which two must be in Web of Science) covered in UGC-CARE list shall, however, be permitted to act as co-supervisors. The prior consent of the co-supervisor shall be obtained before registration.
- (iv) The faculty member to be appointed as supervisor or co-supervisor shall not be a spouse/blood relation of the research scholar to be registered for Ph.D. course.

- (v) In case of relocation of Ph.D. women scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the university to which the scholar intends to relocate provided all other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/supervisor from the funding agency. The scholar will however give the credit to the parent guide and the institution for the part of the research already done.
- (vi) The faculty members on extraordinary leaves may continue to guide the candidates registered for Ph.D. programme under his/her supervision in the university. However, no fresh registration of Ph.D. scholars will be allowed by DRC for faculty members who proceeded on extraordinary leaves. If the supervisor(s) of a candidate leave(s) the university before the completion of the research work or is/are otherwise unable to see the work through, due to some valid reasons, the Vice-Chancellor may allow a change of the supervisor, as chosen by the candidate, on the recommendation of the DRC, if it is considered that the change of supervisor is in the interest of the completion of the work.
- (vii) Faculty members with less than three years of service before superannuation shall not be allowed to take new research scholars under their supervision. However, such faculty members can continue to supervise Ph.D. scholars who are already registered until superannuation and as a co-supervisor after superannuation, but not after attaining the age of 70 years.
- (viii) Each supervisor can guide up to two international research scholars on a supernumerary basis over and above the permitted number of Ph.D. scholars as specified in clause 12(ii).
- (ix) At any point, the total number of Ph.D. scholars under a faculty member, either as a supervisor or a co-supervisor, shall not exceed the number prescribed in clause 12(ii) and clause 12(viii).
- (x) Ph.D. admission of international students may be done keeping in view the guidelines/norms in this regard issued by statutory/regulatory bodies concerned from time to time.

15. Evaluation and Assessment Methods

- (i) Research Scholar shall submit progress report along with the presentation in every six months before SAC.
- (ii) If the work of a research scholar is found unsatisfactory at any stage as reported by the supervisor(s), the DRC shall give him or her an opportunity to explain his/her position and make suitable recommendations including de-registration. The Board of Post Graduate Studies and research may then recommend the cancellation of his or her registration to the appropriate bodies.
- (iii) No candidate shall join any other regular course of study or appear at any examination while conducting research. The Vice-Chancellor may, however, allow a candidate to appear in any examination or to attend a course which is conducive to his or her research and is of minor nature, including improvement of any previous result.

16. Pre-submission of Thesis

- (i) A Pre-Ph.D. submission is an essential requirement to assess the contents of the Thesis before the committee. On completion of the research work and complying with the submission requirements, the candidate shall submit to SAC with the prior approval of supervisor(s), a copy of the extended synopsis (**Annexure A**) of his research work.
- (ii) If SAC is satisfied that the research work has been completed as per pre-defined objectives and the research scholar meets the eligibility criteria for Pre-Ph.D. submission including published work (**two research papers in reputed journals and two papers presented in the conferences/seminars during the period of registration in the form of acceptance letter or the reprint*), the supervisor shall forward the same with the certificate (**Annexure B**) through the Chairperson to the dean of the faculty concerned.
*** Research papers must be in journals as per the UGC CARE list (<https://ugccare.unipune.ac.in/>); One research paper must be in Web of Science/ Scopus listed journals in the form of an acceptance letter or reprint.**

The extended synopsis and other concerned papers of the research scholar shall then be forwarded to Director (R&D) for verification as per the checklist (**Annexure C**). The file would then be routed back within three working days. The Dean of faculty concerned would formulate a 4-5 members committee of the concerned department comprising of at least 2 Professors, an Associate professor, and an Assistant professor possessing a Ph.D. degree for the conduct of Pre-Ph.D. presentation. The R&D section will issue a formal notice to the Chairperson for conducting pre-Ph.D. seminar. The Chairperson will issue a notice regarding pre-Ph.D. seminar of the candidate wherein the date and time would be fixed in consultation with the supervisor, **at least 7 working days in advance** (except on holidays and vacations). Pre-Ph.D. seminar of the candidate shall be in the presence of faculty members, research scholars, and PG students. External member(s)/expert(s) outside the department/university may be nominated for the same in case numbers of cadre are not available in the department. The committee would submit the report of pre-Ph.D. presentation as per format (**Annexure D**) to the concerned Chairperson along with extended synopsis and submit its recommendations to the dean of faculty as under:

- (a) If the committee is fully satisfied with the research work completed by the candidate, it will recommend to DRC to allow the candidate to write his / her thesis and submit the final draft within 6 months from the date of the Pre-Ph.D. seminar. The thesis can be submitted only after two months from the date of the Pre-Ph.D. seminar. If a candidate fails to submit the thesis in the stipulated period of six months from the date of the Pre-Ph.D. seminar, then an extension of two months in the submission period can be provided by the Director (R&D) on the recommendation of DRC. If the research scholar even then fails to submit his / her thesis within a stipulated period of 8 months, he/she will have to submit the thesis after making Pre-Ph.D. submission presentation again.

- (b) If the committee is not satisfied with the research work done by the research scholar, it will advise the research scholar to make specific changes / undertake additional research work and resubmit the extended synopsis.
- (iii) The final report of the committee and all other papers will be submitted to the office of **the Director (R&D)** for records.

17. Submission of Thesis

- (i) When a candidate is ready to submit his or her thesis for evaluation, he or she shall obtain a certificate from his or her supervisor to this effect and shall apply to the Chairperson.
- (ii) The Ph.D. candidate shall submit three soft bound copies (format given in Annexure A-1) and a link to the soft copy stored on any online storage medium (Google Drive/IDrive etc.) to the concerned department.
- (iii) The candidate should also submit to the Chairperson, six copies of the summary of the thesis each indicating how far the thesis embodies the results of his or her own research or observation and in what respect his or her investigations appear to him or her to advance the study of the subject of his or her thesis. A link to the soft copy of the summary of the thesis should also be provided along with the soft copy of the thesis.
- (iv) The supervisor shall recommend to its DRC, a panel of a minimum of 8 specialists (examiners) of Professors rank either working or retired from Govt. / Govt. aided Institute / Govt. Universities / IITs / NITs/ Central R&D Organization / Govt. Departments in the relevant field, out of which 3 specialists (examiners) will be from local states (Haryana, Punjab, Rajasthan, and NCR Delhi); 3 from outside local states and 2 from outside the country. However, the examiner shall not be from the University / Institute of the Supervisor / Candidate and will not be related to them. The PG Board of Studies & Research (BOS) of the concerned department shall approve the recommended panel. Member of BOS shall be avoided as an examiner/evaluator of the thesis. The BOS is free to include or change the names of the examiners.
- (v) The Chairperson of the department shall send this examiner's list (sealed envelope), duly signed by the members of the BOS, along with copies of the thesis and extended synopsis to the office of the Director (R&D). After verifying the checklist (see Annexure 2), the office of the Director (R&D) shall forward this to the examination branch.
- (vi) The COE shall forward this examiner's list to the Vice-Chancellor. The Vice-Chancellor shall appoint finally three examiners, out of which at least one should be outside the local state and one should be outside the country. The Vice-Chancellor is authorized to appoint examiners from outside the panel forwarded by the BOS. The examination branch shall seek the consent of the examiners. If any of the examiner(s) show his/her inability to evaluate the thesis then the consent may be obtained from other examiner(s) approved by the Vice-chancellor. If the reply regarding the consent is not received within 15 days, then the examination branch can communicate with the other examiner after the approval of the Vice-Chancellor.

(vii) If any examiner does not reply even after one month of consenting to examine the thesis, two reminders should be given to him at the gap of 15 days by COE and after that, the thesis may be sent to the next examiner after the approval of Vice-Chancellor. The entire process of evaluation of Ph.D. thesis should be completed within a period of six months from the date of submission of the thesis.

The evaluator will state categorically whether in his or her opinion:

- Thesis should be accepted for the award of Ph.D. Degree;
OR
- It should be referred to candidate for presenting it again in revised form;
OR
- It should be rejected.

(viii) The evaluator shall state reasons for approval or rejection of the thesis. If he or she recommends re-submission /rejection, he or she shall specifically indicate what modifications he or she wants the candidate to incorporate in the thesis. If all the examiners recommend for the award of degree, they may also give in their report a set of questions which they would like to put to the candidate at the time of viva-voce. In case all of the examiners reject the thesis, it should not be evaluated further and stands rejected. In case one/two of the examiners reject the thesis, the Vice-Chancellor will send the thesis for evaluation to other examiners. If the examiner(s) recommends re-submission with modification, in that case, the candidate shall be asked to modify the thesis and submit the same after having carried out all the modifications within three months with a certificate from the supervisor(s) that all the modifications have been carried out as suggested by the examiner.

(ix) A re-submitted thesis shall be examined by the examiner(s) who evaluated the original thesis unless any of them is unable or unwilling to do so in which case substitute(s) shall be appointed from the panel by the Vice-Chancellor. The examiner(s) for the revised thesis will only see whether the objections raised have been met or not.

(x) A candidate whose thesis is rejected shall not be registered again for the Ph.D. degree with the same topic.

(xi) The examiner for a thesis shall indicate in their report whether the thesis is fit for publication in its original or modified form. In the latter case, he shall make definite suggestions for improvement.

(xii) If all examiners recommend the award of the degree, the candidate shall be examined through viva-voce examination by one of the examiners, to be nominated by the Vice-Chancellor. If all the examiners are unable or unwilling to conduct the viva-voce examination another person will be approved for the purpose by the Vice-Chancellor from the panel already approved by the PG Board of Studies and Research.

(xiii) The viva-voce examination shall be conducted by the external examiner and will be held in the department concerned at J.C. Bose University of Science and Technology, YMCA,

Faridabad unless otherwise approved by the Vice-Chancellor. All the teachers including supervisor/ co-supervisor and research scholars will be invited to attend the viva-voce examination. The viva-voce examination will be based on the questions given by all the examiners. The candidate will openly defend the thesis in the viva-voce examination.

The viva-voce examination of the candidate should be on **any working day** and Saturday in consultation with the examiner and supervisor (except on holidays and vacations).

Notice for Ph.D. viva must be issued **at least 7 working days in advance**. Four hard-bound copies of the thesis shall be submitted to the R&D cell after the final viva.

- (xiv) After the viva-voce examination, the thesis and the reports of all the examiners shall be placed before the Research Degree Committee (RDC) consisting of the Vice-Chancellor, the Dean of the Faculty concerned, the Chairperson of the university teaching department, Director (R&D), COE, and either of the supervisor/co-supervisor. COE will act as Member Secretary of RDC. It shall be the function of the committee to consider the reports and to recommend to the Examination Branch, whether;
 - (a) The degree be awarded;
 - OR
 - (b) The thesis be revised and resubmitted for re-examination;
 - OR
 - (c) The thesis be rejected.
- (xv) Further, a provisional degree shall be issued from the date of the meeting of RDC to such students in whose cases the RDC has recommended for award of Ph.D. Degree. Along with the degree, the university shall issue a provisional certificate certifying to the effect that the degree has been awarded in accordance with the provisions of the UGC (Minimum Standards and Procedures for the award of Ph.D. Degree) Regulation, 2009 for Ph.D. candidates registered before July 5, 2016; While those registering after July 5, 2016, and before August 27, 2018, will be awarded in accordance with the regulations of 2016. The candidates registering after August 27, 2018, and before November 7, 2022, will be awarded in accordance with the regulations of 2018. The candidates registering after November 7, 2022, will be awarded in accordance with the regulations of 2022.
- (xvi) COE will issue notification of the candidates whose Ph.D. degree is recommended by RDC within 7 working days of the RDC meeting to all concerned. Further, the university shall submit a soft copy of the Ph.D. thesis to the UGC within a period of seven days, for hosting the same in INFLIBNET, accessible to all institutions/universities.
- (xvii) After finalization of the award of Ph.D. Degree, one copy of the Ph.D. thesis will be sent to the University Library and the other to the Departmental Library. The third copy shall be sent to the supervisor and the fourth copy shall be returned to the candidate.
- (xviii) No thesis shall be published without the prior permission of the university. The research scholar may apply to the Chairperson of the department for permission to publish his or her thesis. The Chairperson will place the request before the DRC which shall satisfy itself that the thesis is in publishable form. It will be guided by the reports of the examiners. A

certificate will be obtained from the supervisor to the effect that the necessary improvements suggested by him or her and the examiners have been duly carried out. All the published theses will be put on the university website and will include a catalogue and abstract of the thesis.

- (xix) The Academic Council, on the recommendation of the Vice-Chancellor, shall have the right to withdraw the degree, if plagiarism or duplication or any other form of malpractice is detected at any stage and to initiate such further action as it deems fit. Provided that the Vice-Chancellor shall get the complaint in the matter investigated confidentially and shall give the accused an opportunity to explain before he makes his recommendation on the matter to the Academic Council. There shall be no limitation of time for this action of the Academic Council.
- (xx) Research Advisory Council (RAC) has the final authority to take decisions for the promotion of research in the University.

18. Fee Structure

Fees to be paid by Pre-Ph.D. or Ph.D. candidate during the Ph.D. programme will be as laid down by the University from time to time.

The current Fee structure is as follows:

- i) Fee for Pre-Ph.D. Coursework: Rs. 15000/-
- ii) Registration fee: Rs. 5000/- one time.
- iii) Tuition fee: Rs. 15000/- per semester.
- iv) Tuition fee (for Regular University Employees): Rs. 7500/- per semester.
- v) Caution Money (Refundable): Rs. 5000/- one time.
- vi) Full fee is required to be paid for the semester upto pre-submission.
- vii) In case the thesis is submitted by the scholar beyond the stipulated period of six months of pre-submission, full fee for the next semester shall be payable.

The semester system shall be followed as July-December and January-June. The Ph.D. Scholars are required to deposit their semester & other fees on or before 30th September and March. Otherwise, late fee for delayed payment will be as under:

- a) upto 90 days: Rs. 1000/-
- b) from 91 days to semester end: Rs. 2000/-
- c) For more than one semester: Rs. 5000/- per semester
- d) For more than two semesters: Name will be stuck off and readmission can only be done on the recommendation of the Vice-Chancellor. Besides the previous outstanding, a readmission charge of Rs. 15000/- shall be payable.
- vii) Refund policy of fees deposited by the scholars for the Ph.D. programme after admission cancellation:

(a) Refund application from the scholar received by the concerned department within one month of fees deposition: Full Fee will be refunded after deducting Rs.1000/- as processing fee by the Accounts Branch of the university on the recommendations of the Chairperson of the department concerned.

(b) Refund application from the scholar received by the concerned department after one month but within two months of fees deposition: 50% of the fee will be refunded after deducting Rs.1000/- as processing fee by the Accounts Branch of the university on the recommendations of the Chairperson of the department concerned.

(c) Refund application from the scholar received by the concerned department after two months of fee deposition: No refund of the fee.

viii) The tuition fees must be paid by the Ph.D. scholar till the semester in which Pre-Ph.D. is being submitted.

ix) Remuneration payable to each examiner will be Rs. 5000/- for evaluation of the thesis and Rs. 3000/- for viva-voce. Remuneration for external expert(s) in pre-submission will be Rs. 3000/-. TA/DA shall be paid as per government norms, wherever applicable.

x) Foreign examiner shall be paid @\$150 per thesis as approved in 23rd Academic Council meeting.

xi) The Remuneration amount for an expert member (outside of the university) of the Research Scholar's Advisory Committee (SAC) shall be Rs. 2000/- per visit besides TA/DA.

xii) Thesis submission fee of Rs. 3500/- payable at the time of submission of thesis.

Guidelines for Submission of Extended Synopsis

The Extended Synopsis should broadly indicate the work done, objectives proposed and achieved, the methodology adopted and outcomes in chapter wise description. In general, the following should be the sequence of Extended Synopsis:-

1. Cover Page
2. Certificate by Supervisor
3. Content Page
4. Summary/Introduction
5. Research Objectives
6. Organization of proposed thesis (chapter wise)
7. Contribution
8. Scope for further work

The Extended Synopsis should typically be 15 to 20 pages (excluding title pages). It should be neatly typed on both sides in Times New Roman Font of size 12 with 1.5 spacing.

The general guidelines are as follows:

1. Synopsis must be unambiguous. The title of the synopsis must be approved by DRC.
2. The objectives and methodology of the research should be started in bullet form/itemized.
3. The entire text should be grammatically correct and must be at a reasonable language level.
4. The Synopsis must clearly mention the expected outcomes of the research.
5. Synopsis must be accompanied by a certificate duly signed by Supervisor and countersigned by Chairperson concerned testifying therein that the entire text of the Synopsis has been read thoroughly and it is as per the guidelines.

Annexure – B

Certificate from research supervisor(s) stating that

- (i) Two research papers in reputed journals and two papers in conferences/seminars during the period of registration (in the form of an acceptance letter or reprint) from which one research paper is in any Web of Science/ Scopus journals.
- (ii) There is *prima facie* case for the submission of the thesis and the thesis does not contain any work, which has been previously submitted for the award of any degree anywhere.
- (iii) Undertaking from the candidate as well as research Supervisor(s) shall mention that: "The thesis is based on the individual, original work of the candidate, which is previously unpublished research work".
- (iv) It shall be ensured by the research supervisor(s) that: the thesis shall not contain any material that infringes the copyright of any other individual or organization and does not hurt the sentiments of any individual(s) or religion(s). The information such as text, tables, equations, diagrams, figures, charts, graphs, and photographs taken from sources such as published work, like research papers, books, periodicals, web Sites or other sources has been cited appropriately. Further, the opinions expressed or implied in the thesis shall be entirely of the candidate.

Annexure – C

Check List for Scholars/ R&D at the time of pre-submission

1. Minimum duration of three years, including coursework, and a maximum as applicable under clause 'Duration of the programme'.
2. Minimum of five satisfactory progress reports is required for thesis submission.
3. Pre-Ph.D. coursework certificate /DMC with a 55% or above marks or its equivalent grade in the UGC 7-point scale.
4. Ph.D. Registration Letter.
5. 6 copies of extended synopsis.
6. Two research papers (along with the cover page and contents list of that issue) from which one research paper is in any SCI, Scopus, and Web of Science journals, during the period of registration in prestigious refereed international journal in the research area. The candidate should be the main author of the paper. The List of Publication out of the thesis should be divided into three categories:
 - (i) List of Published papers (ii) List of accepted papers (iii) List of communicated papers

The format of the list is given below:

| Sl. No. | Title of the paper along with volume, Issue No, year of publication | Name of Journal with ISSN and Publisher | Indexed in (Web of Science/ Scopus/UGC/ Others) | Referred or Non-Referred | Whether you paid any money or not for publication (Yes/No) | Remarks (Impact factor etc.) |
|---------|---|---|---|--------------------------|--|------------------------------|
| 1. | | | | | | |

7. Two paper presentations at the conference/seminar as per below format:

| Sl. No. | Title of the paper presented | Name of conference | Place where conference held | Mode (Online/ Offline) | Remarks |
|---------|------------------------------|--------------------|-----------------------------|------------------------|---------|
| 1. | | | | | |

8. Patents, if any

Annexure-D**Pre-submission Seminar Report**

Thesis examination is unable to commence until the pre-submission seminar has been completed.

Candidate details:

Name of the candidate

Student Registration
No:

Faculty:

Department:

Supervisor/s:

Date of Registration:

 /

Title of the thesis:

Section A: Committee Report**Members of the Committee**

| Name & Designation | |
|--------------------|--|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |

Oral presentation

On what date was the oral presentation given?

| | |
|--------------------------|--------------------------|
| / | / |
| <input type="text"/> | <input type="text"/> |
| Yes | No |
| <input type="checkbox"/> | <input type="checkbox"/> |
| Yes | No |
| <input type="checkbox"/> | <input type="checkbox"/> |

Did the candidate provide a satisfactory oral presentation of at least 20 minutes?

| | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

Did all members of the review panel attend the oral presentation?

| | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

Thesis submission

Did the candidate meet the guidelines for the thesis submission including any additional requirements of the faculty and/or Department?

| | | | |
|-----|--------------------------|----|--------------------------|
| Yes | <input type="checkbox"/> | No | <input type="checkbox"/> |
|-----|--------------------------|----|--------------------------|

Comments:

Overall feedback

(If insufficient space below, please attach further information to this form)

Comment on the quality of the content and delivery of the candidate's written and oral presentation.

Committee shall give specific Recommendation: *Whether the candidate is allowed to submit his/her thesis as per the presentation of the work or modification are required.*

Signatures of committee members

Annexure A-1

Ph.D. thesis should be prepared in **Latex** using the following formatting

1. ARRANGEMENT OF CONTENTS:

The sequence in which the thesis material should be arranged and bound should be as follows:

1. Cover page
2. Inner cover page
3. Dedication (optional)
4. Candidate's Declaration
5. Certificate of the supervisor
6. Acknowledgement
7. Abstract
8. Table of contents
9. List of tables
10. List of figures/graphs
11. List of photographs
12. List of abbreviations
13. Body of the thesis
14. References
15. Appendices
16. Brief bio data of the research scholar
17. List of publications out of thesis

2. PAGE DIMENSION, TYPING, AND BINDING SPECIFICATIONS

- a. The dimension of the thesis should be in A4 size
- b. The Thesis should be hard bound with a cover page printed on it in the specified format.
- c. Photographs, if necessary, should be suitably mounted on the same quality paper as the thesis.
- d. The typing of cover page, title page, declaration of candidate, certificate of supervisor and name of chapters should be only on one side of the paper whereas the other printing should be on both sides of the paper.
- e. The chapter numbers should be indicated in Roman.
- f. Three copies of the thesis in soft bound and soft copy stored on CD. In case of candidate being supervised by more than one supervisor, appropriate number of additional copies must be submitted.
- g. The colour of the binding (in hard) would be Red. The cover should have the material indicated in the item 'b' above printed on it and should be written with golden ink.
- h. The general text shall be typed in the font style 'Times New Roman' and Font size 12. Use 1.5 spacing between the regular text and quotations.
- i. **FONT**

REGULAR TEXT – Times Roman 12 pts. And normal print

CHAPTER HEADING- Times Roman 16 pts., bold print and all capitals

SECTION HEADINGS- Times Roman 12 pts., bold print and all capitals

SUBSECTION HEADINGS – Times Roman 12 pts., bold print and leading capitals i.e. only first letter in each word should be in capital. Single line spacing should be used for typing the general text.

j. The margins for the regular text should as follows:

Front Side - LEFT = 1.50", RIGHT = 1.00", TOP = 1.00", BOTTOM = 1.00"

Back Side - LEFT = 1.00", RIGHT = 1.50", TOP = 1.00", BOTTOM = 1.00"

3. PREPARATION FORMAT

- 3.1 Cover Page - A specimen copy of the cover page of thesis is given in Appendix-1.
- 3.2 Inner Cover Page - A specimen copy of the inner cover page of thesis is given in Appendix-2.
- 3.3 Dedication - A specimen copy is given in Appendix-3.
- 3.4 Candidate's Declaration – A specimen copy of Declaration certificate is given in Appendix-4.
- 3.5 Certificate of the supervisor – A specimen copy of Title page of certificate is given in Appendix-5. The certificate shall carry the supervisor's signature and shall be followed by the Supervisor's name, academic designation department etc.
- 3.6 Acknowledgment – A specimen copy of Acknowledgement certificate is given in Appendix-6.
- 3.7 Abstract – Abstract should be one or 2 pages synopsis of the thesis typed in one and a half line spacing, Font Style Times new Roman and Font Size 12. A specimen copy abstract of the thesis is given in Appendix-7.
- 3.8 Table of contents – The table of contents should list all material following it as well as and material which precedes it. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the Table of Contents is given in Appendix-8
- 3.9 List of Tables – The list should use exactly the same captions as they appear above the tables in the text. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the list of Tables is given in Appendix-9.
- 3.10 List of Figures – The list should use exactly the same captions as they appear below the figures in the text. One and a half spacing should be adopted for typing the matter under this head. A specimen copy of the List of Figures is given in Appendix-10.
- 3.11 List of photographs –A specimen copy of the List of photographs is given in Appendix-11.
- 3.12 Body of the thesis - The chapters may be broadly divided into 5 parts (i) Introductory chapter including over view of the concerned area and organization of the thesis (ii) Literature review (iii) Scope and objective, methodology of the thesis (iv) Chapters developing the main theme of the thesis work (v) Conclusion and future scope of work.

The main text will be divided into several chapters and each chapter may be further divided into several divisions and sub-divisions.

- The chapter title is the first-order heading. A chapter may be divided into section each of which has a section title (second-order heading). For example, in Chapter 3, the sections will be numbered 3.1, 3.2, etc. If at all possible do not further subdivide a section.
- Use subsections (third-order headings) only if unavoidable. For instance, in section 3.2, the subsections will be numbered 3.2.1, 3.2.2, etc. Do not further subdivide beyond this point For example, subsection 3.2.2 may not be further divided into sub-subsections 3.2.2.1, 3.2.2.2 etc.

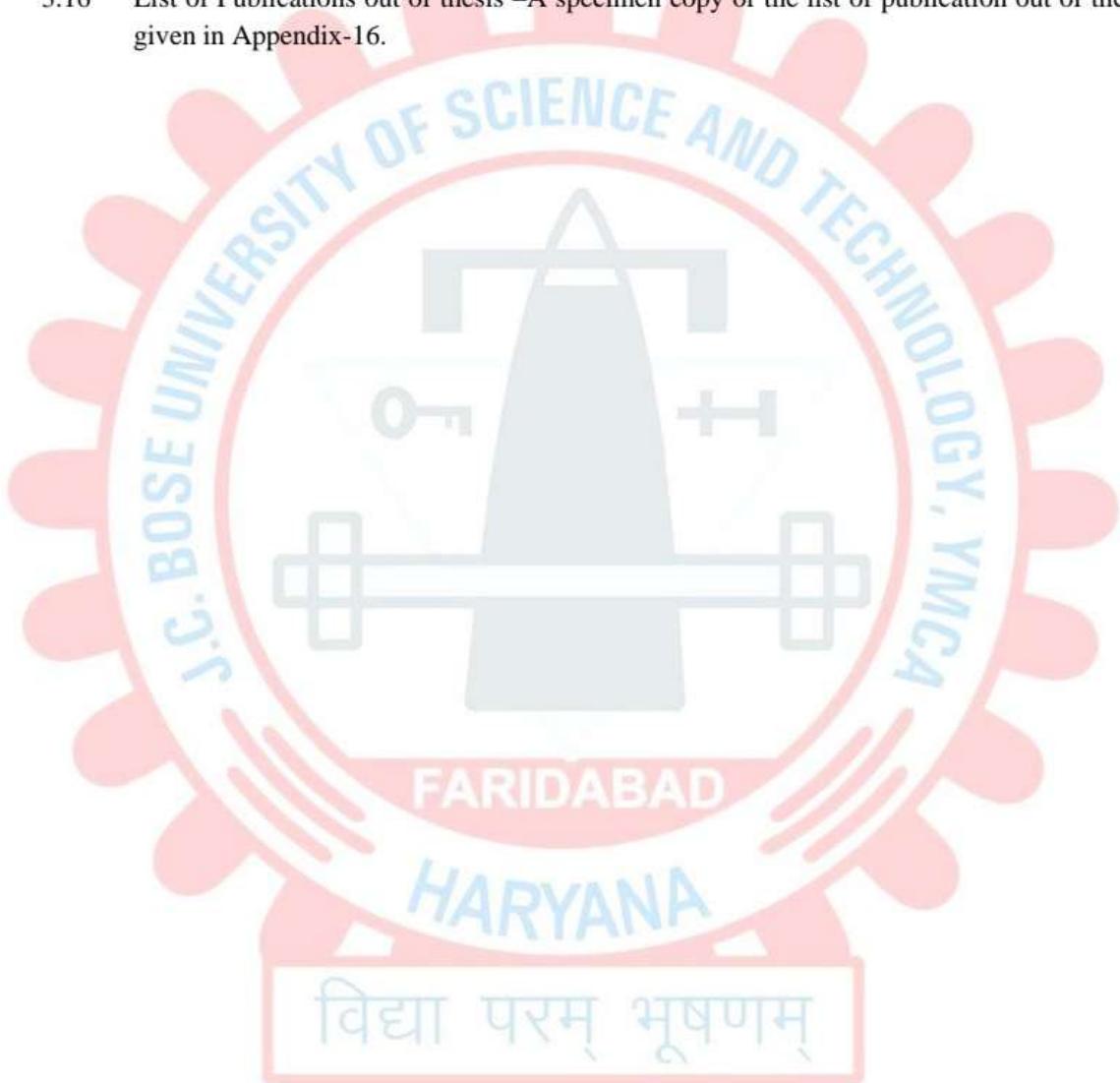
- Tables and figures in a chapter should be placed in the immediate vicinity of the reference where they are cited.
- Footnotes should be used sparingly. They should be typed single space and placed directly underneath in the very same page, which refers to the material they annotate.

3.13 **References** – A specimen copy of Bibliography is given in Appendix 13.

3.14 **Appendices** – A specimen copy of Appendices is given in Appendix 14.

3.15 **Brief bio data of the Ph.D. scholar** – A specimen is given in Appendix 15.

3.16 List of Publications out of thesis –A specimen copy of the list of publication out of thesis is given in Appendix-16.



Annexure-A2

Check List for Students/R&D Section at the time of submission

1. Minimum duration of three years, including coursework, and a maximum as applicable under clause 'Duration of the programme'.
2. Minimum of five satisfactory progress reports is required for thesis submission.
3. Pre-Ph.D. coursework certificate /DMC with a 55% or above marks or its equivalent grade in the UGC 7-point scale.
4. 6 copies of extended synopsis and 3 soft-bound copies of thesis.
5. Two research papers (along with the cover page and contents list of that issue) from which one research paper is in any Web of Science and Scopus indexed journals, during the period of registration in a prestigious refereed international journal in the research area. The candidate should be the main author in the paper. The List of Publication out of thesis should be divided into three categories:
 - (i) List of Published papers
 - (ii) List of accepted papers
 - (iii) List of communicated papers

The format of the list is given below

| S.No. | Title of the paper along with volume, Issue No, year of publication | Publisher | Impact factor | Whether Referred or Non-referred | Indexed in SCIE/Web of Science/ Scopus/ UGC/ Others | Whether you paid any money or not for publication | Remarks |
|-------|---|-----------|---------------|----------------------------------|---|---|---------|
| | | | | | | | |

6. Two paper presentations at the conference/seminar as per below format (attach proof):

| Sl. No. | Title of the paper presented | Name of conference | Place where conference held | Mode (Online/ Offline) | Remarks |
|---------|------------------------------|--------------------|-----------------------------|------------------------|---------|
| 1. | | | | | |

7. Similarity report (not more than 10%) and certificate by supervisor and Chairperson.
8. Thesis submission fee as applicable at the time of thesis submission.
9. No Dues Certificate from all the concerned departments/sections.

APPENDIX 1 & 2**TITLE OF THESIS**

(Capital Letters, Font-Times New Roman, Size-18)

THESIS

(Font-Times New Roman, Size-14)

Submitted in fulfillment of the requirement of Degree of

(Font-Times New Roman, Italic, Size-14)

DOCTOR OF PHILOSOPHY

(Capital Letters, Font-Times New Roman, Size-16)

to

(Font-Times New Roman, Italic, Size-14)

The Name of faculty

(Font-Times New Roman, Size-14)

by

(Font-Times New Roman, Italic, Size-14)

NAME OF SCHOLAR

(Capital Letters, Font-Times New Roman, Size-14)

(Registration No.....)

(Font-Times New Roman, Size-14)

Under the supervision of

(Font-Times New Roman, Size-14)

NAME OF SUPERVISOR(s)

(Capital Letters, Font-Times New Roman, Size-14)



Logo size 46mmx46mm

Department Name

(Font-Times New Roman, Size-14)

J.C. Bose University of Science and Technology, YMCA, Faridabad**Sec-6, Mathura Road, Faridabad-121006, Haryana, INDIA**

(Font-Times New Roman, Size-12)

Month Year

(Font-Times New Roman, Size-14)

APPENDIX 3**DEDICATION**

Body Text

My Parents/.....

to



APPENDIX 4

DECLARATION

Body Text

I hereby declare that this thesis entitled <TITLE OF THESIS> by <NAME OF STUDENT>, being submitted in fulfillment of the requirements for the Degree of Doctor of Philosophy in <NAME OF THE DEPARTMENT> under Faculty of _____ J.C. Bose of University of Science and Technology, YMCA, Faridabad, during the academic year _____, is a bona fide record of my original work carried out under guidance and supervision of **NAME OF SUPERVISOR, DESIGNATION, DEPARTMENT** and has not been presented elsewhere.

I further declare that the thesis does not contain any part of any work which has been submitted for the award of any degree either in this university or in any other university.

(Name of Student)

Registration No. _____

APPENDIX 5

CERTIFICATE

<Font-Style Times New Roman, size – 16>

This is to certify that this Thesis entitled <TITLE OF THESIS> <by NAME OF STUDENT>, submitted in fulfillment of the requirement for the Degree of Doctor of Philosophy in <NAME OF THE BRANCH> under Faculty of _____ J.C. Bose of University of Science and Technology, YMCA Faridabad, during the academic year _____, is a bonafide record of work carried out under my guidance and supervision.

I further declare that to the best of my knowledge, the thesis does not contain any part of any work which has been submitted for the award of any degree either in this university or in any other university.

(Signature of Supervisor)

Name of Supervisor

DESIGNATION

Department of _____

Faculty of _____

J.C. Bose University of Science and Technology, YMCA
Faridabad

Dated:

APPENDIX 6

ACKNOWLEDGEMENT

Body Text

I would like to express my sincere gratitude to my Supervisor <Name of Supervisor> / Joint Supervisor <Name of Joint Supervisor> for giving me the opportunity to work in this area. It would never be possible for me to take this thesis to this level without his/her innovative ideas and his/her relentless support and encouragement.

(Name of Student)
Registration No. _____

APPENDIX 7

ABSTRACT

Body Text



Appendix 8

TABLE OF CONTENTS

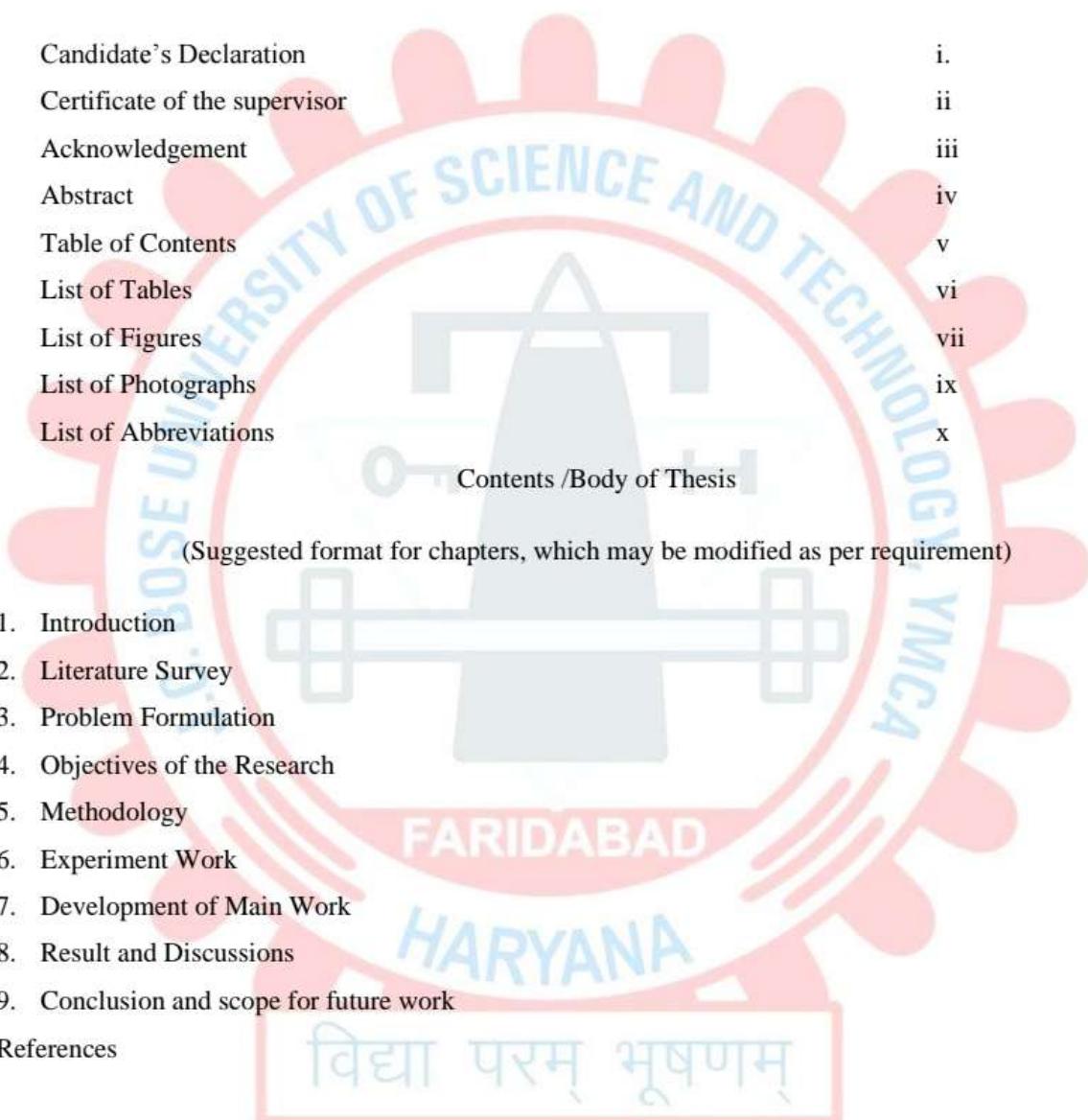
| | |
|-------------------------------|-----|
| Candidate's Declaration | i. |
| Certificate of the supervisor | ii |
| Acknowledgement | iii |
| Abstract | iv |
| Table of Contents | v |
| List of Tables | vi |
| List of Figures | vii |
| List of Photographs | ix |
| List of Abbreviations | x |

Contents /Body of Thesis

(Suggested format for chapters, which may be modified as per requirement)

1. Introduction
2. Literature Survey
3. Problem Formulation
4. Objectives of the Research
5. Methodology
6. Experiment Work
7. Development of Main Work
8. Result and Discussions
9. Conclusion and scope for future work

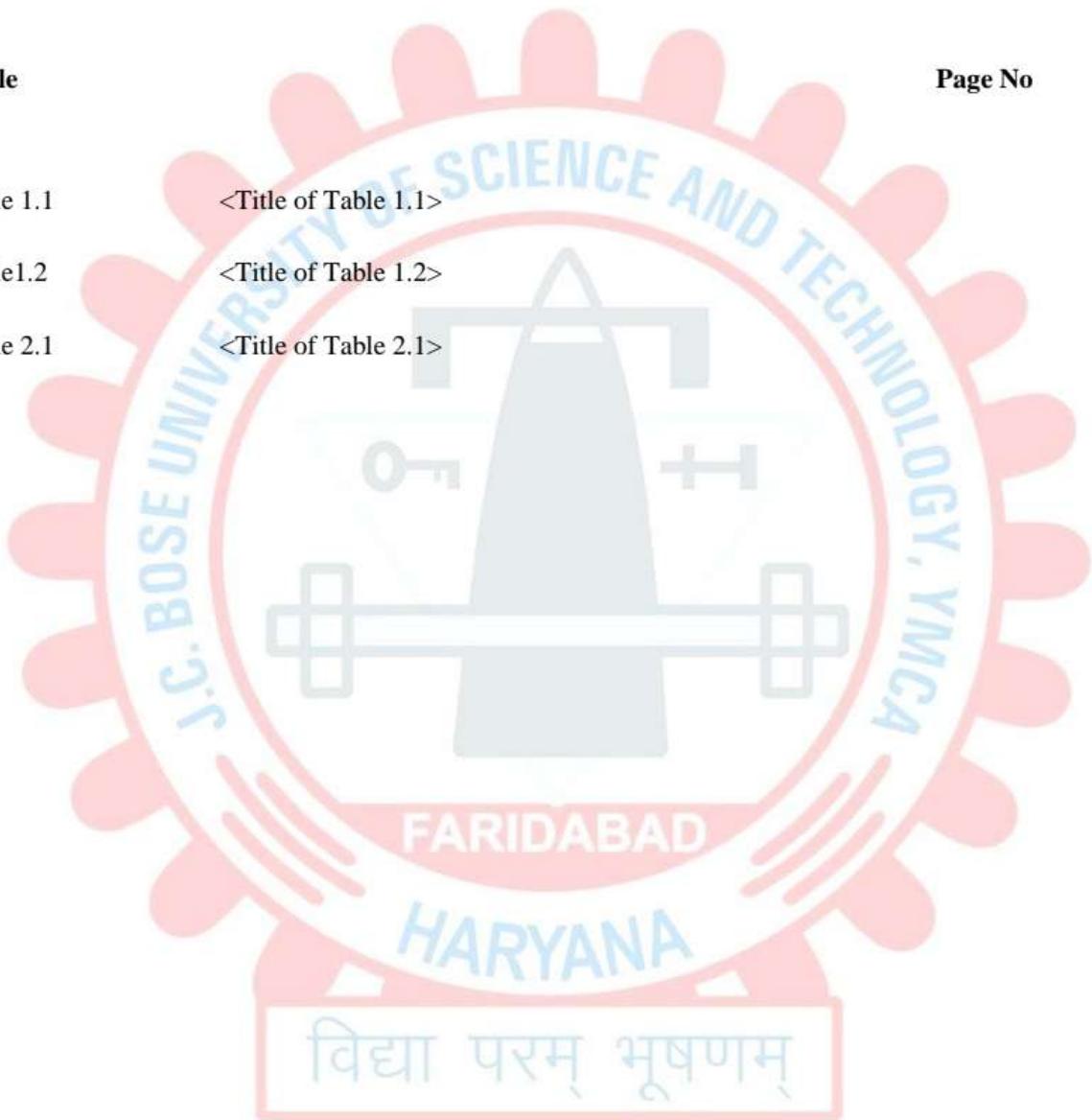
References



APPENDIX 9

LIST OF TABLES

| Table | Page No |
|-----------|----------------------|
| Table 1.1 | <Title of Table 1.1> |
| Table 1.2 | <Title of Table 1.2> |
| Table 2.1 | <Title of Table 2.1> |



APPENDIX 10**LIST OF FIGURES/GRAPHS**

| Figure | Page No. |
|---------------|-----------------|
|---------------|-----------------|

| | |
|------------|-----------------------|
| Figure 1.1 | <Title of Figure 1.1> |
|------------|-----------------------|

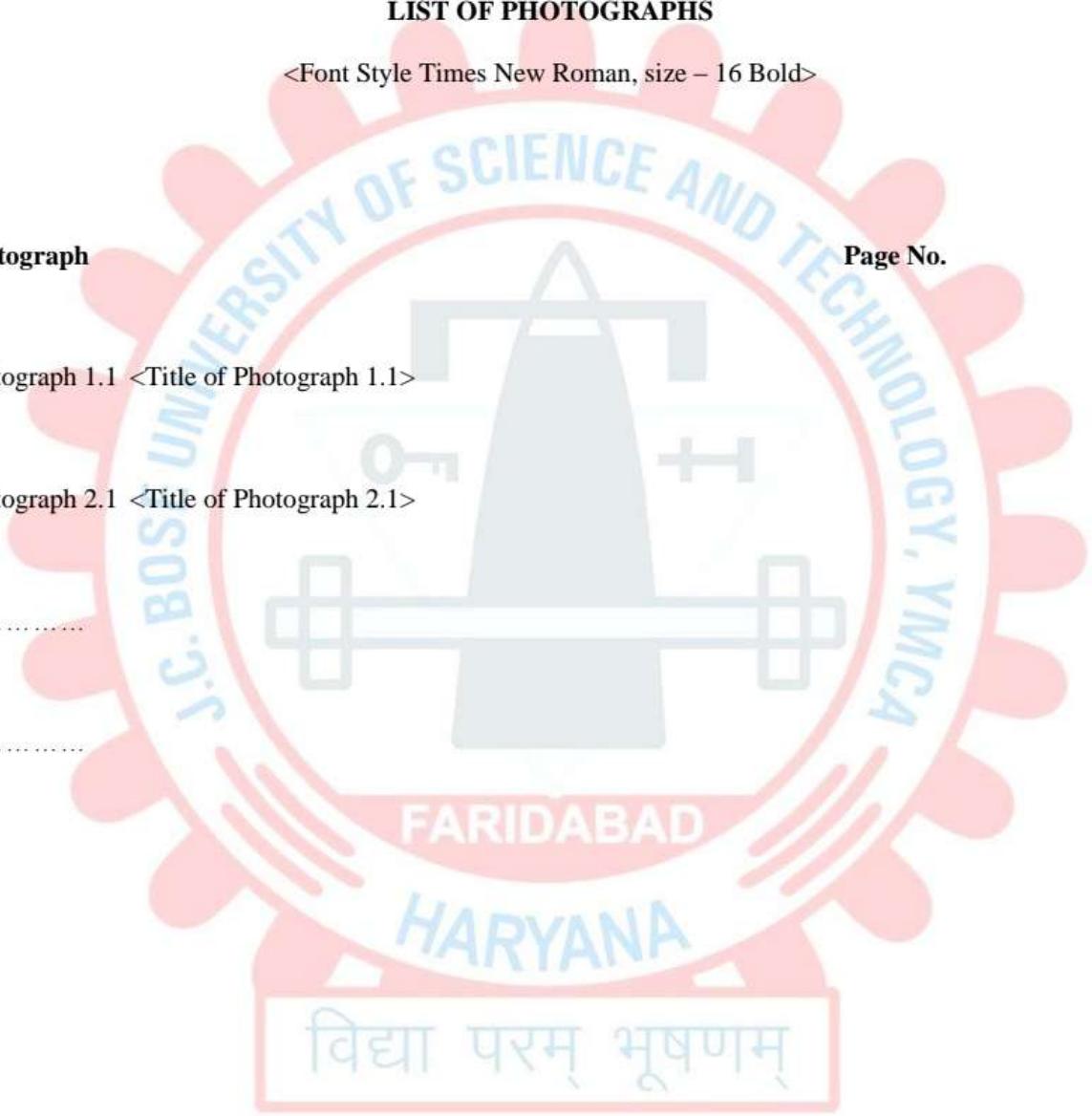
| | |
|------------|-----------------------|
| Figure 2.1 | <Title of Figure 2.1> |
|------------|-----------------------|

APPENDIX 11**LIST OF PHOTOGRAPHS**

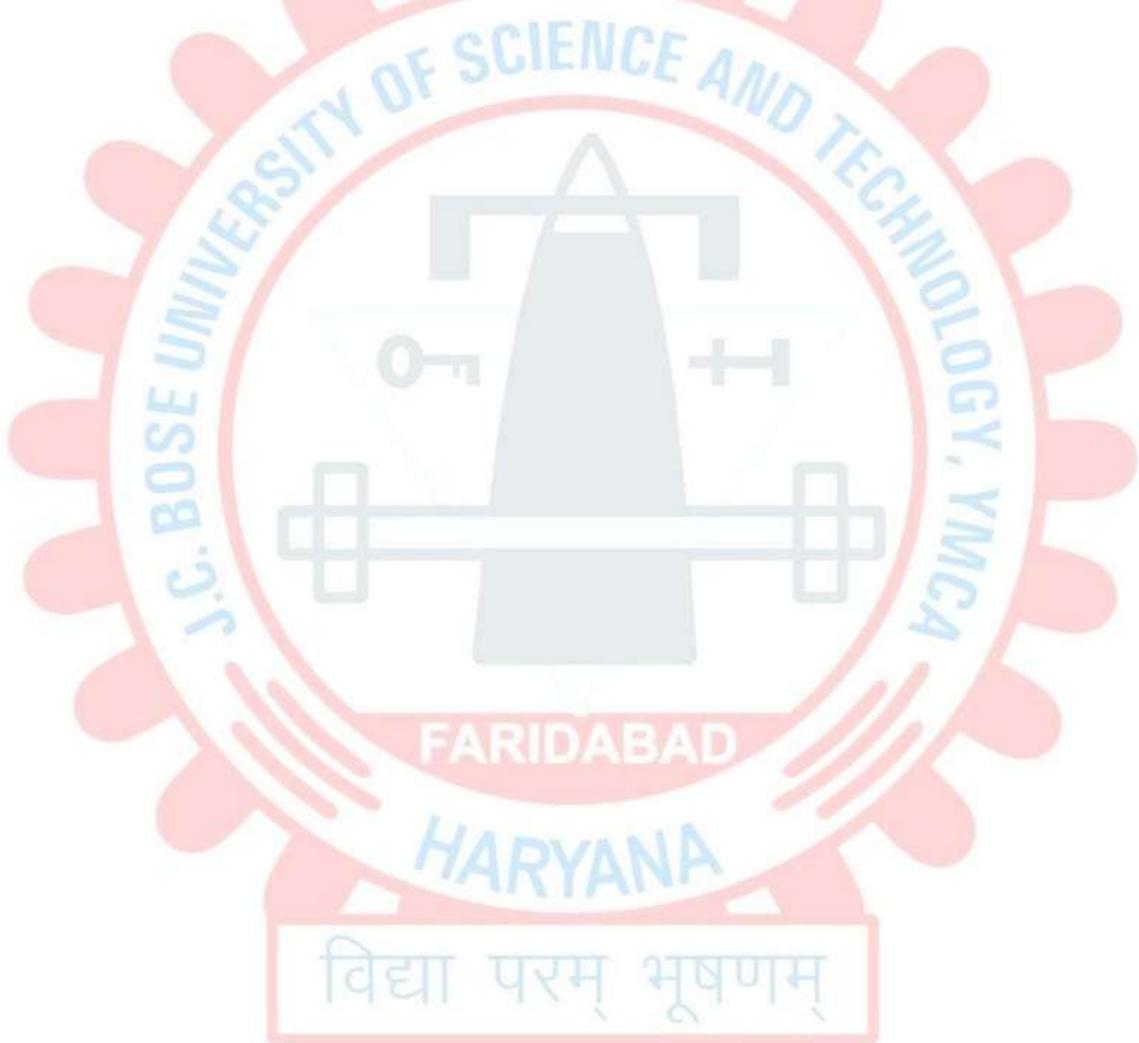
Photograph**Page No.**

Photograph 1.1 <Title of Photograph 1.1>

Photograph 2.1 <Title of Photograph 2.1>



APPENDIX 12**LIST OF ABBREVIATIONS**



APPENDIX 13

REFERENCES

- [1] A. Rezi and M. Allam, "Techniques in array processing by means of transformations, " in *Control and Dynamic Systems*, Vol. 69, Multidimensional Systems, C. T. Leondes, Ed. San Diego: Academic Press, 1995, pp. 133-180.
- [2] S. M. Hemmington, *Soft Science*. Saskatoon: University of Saskatchewan Press, 1997.
- [3] N. Osifchin and G. Vau, "Power considerations for the modernization of telecommunications in Central and Eastern European and former Soviet Union (CEE/FSU) countries," in *Second International Telecommunications Energy Special Conference*, 1997, pp. 9-16.
- [4] D. Sarunyagate, Ed., *Lasers*. New York: McGraw-Hill, 1996.
- [5] O. B. R. Strimpel, "Computer graphics," in *McGraw-Hill Encyclopedia of Science and Technology*, 8th ed., Vol. 4. New York: McGraw-Hill, 1997, pp. 279-283.
- [6] K. Schwalbe, *Information Technology Project Management*, 3rd ed. Boston: Course Technology, 2004.
- [7] L. Vertelney, M. Arent, and H. Lieberman, "Two disciplines in search of an interface: Reflections on a design problem," in *The Art of Human-Computer Interface Design*, B. Laurel, Ed. Reading, MA: Addison-Wesley, 1990. Reprinted in *Human-Computer Interaction (ICT 235) Readings and Lecture Notes*, Vol. 1. Murdoch: Murdoch University, 2005, pp. 32-37.
- [8] E. P. Wigner, "Theory of traveling wave optical laser," *Physical Review*, vol.134, pp. A635-A646, Dec. 1965.



APPENDIX 14

APPENDICES

Body Text



APPENDIX 15

BRIEF PROFILE OF THE RESEARCH SCHOLAR

Body Text



APPENDIX 16

LIST OF PUBLICATIONS OUT OF THESIS

Body Text

List of Published Papers

| Sl. No. | Title of Paper | Name of Journal with ISSN | Volume, Issue & Page No. / DOI | Publisher | Indexed in (Web of Science/ Scopus/UGC/Others) | Published Month & Year |
|---------|----------------|---------------------------|--------------------------------|-----------|--|------------------------|
| 1. | | | | | | |

List of Accepted Papers

| Sl. No. | Title of Paper | Name of Journal with ISSN | Volume & Issue / DOI | Publisher | Indexed in (Web of Science/ Scopus/UGC/Others) | Accepted Month & Year |
|---------|----------------|---------------------------|----------------------|-----------|--|-----------------------|
| 1. | | | | | | |

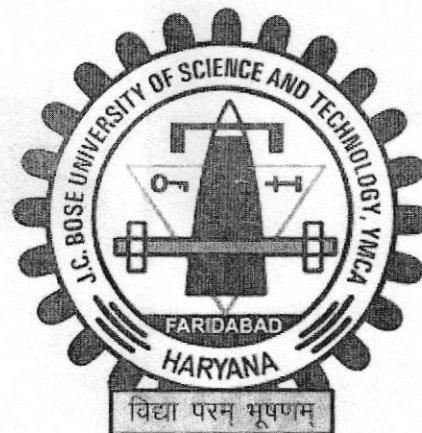
List of Communicated Papers

| Sl. No. | Title of the Paper | Name of Journal with ISSN | Publisher | Indexed in (Web of Science/ Scopus/UGC/Others) | Present Status | Communicated Month & Year |
|---------|--------------------|---------------------------|-----------|--|----------------|---------------------------|
| 1. | | | | | | |

28.25.01

J. C. Bose University of science and Technology, YMCA
Faridabad (INDIA)

(NAAC Accredited A+ Grade University of State Govt. established by Haryana State
Legislative Act No. 21 of 2009)



Minutes of Meeting
of
19th Meeting
of
Board of Faculty
of
Engineering & Technology
held on
28-09-2023

Venue:
Conference Hall
Department of Mechanical Engineering
J C Bose University of Science and Technology, YMCA
Sector-6, Faridabad-121006, Haryana (INDIA)

R Kumar

(ii)

Minutes of 19th Meeting of Board of Faculty of Engineering & Technology (FET) held on 28-09-2023 at 11.00 AM in the Conference Room of Mechanical Engineering Department

Meeting of Board of Faculty of Faculty of Engineering & Technology was held on 28-09-2022 at 11:00 AM under the Chairmanship of Prof. Raj Kumar, Dean-FET.

Following members attended the meeting: -

PRESENTS:

1. Prof. (Dr.) Raj Kumar, Dean Faculty of Engineering and Technology : Chairman (BOF)
2. Prof. Arvind Gupta, Chairman (Mechanical Engg.) : Ex-officio Member
3. *Prof. Munish Vashista, Chairman (Electronics Engg.): Ex-Officio Member
4. Prof. (Ms.) Anju Gupta, Chairman (Electrical Engg.) : Ex-Officio Member
5. Dr. Rajni Saggu, Associate Professor & Incharge (Civil Engg.): Member
6. Prof. Vikas Turk, Professor (Mechanical Engg.) : Member
7. Prof. (Ms.) Poonam Singhal, Professor (Electrical Engg.) : Member
8. Prof. Neelam Turk, Professor (Electronics Engg.) : Member
9. Dr. Sanjeev Goyal, Associate Prof. (Mechanical Engg.) : Member
10. Dr. Shailender Gupta, Associate Prof. (Electronics Engg.): Member
11. Dr. Yogesh Arya, Associate Prof. (Electrical Engg.) : Member
12. Dr. Balkishan, Assistant Prof. (Electronics Engg.) : Member
13. Dr. Mukesh Gupta, Assistant Prof. (Mechanical Engg.) : Member
14. Dr. Sakshi Kalra, Assistant Prof. (Electrical Engg.) : Member
15. Dr. Vishal Puri, Assistant Prof. (Civil Engg.) : Member

*(Attended the meeting on behalf of Chairman Electronics)

Following members could not attend the meeting due to their preoccupancy: -

1. Registrar, J C Bose University of Science and Technology, YMCA, Faridabad
2. Sh. Sanjay Singhal, MD, Super Auto India Ltd., Faridabad



(iii)

At the outset, Prof. Raj Kumar, Dean-FET & Chairman of Board of Faculty of Engineering and Technology, J.C Bose University of Science & Technology, YMCA, Faridabad welcomed all the members of the Board. Minutes of 19th meeting of the BOF-FET is as follows as per the agenda circulated:-

Item No. BOF/19/01: To consider and approve the minutes of 18th Meeting of BOF held on 14-09-2022

In the meeting, the minutes of BOF were discussed and approved. (Page 1-3)

Item No. BOF/19/02: To consider and note the action taken report on the minutes of BOF meeting held on 14-09-2022

| Sr. No. | Agenda | Action taken |
|--------------------|---|--|
| Item No. BOF/18/01 | To consider and approve the minutes of 17th meeting of BOF held on 09-03-2022. | <i>Approved</i> |
| Item No. BOF/18/02 | To consider and note the action taken report on the Minutes of meeting held on 09-03-2022. | <i>BOF noted the action taken report</i> |
| Item No. BOF/18/03 | To consider and approve the Minutes of Board of Studies of UG & PG held on 30-8-22 of Mechanical Engineering Department. | <i>Discussed & Approved</i> |
| Item No. BOF/18/04 | To consider and approve the Minutes of Board of Studies dated 04-8-2022 in Civil Engineering Department. | <i>To check the feasibility to introduce PG Course</i> |
| Item No. BOF/18/05 | To consider and approve the Minutes of Board of Studies UG dated 18-5-22 and 8-8-2022 meeting of Electronics Engineering Department. | <i>Discussed & Approved</i> |
| Item No. BOF/18/06 | To consider and approve the Minutes of Board of Studies UG held on 28-3-2022 of Electrical Engineering Department. | <i>Discussed & Approved</i> |
| Item No. BoF/18/07 | <ul style="list-style-type: none"> A. To inform BOF about list of Value added courses conducted during academic year 2022-23 B. To inform the decision of Academic Council regarding B.Tech.Mechanical Engg. Hindi language. C. To inform regarding NBA Accreditation of B.Tech. ECE for a period of 03 years. Team visited on 18-06-2022. | <i>Noted</i> <i>Noted</i> <i>Noted</i> <i>Noted</i> |

| | | |
|-----------------------|---|---|
| | <p>D. To discuss regarding preparation of NAAC from 10-10-22 to 12-10-22.</p> <p>E. To discuss regarding start of Specialized/ Minor Degree by Engineering Department.</p> | <i>All Engg. Department except Civil Engg., Introduced the Minor Degree Program</i> |
| Item No. BOF/18/08 | <p>In any other item, Dr. Renuka Gupta, In-charge Environment Sc. & Engg. Put agenda for approval of Syllabus of B.Tech. Environment Engg. 3rd & 4th Semester. It was finalized after a curriculum workshop on 08-09-2022 followed by BOS meeting of the Deptt.</p> | <i>Discussed & Approved</i> |

Item No. BOF/19/03: To consider and approve the Minutes of Meeting of Board of Studies UG held on 27-09-2023 of Mechanical Engineering Department

Discussed and Approved (Page 4-39)

Item No. BOF/19/04: To consider and approve the Minutes of Meeting of Board of Studies PG held on 20-09-2023 of Mechanical Engineering Department

Discussed and Approved (Page 40-73)

Item No. BOF/19/05: To consider and approve the Minutes of meeting of Board of Studies held on 26-09-2023 of Civil Engineering Department

Discussed and Approved (Page 74-85)

Item No. BOF/19/06: To consider and approve the Minutes of Meeting of Board of Studies PG held on 18-09-2023 of Electronics Engineering Department

Discussed and Approved (Page 86-93)

Item No. BOF/19/07: To consider and approve the Minutes of Meeting of Board of Studies UG held on 26-05-2023 of Electrical Engineering Department

Discussed and Approved (Page 94-113)



Item No. BOF/19/08: To consider and approve the Minutes of Meeting of Board of Studies PG held on 17-03-2023 of Electrical Engineering Department

Discussed and Approved (Page 40-133)

Item No. BOF/19/09: Additional Agenda

| Sub Items | Details |
|--|---|
| A. To inform BOF about list of Value added courses | <ul style="list-style-type: none"> i. 'Professional Communication for Success' by Electrical Engineering Department ii. 'IndustryReadiness Program' by Electronics Engg. Department iii. 'Basics of Automobile' by Mechanical Engineering Department iv. 'Basics Of Python Coding and Deep Learning Based Artificial Intelligence' by Civil Engineering Department |
| B. To inform BOF about the Lecture Series conducted by the Departments | <p>Lecture Series conducted by the Electronics Engineering Department</p> <ul style="list-style-type: none"> i. Advance Concepts in Digital Design- PART-2 by Sh. Bharat Bhushan, Assistant Professor ii. Latest Trends in Design of Planar Antennas by Dr. Preet Kaur, Associate Professor iii. Recent Designs and Applications of PV, Hybrid PV And PVT Collectors by Dr. Rohit Tripathi <p>Lecture Series conducted by the Civil Engineering Department</p> <ul style="list-style-type: none"> i. 'Developments in Building Materials' by Dr. N.K. Tiwari, National Council for Cement and Building Materials, Faridabad (NCCBM) ii. 'Ultra-High-Performance Concrete & Durability Design of RC Structures' by Mr. P.N. Ojha, Joint Director & Head CDR(NCCBM) iii. 'Geopolymer Concrete-A Sustainable Material & Quality Assurance and Quality Control in Construction' by Mr. Amit Trivedi, General Manager & Head |



(V)

| | |
|---|---|
| | <p>of Centre-CQC, (NCCBM)</p> <p>iv. 'High Strength Fibre Reinforced Concrete and its Performance & Non-Destructive Testing of Reinforced Concrete Structure' by Mr.Brijesh Singh, Group Manager (Scientist D) & PL-CDR, (NCCBM)</p> <p>Lecture Series conducted by the Electrical Engineering Department</p> <ul style="list-style-type: none"> I. 'Introduction to LabView & its Applications' by Dr. Sakshi Kalra II. 'Renewable Energy & its interconnects to form Micro-Grid' by Ms. Shipra Jain III. 'Introduction of Various hybrid drive train topologies and its power flow control' by Dr. Shakuntla Boora IV. 'Control Aspects of Self Excited Induction Generator' by Prof. Rajesh Kumar Ahuja V. 'Introduction to Electric Vehicles' by Prof. Poonam Singhal VI. 'Integration of solar photovoltaic generation to three phase utility' by Dr. Rashmi Agarwal |
| <p>C. To report number of students qualified for national level Competitive exam.</p> | <p>The following students cleared the GATE-2023 Exam as reported by Electronics Engineering Department.</p> <ul style="list-style-type: none"> i. Somay, Roll No 20001008056 ii. Jatin Garg, Roll No 20001008025 <p>(Page 134-135)</p> <p>The following students cleared the GATE-2023 Exam as reported by Electronics Engineering Department.</p> <ul style="list-style-type: none"> i. HIMANSHU BHARTI ii. SHUBHAM NAGIA iii. JYOTI iv. SAKSHAM KOHLI v. VIKASH vi. YASH TYAGI <p>(Page 136-142)</p> |
| <p>D. To report number of students gone for higher studies</p> | <p>The following students gone for higher studies as reported by Civil Engineering Department :-</p> <ul style="list-style-type: none"> i. Mohsin Zaki, M.Tech. from NIT |



(YII)

| | |
|--|--|
| | Kurukshetra ii. Isha, M.Tech. from NIT Kurukshetra iii. Shivam Pandit, M.Tech. from SRM Global <i>(Page 143)</i> |
|--|--|

In addition to above the following points were also discussed :-

1. Board of Faculty also felt the need of NBA Cell to be formed at the University level.
2. Board of Faculty has requested Chairpersons of Engineering Department to initiate the process of next NBA accreditation.
3. In the meeting members have raised the concern of excessive use of faculty by Employment and Training Office, so BOF felt to discuss the same with TPO.
4. Chairperson-in-Charge, Civil Engineering Department to ensure the availability of infrastructure for the starting the M.Tech. programme.

The meeting ended with thanks to all.


Prof. (Dr.)Raj Kumar
 Chairman-BOF (Engg.& Tech.)

(viii)

Bus - 66

**J.C. Bose University of Science & Technology, YMCA,
Faridabad**

(NAAC Accredited "A+" Grade University of State Govt. established by Haryana State Legislative
Act No.21 of 2009)



Minutes of Meetings

of

22nd Meeting of Board of Studies (UG) Mechanical Engineering Department

held on

27.9.23 at 11.00AM

Venue:

**Conference Hall, Department of Mechanical Engineering,
J.C. Bose University of Science & Technology, YMCA, Sector-6,
Faridabad-121006**

MINUTES OF MEETING of 22nd BOARD OF STUDIES (UG)

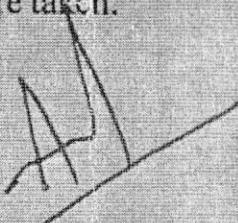
Following members were present in meeting:

| | |
|--|---------------------------------|
| 1 Dr.Arvind Gupta, Professor & chairperson (ME) | : Chairman (BOS) |
| 2 Dr.Sandeep Grover, Professor | : Dean (Institution) |
| 3 Dr.M.L.Aggarwal, Professor | : Member |
| 4 Dr.Sandhya Dixit, Professor | : Member |
| 5 Mr.Surender Singh, Assistant Professor | : Member |
| 6 Dr.Praveen Sharma, HOD ME, Aravali College of Engg. & Tech., Faridabad | : Member (Affiliated college) |
| 7 Dr.Anil Bareja, MD, Bareja Solar and Projects, New Delhi | : Member(Alumni Representative) |
| 8 Dr.SanjeevGoyal, Associate Professor | : Invited Member |
| 9 Dr. Rajeev Saha, Associate Professor | : Invited Member |

Following members could not attend the meeting:

| | |
|---|-------------------------------|
| 1 Dr.Kailash, Associate Professor, SatyugDarshan Institute of Engg. & Tech., Faridabad | : Member (Affiliated college) |
| 2 Dr.MahendraNarwal, Professor,DCRUST | : Member (Outside expert) |
| 3 Sh. AmitSinha, VP, Sterling tools Ltd. Faridabad | : Member (Industry) |
| 4 Sh. AmitKalra, Head of Design & Development, Sandhar Automotive, Gurgaon | : Member (Industry) |

At the outset, Dr. Arvind Gupta, Chairman of Board of Studies of Department, warmly, welcomed all the members of the Board. The various Agenda items were taken up and after discussion, the following decisions were taken.



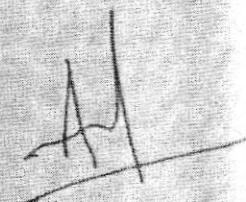
Minutes of Meeting of 22nd BOS held on 27.9.2023

| | |
|-----------------------|--|
| ITEM NO. BOS/22/01 | To Confirm the Minutes of 21 st meeting of the Board of Studies held on 24.3.2023 |
| | <p>The Minutes of 21st Meeting of the Board of Studies held on 24.3.2023, were presented before the members of the Board and were approved.</p> |
| ITEM NO. BOS/22/02 | To apprise the members about the Action Taken Report (ATR) on the Minutes of BOS meeting held on 24.3.2023 |
| | <p>Action Taken Report (ATR) on the Minutes of Board of Studies Meeting held on 24.3.2023 was presented before the members of the Board and was approved.</p> |
| ITEM NO. BOS/22/03 | <p>To consider and approve the scheme and syllabi for Minor Degree/ Specialization Programme in Robotics offered by Mechanical Engineering department (<u>Annexure C</u>)</p> <p>This program will be offered for B.Tech II year all Branches except Robotics and Artificial Intelligence (Specialization for B.Tech Mechanical Engineering and Minor Degree for other branches)</p> <p><i>The scheme and syllabi for Minor Degree/ Specialization Programme in Robotics offered by Mechanical Engineering department, was presented before the members of the Board. The BOS approved the same with inclusion of one MOOC course.</i></p> |
| ITEM NO. BOS/22/04 | <p>To consider and Post facto approval of Syllabi for B.Tech. Mechanical Engineering 5th Semester, Hindi Medium for session 2021-2025 (<u>Annexure D</u>)</p> <p>This program has been offered for B.Tech- 5 th Semester, Mechanical Engineering, Hindi Medium. The syllabus contents are absolutely similar from B. Tech , Mechanical Engineering(English Medium), Scheme for session 2021-25. It was suggested that technical words in English may be added in Syllabi of B.Tech. Mechanical Engineering, Hindi Medium. After discussion BOS members approved the same.</p> |



| | |
|-----------------------|--|
| ITEM NO. BOS/22/05 | <p>To Consider and Approve the list of Examiner for UG courses (Annexure E)</p> <p>The list of examiners for UG course was presented before the members of the Board. The Board approved the list of examiners for the PG courses of Mechanical Engineering Department. Board of Studies also authorized the Chairperson to add/remove name of external examiners in addition to the approved list.</p> |
| ITEM NO. BOS/22/06 | <p>Any other Item with the permission of Chair.</p> <p>No other Item was found.</p> |

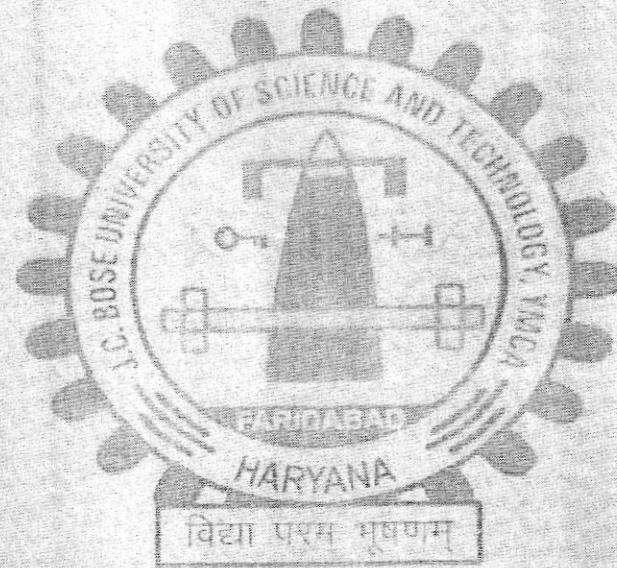
The meeting ended with the vote of thanks to the Chair.



Bis - PG

Minutes

J.C. Bose University of Science & Technology, YMCA, Faridabad
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MINUTES

for

10th Meeting of Board of Studies (PG)
 Mechanical Engineering Department

held on

20.9.2023 at 3:00 PM

Venue:

Conference Hall, Department of Mechanical Engineering,
 J.C. Bose University of Science & Technology, YMCA, Sector-6,
 Faridabad-121006

MECHANICAL ENGINEERING DEPARTMENT

MINUTES OF MEETING FOR THE 10th MEETING OF BOARD OF STUDIES (PG)

Following members were present in the meeting:

| | |
|--|-----------------------------|
| 1. Dr. Arvind Gupta, Professor & Chairperson (ME Dept.) | Chairman |
| 2. Dr. Sandeep Grover, Professor | Member |
| 3. Dr. Tilak Raj, Professor | Member |
| 4. Dr. M.L. Agarwal, Professor | Member |
| 5. Dr. Raj Kumar, Professor | Member |
| 6. Dr. Vikram Singh, Professor | Member |
| 7. Dr. Vikas Turk, Professor | Member |
| 8. Dr. HanoOm, Professor | Member |
| 9. Dr. Vasdev Malhotra, Professor | Member |
| 10. Dr. Sandhya Dixit, Professor | Member |
| 11. Dr. Sanjeev Goyal, Associate Professor | Member |
| 12. Dr. Bhupender Singh, Assistant Professor | Member |
| 13. Dr. Nihal Panwar, Assistant Professor | Member |
| 14. Mr. Rajesh Attri, Assistant Professor | Invited Member |
| 15. Dr. Surender Kumar, Associate Professor, Shriram College of Engg. and Mgmt., Patiala | Member (Affiliated college) |
| 16. Dr. Qasim Murtaza | Member (Outside Expert) |

Following members could not attend the meeting:

| | |
|---|-----------------------------|
| 1. Dr. Lakhwinder Singh, Professor | Member |
| 2. Dr. Sanjeev Kumar, Professor | Member |
| 3. Dr. Mukesh Gupta, Assistant Professor | Member |
| 4. Dr. Dharmender (HOD), Advance Institute of Tech. & Mgt., Faridabad | Member (Affiliated college) |
| 5. Dr. Samsher, VC, HBTU, Kannpur | Member (Outside Expert) |

| | | |
|----|--|----------------------|
| 6 | Dr. Kishan Kumar Gaur, Additional Director, DRDO, New Delhi | Member from Industry |
| 7 | Mr. Ajay Kumar Hariharan, Chief General Manager, IOCL, Ltd., Faridabad | Member from Industry |
| 8 | Dr. Mohit Vohra, M V Electro Pvt. Ltd. | Member from Industry |
| 9 | Dr. Naveen Sood, Managing Director, VG Industries, Faridabad | Member (Alumni) |
| 10 | Dr. Vivek Narula, Professor, MRIDU | Member (Alumni) |

At the outset, Dr. Arvind Gupta, Chairman of Board of Studies of Mechanical Engineering Department warmly welcomed all the members of the Board.

The various Agenda items were taken up and after discussion, the following decisions were taken:

| | |
|----------------------------|--|
| ITEM NO. BOS (PG)/10/01 | To Confirm the Minutes of 9 th meeting of Board of Studies held on 30.08.2022 (Annexure A) |
| | The Minutes of 9 th Meeting of the Board of Studies for PG courses, held on 30.9.2022 at 3PM, were presented before the members of the Board. After discussion, minutes of 9 th meeting were approved. |
| ITEM NO. BOS (PG)/10/02 | To Consider the Action Taken Report (ATR) on the Minutes of BOS meeting held on 30.08.2022 (Annexure B) |
| | Action Taken Report on the minutes of Board of Studies meeting, held on 30.9.2022 at 3 PM was presented before the members of the Board. After discussion, Action Taken Report of 9 th meeting was approved. |
| ITEM NO. BOS (PG)/10/03 | To consider and approve the minutes of DRC meeting held on 18.11.22, 13.01.2023, 28.2.23, 1.6.23 and 26.7.23(Annexure C) |
| | DRC Minutes of meeting held on 18.11.22, 13.01.2023, 28.2.23, 1.6.23 and 26.7.23 were presented before the members of the Board. After discussion, DRC minutes were approved. |



Chairman BOS
(Dr. Arvind Gupta)

To Consider and Approve the list of Examiner for PG
course (Annexure D)

The list of examiners for PG course was presented before the members of the Board. The Board approved the principle list of examiners for the PG courses of Mechanical Engineering Department. Board of Studies also authorized the Chairperson to add/remove name of external examiners in addition to the approved list.

11/10/2014 BOS
(Dr. Arvind Gupta)

To consider and approve the list of examiners of PhD
scholar of the Mechanical Engineering Department.

L. Mr. Om Prakash, Research Scholar of Dr. Arvind
Gupta and Dr. Basant Singh Sikarwar

The Board approved the list of examiners for the PhD
scholar of Mechanical Engg. Department, as under.

1. Mr. Om Prakash, Scholar under Dr. Arvind Gupta,
Professor (Supervisor) and Dr. Basant Kumar Sikarwar,
Professor (Co-supervisor)

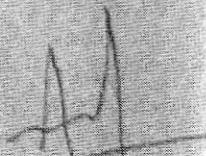
It was informed by the respective supervisors that list of
examiners is as per the PhD ordinance. Board approved the
same.

11/10/2014 BOS
(Dr. Arvind Gupta)

Any Other Item with the Permission of Chair

No item was found

The meeting ended with the vote of thanks to Chair.





**J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY YMCA,
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(Established by Haryana State Legislative Act No.21 of 2009)
(Mechanical Engineering Department)

List of Examiners for UG/PG courses of JCBUST campus and affiliating colleges for session 2023-24:

From JCBUST:

| S. No. | Name of Faculty | Email-id | Mobile No. |
|--------|------------------------|---------------------------------|------------|
| 1 | Dr. Sandeep Grover | groversandeep@jcboseust.ac.in | 9871072555 |
| 2 | Dr. M.L. Aggarwal | mlaggarwal@jcboseust.ac.in | 9810971654 |
| 3 | Dr. Tilak Raj | tilakraj@jcboseust.ac.in | 9818562391 |
| 4 | Dr. Raj Kumar | rajkumar@jcboseust.ac.in | 9818312533 |
| 5 | Dr. Vikram Singh | vikramsingh@jcboseust.ac.in | 9818299224 |
| 6 | Dr. Arvind Gupta | arvindgupta@jcboseust.ac.in | 9953167399 |
| 7 | Dr. Hari Om | hariom@jcboseust.ac.in | 9818219940 |
| 8 | Dr. Vikas Kumar | vikaskumar@jcboseust.ac.in | 9312899357 |
| 9 | Dr. Lakhwinder Singh | lakhwinder@jcboseust.ac.in | 9958300440 |
| 10 | Dr. Sanjeev Kumar | sanjeevkumar@jcboseust.ac.in | 9818187936 |
| 11 | Dr. Vasdev Malhotra | vasdev@jcboseust.ac.in | 9990201765 |
| 12 | Dr. Mukesh Gupta | mukesh@jcboseust.ac.in | 9999766752 |
| 13 | Dr. Sandhya Dixit | sandhyadixit@jcboseust.ac.in | 9899804575 |
| 14 | Dr. Sanjeev Goyal | sanjeev@jcboseust.ac.in | 8700682560 |
| 15 | Dr. Rajeev Saha | rajeevsaha@jcboseust.ac.in | 9911921584 |
| 16 | Dr. Bhaskar Nagar | bhaskarnagar@jcboseust.ac.in | 9990772988 |
| 17 | Dr. Nikhil Dev | nikhildev@jcboseust.ac.in | 9711812394 |
| 18 | Dr. Rajesh Kumar Attri | rajeshattri@jcboseust.ac.in | 7503644151 |
| 19 | Dr. Krishan Kumar | krishankumar@jcboseust.ac.in | 9716792955 |
| 20 | Dr. Mahesh Chand | mchanddce@jcboseust.ac.in | 9999917830 |
| 21 | Dr. Bhupender Singh | bhupender_28@jcboseust.ac.in | 9416702828 |
| 22 | Sh. Surinder Singh | surendersingh@jcboseust.ac.in | 9416992291 |
| 23 | Dr. O.P. Mishra | opmishra@jcboseust.ac.in | 9818602901 |
| 24 | Dr. Sanjay Kumar | sanjaykpec@jcboseust.ac.in | 7838721130 |
| 25 | Dr. Shefali Trivedi | shefalitriivedi@jcboseust.ac.in | 9953907492 |
| 26 | Dr. Nitin Panwar | nitinpanwar@jcboseust.ac.in | 9911267977 |



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 (Mechanical Engineering Department)

From Academics:

| S. No. | Name | Designation and Affiliation | Mobile No. | e-mail ID | Specialization |
|--------|----------------------|---|----------------|----------------------------|--|
| 1 | Dr Naveen Kumar | Professor, Mech Engg, DTU Delhi | 9891963530 | naveen@dce.ac.in | Thermal |
| 2 | Dr B.S. Pabla | Professor, Mech Engg, NITTTR Chandigarh | 9815951921 | bsp@nitttrchd.ac.in | Design & Mfg. |
| 3 | Dr. Mahender Singh | Professor, Mechanical Engg., DCRUST Murthal | 9416692466 | narwalmohi@rediffmail.com | Manufacturing tech. and industrial Engg. |
| 4 | Dr. Gajender Dixit | Professor, Mech. Engg. NIT Bhopal | 9425010155 | dixitgajendra1@gmail.com | Materials/Design |
| 5 | Dr. Indraj Singh | Associate Prof. SLIET, Longowal, Punjab | 9463251477 | indrajsliet@yahoo.co.in | Manufacturing |
| 6 | Dr. A.N. Siddiqui | Professor, Mech Engg. JMI Delhi | 9868718018 | arshadnsiddiqui@yahoo.com | Production And Welding |
| 7 | Dr. Z.A. Khan | Professor, Mech Engg. JMI Delhi | 91-11-26981259 | zakhan@jmi.ac.in | Production Engg. |
| 8 | Dr. R.K. Garg | Professor, Mech Engg. DCRUST Murthal | 9416105066 | romeshkgarg@rediffmail.com | Design |
| 9 | Dr. Mohd Suhaib | Professor, JMI New Delhi | 9868853897 | msuhaib@jmi.ac.in | Manufacturing Robotics |
| 10 | Dr. P.M. Pandey | Professor, IIT New Delhi | 9968955020 | pmpandey@mech.iitd.ac.in | Production |
| 11 | Dr. Ashish Darpe | Associate Prof, IIT New Delhi | 9911112446 | akdarpe@mech.iitd.ac.in | Mechanical Vibration |
| 12 | Dr. Arvind Jayant | Professor, IGDTU New Delhi | 9417666112 | arvindjayant@gmail.com | Industrial Engineering & Manufacturing |
| 13 | Dr. Gulshan Sachdeva | Asst. Prof., NIT, Kurukshetra | 9812533221 | gulshan4you@gmail.com | RAC, Thermal |
| 14 | Dr. Ashish Aggarwal | Associate Professor, IGNOU, New Delhi | 9868225927 | ashish_ka@yahoo.com | Ind. Engg. |
| 15 | Prof. Suresh Verma | DCRUST Murthal | 9416540458 | sureshc30@yahoo.co.in | Design, FEM |



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| | | | | | |
|----|----------------------|---|-------------|----------------------------|-------------------------------------|
| 50 | Dr. M. S. Niranjan | Associate Professor, DTU Delhi | 09711684699 | mahendralitr2002@gmail.com | Production & Industrial Engineering |
| 51 | Sh. Sumit Mehlwal | Assistant Professor, THDC Institute of hydropower engineering and Technology, Tehri, Uttrakhand | 9816005759 | sinchlwali@gmail.com | Production |
| 52 | Dr. Parinam Anuradha | Assistant Professor, UIET, Kurukshetra University, Kurukshetra | 9992333226 | aparinam2015@kuk.ac.in | Thermal |
| 53 | Prof. Jatinder Madan | Professor, Chandigarh College of Engineering and Technology, Panjab University | 9041291970 | jitendermadan@ccet.ac.in | CAD/CAM |
| 54 | Dr. Noor Zaman Khan | Assistant Professor, National Institute of Technology Srinagar | 9891674435 | noor_0315@yahoo.com | Production & Materials |
| 55 | Dr. Kuldeep Lamba | Assistant Professor, Birla Institute of Management Technology, Greater Noida | 9711770028 | kuldeep.qror@gmail.com | Industrial Engineering |
| 56 | Dr. Faisal Talib | Associate Professor, Aligarh Muslim University | 7217355309 | ftalib77@gmail.com | Industrial Engineering |
| 57 | Dr. Pardeep Sharma | Assistant Professor, DCRUST, Sonipat | 9729660266 | psharma.dcrust@gmail.com | Production |
| 58 | Dr. Avadhesh Yadav | Assistant Professor, NIT Kurukshetra | 9896103634 | avadheshyadava@gmail.com | Thermal Engineering |



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| | | | | | |
|----|--------------------------|--|----------------|---|---|
| 59 | Dr. Sehjpal Singh | Professor, GNDEC Ludhiana | | sehjpal.singh@yahoo.in rakeshsliet@yahoo.co.in | Industrial Engineering Manufacturing |
| 60 | Dr. Rakesh Kumar | Asso. Prof. SLIET, Longowal, Punjab | 9417160644 | | |
| 61 | Dr. Praveen Pachauri | Professor, NIET, Noida | 9910076602 | ppachauri@niet.co.in | Production |
| 62 | Dr. Prasenjit Chatterjee | Professor and HOD, MCKV Institute of Engineering, AP | 8017855709 | prasenjit2007@gmail.com | Industrial Engg |
| 63 | Dr. Rahul S More | Assistant Professor, NIFTEM, Sonipat | 91-130-2281271 | rahul.mor@nift.em.ac.in | Production |
| 64 | Dr Sanjeev Sharma | Associate Professor, Mechanical Engg., Amity University Gurugram, Haryana | 9412257300 | ssharma26@ggn.amity.edu | Thermal Engineering |
| 65 | Dr Ashok Kumar Yadav | Associate Professor, Mechanical Engg., RKGIT Ghaziabad | 8285423046 | akymefme@rkgit.edu.in | Production |
| 66 | Dr. Desh Bandhu Singh | Professor, Graphic Era Deemed to be University, Dehradun | 8700069362 | dbsiit76@gmail.com | Thermal Engineering |
| 67 | Dr. Kapil Chopra | Assistant Professor School of Mechanical Engineering, Shri Mata Vaishno Devi University, Katra | 9596887107 | kapil.chopra@smvdu.ac.in | Thermal Engineering |
| 68 | Dr. Vineet V. Tyagi | Assistant Professor School of Energy Management, Shri Mata Vaishno Devi University, Katra | 9596355889 | v.tyagi@smvdu.ac.in | Energy |



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(Mechanical Engineering Department)

| | | | | | |
|----|----------------------|---|-------------------------|----------------------------|--|
| 16 | Dr. O.K. Singh | Associate Professor, IGDTW, Delhi | 9968750299 | oksingh61@rediffmail.com | Thermal |
| 17 | Dr. Ravi Shankar | Professor, DMS, IIT, Delhi | 9811033937 | ravi@dmsttd.ae.in | IE, MANE, SCM |
| 18 | Dr. R. S. Wallia | Professor, Mech. Engg., DTU Delhi | 9717325233 | walliaravinder@yahoo.com | Advance Manufacturing |
| 19 | Dr. Sudhir Kumar | IPEC Ghaziabad | 8860606625 | s_k_tomar02@yahoo.com | Manufacturing |
| 20 | Dr. S.K. Garg | Professor, DTU Delhi | 9871405713 | skgarg@dce.ac.in | Supply Chain Management |
| 21 | Dr. Samsher | Professor, DTU Delhi | 9818683689 | shamsher@dce.ac.in | Thermal |
| 22 | Dr. Vipin Kumar | Professor, DTU Delhi | 011-27871438 | vipin@dce.ac.in | Production Engg. |
| 23 | Dr. Nav Rattan | UTU campus, Dehradun, Uttarakhand | 7015310119, 8475084707 | navrattan265@gmail.com | Hybrid Machining, micro and nano machining and finishing |
| 24 | Dr. R.K. Singh | Professor, MDI Gurgaon | 9968071374 | rajeshi.singh@mdi.ac.in | Industrial Management |
| 25 | Dr. B.B. Arora | Associate Prof, DTU, Delhi | 9891421025 | bbarora@dce.ac.in | Thermal Engg. |
| 26 | Dr. Shweta Tripathi | Associate Professor, IGNOU | 9818949408 | shwetatripathi@ignou.ac.in | Tool Design |
| 27 | Dr. K.D. Gupta | Prof, DCRUST, Murthal | 9896353535 | professorkdg@yahoo.com | Design Engg. |
| 28 | Dr. Hari Singh | Prof, NIT, Kurukshetra | 9416121266 | hsingh_nitk@rediffmail.com | Advanced Mfg. |
| 29 | Dr. S.S. Banwait | Professor, NITTTR Chandigarh | 9814711947 | ssb@nitttrchd.ac.in | Design & Mfg. |
| 30 | Dr. S.S. Dhami | Professor, NITTTR Chandigarh | 0172-2759659 | ssdhami@nitttrchd.ac.in | Design & Mfg. |
| 31 | Dr. Rajesh Sharma | Assoc. Prof., NIT, Hamirpur | | rajesh@nit.ac.in | Design, Manufacturing and Tribology |
| 32 | Dr. Pankaj Khatak | Professor, GJU Hissar | 9416244814 | pankajkhatak@gjust.org | Prod & Mfg. |
| 33 | Dr. Buta Singh Sidhu | Maharaja Ranjit Singh Punjab Technical University, Bathinda | 9501109002, 01822662562 | butasidhu@yahoo.com | Manufacturing/ Industrial Engg. |



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| | | | | | |
|----|-----------------------|--|-------------|---------------------------|-------------------------------------|
| 34 | Dr. Rajesh Kumar | Dyalbag Educational Institute, Agra | 09758015359 | rajeshkr.dme@gmail.com | Thermal |
| 35 | Dr. Gian Bhusan | Assoc. Prof. NIT, Kurukshetra | | aroragian@yahoo.com | Design & Mfg. |
| 36 | Dr. Harmesh Kansal | Assoc. Prof. Punjab University, Chandigarh | 09417270363 | harmeshikansal@gmail.com | Design & Mfg. |
| 37 | Dr. Dixit Garg | Professor, NIT Kurukshetra | 9355211021 | dixitgarg@yahoo.co.in | Manufacturing |
| 38 | Dr. S.K. Saha | Professor, IIT Delhi | 26591135 | hodmech@mec.h.iitd.ac.in | Design |
| 39 | Dr. Anoop Chawla | Professor, IIT Delhi | 26591058 | acchawla@mec.h.iitd.ac.in | CAD/CAM |
| 40 | Dr. PMV Subbarao | Professor, IIT Delhi | 26591142 | pvrao@mech.iitd.ac.in | Production |
| 41 | Dr. K. Tamil Mannan | Associate Professor, IGNOU Delhi | 9910093403 | ktmannan@rediffmail.com | Materials & Design |
| 42 | Dr. Rupinder Singh | Professor, NITTTR Chandigarh | 9872257575 | rupindersingh78@yahoo.com | Production / Industrial Engineering |
| 43 | Dr. Satpal Sharma | GBTU Noida | 9911529173 | satpal78sharma@gmail.com | Manufacturing |
| 44 | Dr. Harwinder Singh | Professor, GNDEC Ludhiana | 9815188044 | harwin75@rediffmail.com | Production/Industrial Engineering |
| 45 | Dr. Amit Kumar Sharma | Assistant Professor, DCRUST Murthal | 8010287801 | amitsharma.me@dcrustm.org | Thermal |
| 46 | Dr. Anish Sachdeva | Professor, NIT Jalandhar | 9501019873 | asachdeva@nitj.ac.in | Industrial Engineering/Production |
| 47 | Dr. P.C. Tewari | Professor, NIT Kurukshetra | 9896434963 | pctewari@gmail.com | Industrial Engineering |
| 48 | Dr. Dinesh Kumar | Professor, IIT Roorkee | 9412379354 | dineshfm@iitr.ernet.in | Industrial Engineering/Production |
| 49 | Dr. Harinder | Assistant Professor, Shiv Nadar University, UP | 8800488751 | harrysinhmar@gmail.com | Thermal |



**J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY YMCA,
FARIDABAD (HARYANA)- 121006**
(Established by Haryana State Legislative Act No.21 of 2009)
(Mechanical Engineering Department)

| | | | | | |
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| 69 | Dr. Rajiv Kumar | Assistant Professor, Shri Mata Vaishno Devi University, Katra, J&K | 8377886330 | rajiv.kumar@smvdu.ac.in | Industrial and Production |
| 70 | Dr. Ravi Pratap Singh | Department of Industrial and Production Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab | 8318084834 | singhrp@nitj.ac.in | Industrial and Production |
| 71 | Dr. Laxmikant Yadav | Assistant Professor Mechanical Engineering Department, NIT Hamirpur | 7000201281 | laxmikant@nitn.ac.in | Thermal |
| 72 | Dr. Rajeev Rathi | Associate Professor, School of Mechanical engineering, Lovely professional University | 9996886672 | rajeev.20514@lpu.co.in | Industrial and Production |
| 73 | Dr. Surinder Singh | Associate Professor, Shri Ram College of Engineering & Management, Palwal | 9871121231 | skumar.srcem@gmail.com | Industrial and Production |
| 74 | Dr. Rajneesh Kumar | Associate Professor, DCRUST Murthal | 9466449618 | rajniesh.solanki@gmail.com | Tribology, Machine Design |
| 75 | Dr. Dinesh Deshwal | Assistant Professor, SGT University Gurugram | 9896214419 | dinesh_set@sgtuniversity.org | Manufacturing & Automation |
| 76 | Dr Ranbir Singh | Assistant Professor, BML University, Dharuhera, Rewari | 9813043366 | ranbir.singh@bmu.edu.in | Manufacturing & Automation |

76

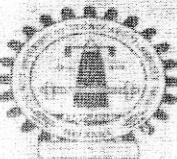


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(Mechanical Engineering Department)

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| 78 | Dr. Prabhakar Kaushik | Professor, UIET, MDU Rohtak | 9896300662 | prabhakarkaushikuiet@mdurohtak.ac.in | Industrial Engineering |

From Industry:

| S. No. | Name | Designation and Organization | Mobile No. | e-mail ID | Specialization |
|--------|-----------------------|--|------------|-------------------------------|----------------------------|
| 1 | Sh. Madhur | Danfoss | 9818598230 | madhur.sehgal@danfoss.com | RAC |
| 2 | Sh. Manjeet Sindhu | Plant Head, Sidwal Refrigerator Ltd., Sector 6, Faridabad | 9910379120 | manjeetsindhu@sindwal.com | Manufacturing |
| 3 | Dr. Chandra Shekharan | IOC Ltd., Faridabad | 9810921260 | kannacnc@indianoil.in | Material and manufacturing |
| 4 | Sh. Ashish Dhiman | Asst. Manager, Maruti Suzuki India Ltd., Palam Road, Gurgaon | 9873188701 | ashishdhiman1901@gmail.com | Manufacturing |
| 5 | Sh. A.K. Nehra | Beiz Instruments (P) Ltd., NIT Faridabad | 9810197068 | aknehra@gmail.com | Manufacturing |
| 6 | Sh. Manish Chugh | GM, Ravi Electrodes Ltd., Sector 4, Faridabad | 9871777334 | ravielectrodes@gmail.com | Manufacturing |
| 7 | Sh. Sanjeet Kumar | Sharp Industries(I) Ltd | 9718650023 | sanjeetrac@gmail.com | Thermal |
| 8 | Sh. Vikas | Yamaha Motor Solutions Limited India | 7011758241 | vikas@yamaha-motor-india.com | Manufacturing & Automation |
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| | | | | | |
|----|-----------------|-------------------------------------|------------|------------------------|-------------------------------|
| 10 | Mr. Anil Bareja | MD, Bareja Solar and Projects | 9654965471 | bareja.a@gmail.co m | Manufacturing & Automation |
|----|-----------------|-------------------------------------|------------|------------------------|-------------------------------|

A
BOS Chairman (ME)
Chairman
Department of Mechanical Engineering
J C Bose University of Sc. and Tech., YMCA.

Note: Further in the addition to above list, any name of examiner may be added and deleted by the
Chairman recommendations depending upon the availability of Examiner.



J.C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)

Approved by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act (Serial No. 22) to confer Degrees.

Accredited 'A+' Grade by NAAC.



BOS/CE&FAE/2023

27/9/2023

Sub: Minutes of 9th meeting of Board of Studies in Civil Engg., Environmental Engg., and Fashion & Apparel Engg.

Minutes of the 9th meeting of Board of Studies in Civil Engg., Environmental Engg., and Fashion & Apparel Engg. held on 26/9/2023 in the conference room of the Civil Engineering department. The following members participated in the meeting:

| S.No | Name | Designation |
|------|--|-----------------------------|
| 1 | Prof. Raj Kumar, JCBUST, YMCA, Faridabad | Dean (FET), Chairman |
| 2 | Dr. Rajni Saggu, JCBUST, YMCA, Faridabad | Incharge, Member |
| 3 | Prof. (Dr.) Sandeep Grover, JCBUST, YMCA, Faridabad | Member |
| 4 | Sh. Ankur Mittal, Group Manager, NCB Faridabad | Member |
| 5 | Dr. Vinod Kumar (For, Ms Kanchan Rawat) | Member (Affiliated College) |
| 6 | Prof. (Dr.) Naved Ahsan, Jamia Millia Islamia | Special Invitee |
| 7 | Dr Vishal Puri, AP, Civil Engg., JCBUST YMCA Faridabad | Member/Coordinator |

At the onset, the Coordinator welcomed the members in the meeting of BOS. Following deliberations were made as per the items of the circulated agenda:

- **Item No. BOS/9/01: To confirm the Minutes of Meeting of the 8th BOS meeting held on 04/8/2022**
BOS confirmed the minutes of the 8th Board of Studies meeting.
- **Item No. BOS/9/02: To consider the Action Taken Report (ATR) on the minutes of the 8th meeting of BOS held on 4.8.2022.**
BOS noted the action taken report (ATR) on the 8th meeting of BOS held on 4.8.2022.

Vishal

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- **Item No. BOS/9/03: To consider and approve the updated B. Tech curriculum**
BOS noted the update of the curriculum which was confirmed in the curriculum workshop and approved the same.
- **Item No. BOS/9/04: To consider and approve the list of examiners of UG/PG Program in Civil Engg and Fashion Apparel Engg. for the session 2023-24 (Annexure-I).**
BOS suggested additional examiners and approved the modified list as attached an Annexure .
- **Item No. BOS/9/05: To consider the procurement status of lab apparatus.**
BOS noted the same and recommended further upgrade of the lab facilities with suitable softwares (Abaqus, Staad Pro) and additional lab equipment. Further, it was suggested to use lab facilities already available in other department/s of the University
- **Item No. BOS/9/06: To consider the recent M.O.U's administered by the Department.**
BOS noted that the B.Tech. students may perform their project work in collaboration with NCB, Faridabd. It was also suggested to involve Industry experts from NCB, Faridabad to teach some relevant topics of the B.Tech. courses.
- **Item No. BOS/9/07: To consider the Seminar/ Industrial Visit Activities conducted.**
BOS noted the same and appreciated the various activities conducted as mentioned in the BOS agenda.
- **Item No. BOS/9/08: To consider the progress of PhD students of the Department.**
BOS noted the same and suggested to use various lab facilities of NCB, Faridabad by PhD students.
- **Item No. BOS/9/09: Any other item with the permission of the Chair.**
Following two additional items were undertaken with the permission of the chair.
 - BOS was apprised that the B.Tech Course in Environmental Engineering is now administered by the Department of Civil Engineering as per Minutes of Meeting of the Academic Council dated 04.11.2022.
 - BOS was apprised of the recent Research Projects awarded to Dr Rajni Saggu by HSCSIT, DST Haryana and Dr. Sandeep Ravish by the JCBUST as a startup research grant. The meeting ended with a vote of thanks to the Chair.


Dr. Vishal Puri
Coordinator/ Member

Dr. Rajni Saggu
In Charge, Civil Engineering



Subject: Minutes of 18th Board of Studies (Post Graduate Studies & Research) meeting held on 18.09.2023

Board of Studies (Post Graduate Studies & Research) 18th meeting of Electronics Engineering department was held in hybrid mode at 11:00 am under the Chairmanship of Prof. Pradeep Kumar.

Following members attended the meeting:

1. Dr. Pradeep Kumar Dimri, Chairperson, Electronics Engg. Deptt., J. C. Bose UST, YMCA, Faridabad
2. Dr. Munish Vashishth, Professor, J. C. Bose UST, YMCA, Faridabad
3. Dr. Neelam Turk, Professor, J. C. Bose UST, YMCA, Faridabad
4. Dr. Shailender Gupta, Associate Prof., J. C. Bose UST, YMCA, Faridabad
5. Dr. Prashant Kumar, Associate Prof., J. C. Bose UST, YMCA, Faridabad
6. Dr. Lalit Rai, Assistant Prof., J. C. Bose UST, YMCA, Faridabad
7. Prof. Dinesh Kumar, Dept. of ECE, DTU, Delhi (Online)
8. Dr. Alok Agarwal, Aravali College of Engineering
9. Mr. Sushil Arya, Technical Solution Managers, Kyndryl Technology (Online)

Following members could not attend the meeting due to their preoccupation:

1. Dean of Institutions, J. C. Bose UST, YMCA, Faridabad
2. Prof. Bhim Singh, Dept. of EE, IIT, Delhi
3. Mr. Pradyuman Lavaniya, Director Cloud Technology, Oracle India
4. Mr. Rajesh Arora, Manager ST Microelectronics
5. Mr. Vasan Gaur, Assistant Professor, BSAITM, Faridabad

The Chairperson Electronics Engineering Department, Dr. Pradeep Kumar Dimri welcomed all the members of Board of Studies (Post Graduate Studies & Research) for meeting. Following items were resolved.

Agenda Item 18.1 : **To consider and approve the minutes of the 17th Meeting of BoS (PG and Research) held on 12.12.2022**

In the meeting, the minutes of last BOS were discussed and approved. Also, the Action taken report for previous BOS is placed before the BOS for information and consideration.

| Sr. No. | Agenda | Action taken |
|------------------|---|--|
| Agenda Item 17.1 | To consider and approve the minutes of the 16 th BoS Meeting (21.03.2022) | Approved |
| Agenda Item 17.2 | To modify the syllabus of Analog and Digital CMOS VLSI Design (MVL201) of M.Tech VLSI, 2 nd Semester | The syllabus revision of all the PG Studies is under process |
| Agenda Item 17.3 | To approve the list of examiners for PG course | Approved |
| Agenda Item 17.4 | To consider and approve the RAC minutes of PhD Scholars. • Mr. Dikshant Sharma (Roll. No. 21001904001 & Regn. No. 19-YMCA-505001) • Ms. Neha Verma (Roll. No. 21001904002 & Regn. No. 13-YMCAU-613) | Approved |
| Agenda Item 17.5 | To consider and approve the list of external examiners of Ph.D. scholar Ms. Sangeeta Dhall (17-YMCA-904010). | Approved |

Agenda Item 18.2 :

To consider and approve the list of external examiners of Ph.D. Scholar Ms. Ritika Thusoo (YMCAUST/PH/ECE/005/2K 17).

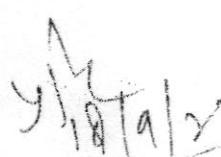
The list of examiners was put in front of BoS members. BoS members approved the list of external examiner.

Agenda Item 18.3 :

To consider and approve the DRC minutes of Ph.D. Scholars : - Amir Mansoori (17-YMCA-90400), Savita Lohat (17-YMCA-904006), Mayank Nehra (17-YMCA-904003), Lalit Kumar (15-YMCAU-657)

BoS members approved the same.

The meeting ended with thanks to all.


Dr. Pradeep Kumar Dimri
 Chairperson (Electronics Engg.)

CC:

1. PA to VC for kind information of Hon'ble VC please
2. PA to Registrar for information of Registrar.
3. Dean, FOET, / Dean Academics Affairs JCBUST, YMCA, Faridabad
4. Controller of Examination, JCBUST, YMCA, Faridabad
5. Controller of Finance, JCBUST, YMCA, Faridabad



DEPARTMENT OF ELECTRICAL ENGG.

No. JCBUST/EL/BOS-13/

Dated: 26-05-2023

Minutes of the 13th meeting of Board of Studies (UG) held on 26-05-2023 at 11.00 Am In the Conference hall of the Electrical Engr. Department J.C. Bose University of Science and Technology YMCA Faridabad

Present

| | |
|---|--|
| 1. Prof. Anju Gupta Chairperson, Electrical Engineering Department J C Bose University of Science and Technology YMCA, Faridabad | : In Chair |
| 2. Prof. Sandeep Grover Dean of Institutions J C Bose University of Science and Technology YMCA, Faridabad | : Member <i>JG 01/6/23</i> |
| 3. Prof. Bhim Singh Electrical Engineering Department Indian Institute of Technology, Delhi | : Outside Member Expert/ (Present online) |
| 4. Prof. Rajneesh Sharma Electrical Engineering Department NSUT, Delhi | : Outside Member Expert/ |
| 5. Sh. Sukhdev Singh Director, Hind Hydraulics & Engineers Faridabad | : Alumni/Member |
| 6. Sh. Shahbaz Ansari Principal Engineer & R&D Team Lead, ABB Faridabad | : Member from Industry |
| 7. Sh. Vinod Sharma Department of Electrical Engineering NGF College of Engineering and Technology Palwal | : Member (Affiliated colleges) |
| 8. Prof. Poonam Singhal Electrical Engineering Department J C Bose University of Science and Technology YMCA, Faridabad | : Member |
| 9. Dr. Yogendra Arya Associate Professor, Electrical Engineering J C Bose University of Science and Technology | : Member |

YMCA, Faridabad

10. Sh. Nitin Goel
Assistant Professor, Electrical Engineering
J C Bose University of Science and Technology
YMCA, Faridabad

: Member-Secretary

At the outset, the chairperson extended a hearty welcome to all the members with special thanks to the outside experts, members from Industry and Alumni for sparing their valuable time and efforts to connect through video-conferencing/ In person to attend the meeting. Thereafter, the agenda items were taken up and after detailed deliberations/ discussion, the following decisions were taken.

EE/BOS/2023/13/01 To confirm the Minutes of 13th meeting of BOS(UG) of Electrical Engineering department

The committee confirmed the minutes of the 13th meeting of BOS(UG) held on May 26, 2023 in the Electrical Engineering department of the University.

EE/BOS/2023/13/02 To consider and approve the Scheme and Syllabus of the Minor Degree / Specialization Programme in Electric Vehicle Technology to be implemented from the session 2023-24

The committee considered and approved the scheme and syllabus with minor modifications for the Minor degree Programme on Electrical Vehicle Technology to be introduced at the Undergraduate level in the department from AY 2023-2024. The minor modifications pertaining to MOOC Course Credits and inclusion of Electric Vehicle Technology based Project were considered and Incorporated in the scheme & syllabus for its approval by the Committee for its timely implementation in AY 2023-2024.

The committee was informed by the member secretary that the commencement of the Minor degree Programme on Electric Vehicle Technology had already been approved in principle in its 26th meeting held on 07-02-2023 vide its Agenda item No. AC/2023/19 strictly as per norms and standards of such Minor degree Programme(s). The committee was further informed that the scheme and syllabus of the Minor Degree Programme under consideration has been finalized for implementation from AY 2023-2024 after incorporating the necessary suggestions/ recommendations of the Industry/Alumni/outside experts through a syllabus revision workshop held on 20-04-2023 in the department.

EE/BOS/2023/13/03 To consider and approve the Revised Scheme

and syllabus, incorporating specific amendments concerning the Course Objectives and Course Outcomes, applicable to all undergraduate (UG) courses in the department

The committee considered and approved the revised Scheme & Syllabus for UG Programme(s) in the departments after incorporating specific amendments pertaining to Course Objectives and Course Outcomes.

EE/BOS/2023/13/04: To approve the list of examiners of B.Tech & M.Tech Programme for Electrical Engineering Department of the University and for affiliating colleges under JC Bose UST, YMCA, Faridabad

The agenda item was deferred by the committee for consideration to its next meeting.

EE/BOS/2023/13/05 Any other item with the permission of Chair

(i). The committee resolved that in order to enhance the core competency of the faculty engaged in Minor degree Programme on Electric Vehicle Technology shall be encouraged to attend niche based FDP/STTPs at Institutions of repute/Industry at regular intervals

(ii). The committee resolved that existing PLC SCADA laboratory Facility shall be strengthened and be utilized for imparting skill oriented training to the UG/PG students in addition to Minor degree Programmes.

The meeting ended with thanks to the chair.

Submitted for approval

Am/30/5/23

Am
29/5/23
Sh. Nitin Goel
(Member-Secretary)

Am/
01/06/23
Chairperson
Department of Electrical Engineering

Am/
03/06/23
Chairperson
Department of Electrical Engineering
J.C. Bose University of Science & Technology, YMCA, Faridabad

J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY YMCA, FARIDABAD

DEPARTMENT OF ELECTRICAL ENGINEERING

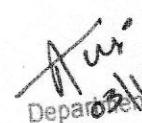
LIST OF EXTERNAL EXAMINER FOR PRACTICAL EXAM AND PAPER SETTING:

(UG & PG)

| Sl. No. | Name | Designation | Address | E-mail Address |
|---------|-------------------------|---------------------|--|---|
| 1. | Dr. Ibraheem | Professor | Jamia Millia Islamia, Delhi | ibraheem@jmi.ac.in |
| 2. | Dr. Manisha | Professor | NSIT, Delhi | maneeshapub@gmail.com |
| 3. | Dr. Sukumar Mishra | Professor | IIT, Delhi | sukumariitdelhi@gmail.com |
| 4. | Dr. Panigrahi | Professor | IIT, Delhi | bkpanigrahi@ee.iitd.ac.in |
| 5. | Dr. Moin Uddin | Professor | Distinguished Prof. School of Engineering & Technology Apeejay Stay University | |
| 6. | Dr. Naimul Hasan | Professor | Jamia Millia Islamia | nhasan@jmi.ac.in |
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| 28 | Dr. Vishal Verma | Professor | DTU, Delhi | vishalverma@dce.ac.in |
| 29 | Prof. Mini Thomas | Professor | Jamia Millia Islamia | mthomas@jmuac.in |
| 30 | Dr. G.L. Pahuja | Professor | NIT, Kurukshetra | Pahuja.gl@gmail.com, gipahuja@nitkkr.ac.in |

| | | | | |
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| 34 | Prof. Bhuneshwari | Professor | IIT Delhi | bhuvan@ee.iitd.ac.in |
| 35 | Prof. S.N Singh | Professor | IIT kanpur | snsingh@iitk.ac.in |
| 36 | Prof. S.C Srivastava | Professor | IIT Kanpur | scs@iitk.ac.in |
| 37 | Prof. K.S Sandhu | Professor | N.I.T Kurukshetra | kjssandhu@rediffmail.com |
| 38 | Dr. Ujjwal Kalla | Professor | GEC, Bikaner | |
| 39 | Dr. Amit Garg | Professor | DCRUST, Murthal | Garg_amit03@yahoo.co.in |
| 40 | Dr. Vijay Katyal | Professor | MMU Mullana | |
| 41 | Dr. Rajneesh Sharma | Associate Professor | NSIT, Delhi | rajneesh401@gmail.com |
| 42 | Dr. M. Veerachary | Professor | IIT Delhi | |
| 43 | Dr. D.K. Palliwalia | Professor | RTU, Kota | |
| 44 | Prof. Sarsing Gao | Professor | NERIST, A.P | sg@nerist.ac.in |
| 45 | Mr. V.K. Aggarwal | Chief Engineer | DHBVNL | |
| 46 | Mr. Ashok Maheshwari | Executive Engineer | HPGCL | |
| 47 | Dr. Rakhi Sharma | Director | IGNOU, Delhi | Rachis ignou@rediffmail.com |
| 48 | Dr. J.S. Saini | Professor | DURUST, Murthal | |
| 49 | Dr. Sanjay Aggarwal | Associate Professor | IGNOU, Delhi | Sanjay.agrawal@ignou.ac.in |
| 50 | Dr. Sanjeev Chauhan | Associate Professor | SLIET, LONGOWAL | |
| 51 | Mr. Bhumesh Bansal | Engineering Manager | General Electric India, Noida | |
| 52 | Dr. S.K. Aggarwal | Assistant Professor | REC, Ambedkar Nagar, UP | |
| 53 | Dr. S.P. Singh | Associate Professor | REC, Ambedkar Nagar, UP | |
| 54 | Dr. Narendra Kumar | Professor | Delhi Technolgical University | Narendra.kumar@dce.edu |
| 55 | Dr. R.A. Gupta | Professor | MNIT Jaipur | ragmnit@gmail.com 9414052862 |
| 56 | Mr. John Kochukutty | Joint General Manager at Larsen & Toubro | L&T, Switch Gear | 9899020306 |
| 57 | Mr. Jagjeet Singh Sodhi | Director | Mahiravali Systems, Faridabad | 9811319497 |
| 58 | Ms. Reena Rai | General Manager | Sports Authority of India Ltd. | reenaraj@AAI.AERO 9871600123 |
| 59 | Mr. Soma Mondal | Director (Commercial) | SAIL | |
| 60 | Mr. Sanjay Agarwal | Sr. Manager | L&T Electrical & Automation New Delhi (Head) | |

| | | | | |
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| 63 | Dr. Sreedhar Madichetty | Associate Professor | EEE Department Mahindra University Ecole Central School of Engineering | sreedhar.madichetty@mechyd.ac.in |
| 64 | G. Malleshan | Professor | Osmania University Hyderabad . | |
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| 69 | Mr. Shahbad Ansari | Design Engineer | ABB Pvt. Ltd. | shahbaz.ansari@in.abb.com |
| 70 | Mr. Naveen Nanda | General Manager | Havells India Ltd. | naveen.nanda@havells.com |
| 71 | Prof. Yashpal | Professor | NIT Kurukshetra | yashpal@nitkkr.ac.in |
| 72 | Mr. Sukhdev Bajaj | XEN | PTPS Panipat | |
| 73 | Prof. Ghansham Singh | Professor | MNIT Jaipur | gsingh.ece@mnit.ac.in |
| 74 | Dr. Ujwal Kumar Kalla | Associate Professor | MANIT Bhopal | ukkalla@gmail.com |
| 75 | Prof. Sathans | Professor | NIT Kurukshetra | sathans@nitkkr.ac.in |
| 76 | Prof. Ashish Shrivastava | Professor | Shri Vishkarma Skill University | ashish.shrivastava@sysu.ac.in |
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| 78 | Prof. Lillie Dewan | Professor | NIT Kurukshetra | dewan@nitkkr.ac.in |
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 Dr. Ashish Shrivastava
 Department of Electrical Engineering
 J.C. Bose University of Science & Technology, YMCA, Faridabad



**J. C. Bose University of Science and Technology,
YMCA, Faridabad**
(formerly YMCA University of Science and Technology)
A State Govt. University established wide State Legislative Act. No. 21 of 2009
SECTOR-6, FARIDABAD, HARYANA-121006
DEPARTMENT OF ELECTRICAL ENGG.



No. JCBUST/EL/BOS-13/

Dated: 17-03-2023

Minutes of the 13th Meeting of the BOS (PG& Research) held on 17-03-2023 at 11:30 AM through Hybrid mode in the Conference hall, Department of Electrical Engineering, J C Bose University of Science and Technology YMCA Faridabad

Present

1. Prof. Anju Gupta
Chairperson, Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : In Chair
2. Prof. Sandeep Grover
Dean of Institutions
J C Bose University of Science and Technology
YMCA, Faridabad : Member
3. Prof. B. K. Panigrahi
Department of Electrical Engineering
Indian Institute of Technology, Delhi : Member
4. Prof. Y. P. Verma
University Institute of Engineering and Technology
Panjab University, Chandigarh : Member
5. Prof. P. R. Sharma
Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : Member
6. Prof. Rajesh Kr. Ahuja
Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : Member
7. Prof. Poonam Singh
Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : Member
8. Sh. R. K. Bhardwaj,
DGM, Hero MotoCorp Ltd, Gurugram : Member
9. Sh. Manu Garg, Alumni
Sub-Divisional Engineer,
Irrigation & water Resources Department, Faridabad : Member
10. Dr. Yogendra Arya, Associate Professor
Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : Member
11. Sh. Nitin Goel, Assistant Professor
Electrical Engineering Department
J C Bose University of Science and Technology
YMCA, Faridabad : Member

1.2 Dr. Shakuntla, Assistant Professor
 Electrical Engineering Department : Member-Secretary
 JC Bose University of Science and Technology
 YMCA, Faridabad

At the outset, the chairperson extended a hearty welcome to all the members with special thanks to the outside experts, members from Industry and Alumni for sparing their valuable time and efforts to connect through video-conferencing/ in person to attend the meeting. Thereafter, the agenda items were taken up and after detailed deliberations/ discussion, the following decisions were taken.

Item No.EL/BOS/13/01: To confirm the minutes of the 12th meeting of the Board of Studies (PG & Research) held on 23rd August'2021 at 11.30 am.

The Board approved the Minutes of 12th meeting of the BOS (PG & Research) held on 23rd August'2021 as placed before the Board for consideration.

Item No.EL/BOS/13/02: To consider and Approve the Minutes of DRC meetings of the department held on 07-02-2022, 08-02-2022, 08-08-2022, 09-08-2022, 14-12-2022, 15-12-2022 and 24-1-2023.

The Board approved the Minutes of DRC meetings held on 07-02-2022, 08-02-2022, 08-08-2022, 09-08-2022, 14-12-2022, 15-12-2022 and 24-1-2023 as placed before the Board for consideration.

Item No.EL/BOS/13/03: To consider and Approve the recommendations of Research Advisory Committee (RAC) pertaining to the Research Scholar Ms. Rupali Sinha (University Roll No. 21001903001).

The Board approved the recommendations of Research Advisory Committee (RAC) related to the Research Scholar Ms. Rupali Sinha (University Roll No. 21001903001) as placed before the Board for consideration.

Item No.EL/BOS/13/04: To consider and Approve the Recommendations of DRC pertaining to Pre-Submission of Research work carried out by the Research Scholar Mr. Abhishek Kumar (University Roll No. 17001903001)

The Board approved the recommendations of DRC related to submit the Ph. D thesis of the Research Scholar Mr. Abhishek Kumar (University Roll No. 17001903001) as placed before the Board for consideration.

Item No.EL/BOS/13/05: To consider and Approve the Recommendations of DRC pertaining to Pre-Submission of Research work carried out by the Research Scholar Ms. Manisha (University Roll No. 17001903002)

The Board approved the recommendations of DRC related to the Research Scholar Ms. Manisha (University Roll No. 17001903002) as placed before the Board for consideration.

Item No.EL/BOS/13/06: To consider and Approve the proposal of Induction of two Months Training during Summer Vacations for PG students in the Department.

The item was withdrawn.

Item No.EL/BOS/13/07: To consider and Approve the list of Examiner(s) for the PG Programme(s) in the department.

The Board approved the proposed list of Examiner(s) for the PG Programme(s) in the department as placed before the Board for consideration.

Item No.EL/BOS/13/08: To consider and Approve the cancellation of Enrollment/Registration of the Research Scholar in the department i.e. Ms. Richa Arora (University Reg. No. YMCAUST/PH11/2016).

The Board approved the cancellation of Registration of the Research Scholar Ms. Richa Arora (University Roll No. YMCAUST/PH11/2016) under the clause-10 (ii) of the Ph.D ordinance.

Item No.EL/BOS/13/09: To consider and grant Post-facto approval of syllabus of Electric & Hybrid Vehicles in Ph.D course

The Board approved post-facto approval of syllabus of Electric and Hybrid Vehicles in Ph.D course.

Item No.EL/BOS/13/10: Other Items

The Members of Board resolved to invite outside experts in DRC/Progress presentations on case to case basis.

The Board observed high-pitch discussions between its two senior members beyond its jurisdictional sanctity that could defer the valuable outcomes of the objectives of its held meeting. It would be appreciated from all such members of the board, in case, such loud discussions beyond the agenda items could be carried away from such meetings schedules to maintain the due harmony.

The meeting ended with thanks to the chair and all the outside members appreciated the continuous efforts of the department towards its growth, strategic plan and commitment for nurturing the futuristic employment opportunities for the UG & PG students of Electrical Engineering students.

The Minutes are being placed for consideration & approval of the Chairperson. Once approved, the same would be forwarded to the members of the BOS for confirmation please.

Shakuntala
21/03/23
Member- Secretary

Forwarded for approval

Aug 21/03/23
Chairperson Chairperson
Department of Electrical Engineering
J.C. Bose University of Science &
Technology, YMCA, Faridabad

Dr. Yogenдра Арга
Asst. Prof. EL, JCBUST, YMCA

Aug 21/03/23
Chairperson
Department of Electrical Engineering
J.C. Bose University of Science &
Technology, YMCA, Faridabad

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