



J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana
(A Haryana State Government University)
(Established by Haryana State Legislative Act No. 21 of 2009 & Recognised by UGC Act 1956 u/s 22 to Confer Degrees)
Accredited 'A+' Grade by NAAC

Department of Computer Engineering

Ref No.

Date: 05-06-2025

Sub: Minutes of Departmental Research Committee (DRC) meeting held on 05.06.2025 at 11:30 A.M. in the Office of Chairperson of the Department of Computer Engineering.

To consider the Bi-Annual Progress Report of Ph.D. Scholars registered during July-2019, Dec-2019, 2020-21, 2022-23 and 2023-24 for the assessment period Oct 2024 to March, 2025.

The DRC committee went through the agenda and approved Bi-Annual Progress Reports of the following Ph.D. Scholars registered in the Computer Engineering department during the years July-2019, Dec 2019, 2020-21, 2022-23 and 2023-24 for the period from Oct, 2024 to March, 2025.

S.no	Name of the Candidate	Registration No.	Research Title	Supervisor(s)	Batch
1	Mansi Mathur	20-YMCA-902007	An Integrated Service Model to Support Secure QoS Routing in Opportunistic Networks	Dr. Jyoti, Dr. Poonam	July 2020
2	Gagan Thukral	20-YMCA-902004	Early Detection of Lung Cancer with Low-Dose CT scan using Machine Learning	Dr. Sapna Gambhir, Dr. Umesh Kumar	July 2020
3	Karuna Kaushik	21-YMCA-902005	Understanding and Implementing Method to	Dr. Rewa, Dr. Amreek	July 2021

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4	Juhi Pruthi	09-YMCAU-1264	Computational Analysis of the Impact of Electromagnetic Radiation on the Ecology of Urban and Rural Areas	Dr. Ashutosh Dixit	July 2021
5	Shikha Arora	21-YMCA-902010	Prediction, Detection and Analysis of Poly Cystic Ovary Syndrome (PCOS) Using Machine Learning	Dr. Vedpal	July 2021
6	Renu Singh	19-YMCA-502015	Development of novel technique to mitigate Blockchain Vulnerabilities	Dr. Ashlesha Gupta, Dr. Poonam Mittal	July 2021
7	Jyoti Chutani	23-YMCA-902001	Intelligent Traffic Management System using Emerging Technologies	Dr. Parul Gupta	Dec 2023
8	Renuka Solanki	10-YMCAU-619	Adaptive Route Prediction and Recommendation System for Efficient Transportation	Dr. Neelam Duhan	Dec 2023

2. To inform the committee about the Scholars who were absent on the date of their bi-annual progress presentation

Following Ph.D. scholars were absent on the date of their Progress presentation for the assessment period Oct, 2024 to March, 2025.

S.No	Name of the Candidate	Registration Number
1	Mamta Mahiya	14-YMCAU-563
2	Sushmita Singh	14-YMCAU-556

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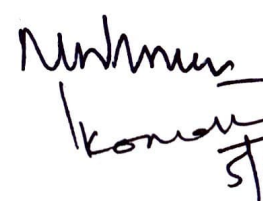

3	Monika Gupta	15-YMCAU-555
4	Jyoti Nanwal	14-YMCAU-579
5	Piyush Gupta	19-YMCA-902009
6	Jyotsana Parmar	14-YMCAU-548
7	Aayushi	19-YMCA-902014
8	Raveena Aggarwal	19-YMCA-902015
9	Sandeep Kumar Vishwakarma	19-YMCA-902022
10	Bijoy	19-YMCA-902017
11	Alka Chaudhary	19-YMCA-902022
12	Vijay Kumar	21-YMCA-902011
13	Yogesh	15-YMCAU-436
14	Archana Das	21-YMCA-902004
15	Piyoush Kumar	21-YMCA-902006
16	Bhawna Wadhwa	20-YMCA-902002
17	Ashima Garg	18-YMCA-507002
18	Tamanna	20-YMCA-902010
19	Disha Garg	19-YMCA-902002

The DRC Committee viewed their absenteeism seriously and recommended that the respective supervisors must warn their scholars to strictly adhere to presentation schedules in the future, otherwise strict action may be initiated as per the Ph.D ordinance.

3. To inform the committee about the Ph.D scholars whose progress presentation was not accepted by DRC/SAC Committee.

Following is the list of the Ph.D Scholars who presented their progress of work for the assessment period Oct, 2024 to March, 2025 before the DRC/SAC. But DRC/SAC found their work unsatisfactory and recommended the scholars to improve their work and appear before DRC/SAC again in the near future.

S.No	Name of the Candidate	Registration Number
1	Shanu Verma	19-YMCA-902011
2	Tamana Sachdeva	15-YMCAU-543
3	Manisha Mudgal	19-YMCA-902019

4	Pushpa Bharti Singh	21-YMCA-902007
5	Anjali Sardana	20-YMCA-902001

4. To consider and approve the name of Supervisor and Co-Supervisor of Ms. Raveena and Mansi Mathur post voluntary retirement of Dr. Jyoti.

Dr. Jyoti, who was earlier serving as the role of Supervisor of both scholars Ms. Raveena (Registration No- 19-YMCA-902015) and Mansi Mathur (Registration No- 20-YMCA-902007), took Voluntary Retirement from the University on 17th February 2025. As per the University Ph.D ordinance, the Supervisor must be a currently serving faculty member of the University.

Dr. Manvi and Dr. Poonam have already been serving as the role of Co-Supervisors for Ms. Raveena Aggarwal and Ms. Mansi Mathur, respectively.

A committee was constituted by the chairperson of the department to consider the above case. Based on the recommendations made by the Committee and subsequent consent of Dr. Jyoti and Co-Supervisors, it is recommended that-

1. Dr. Manvi be appointed as Supervisor of Ms. Raveena Aggarwal.
2. Dr. Poonam be appointed as Supervisor of Ms. Mansi Mathur.
3. Dr. Jyoti be permitted to serve on the role of Co-Supervisor for both scholars.

The DRC approved the above recommendations and suggested that the cases be sent to R&D Section to issue the updated registration letters to the concerned scholars.

5. To consider and approve the Ph.D extension cases of research scholars-

- (i) **Ms. Jyoti Nanwal**
- (ii) **Ms. Aayushi**
- (iii) **Ms. Sushmita Singh**
- (iv) **Ms. Shannu Verma**
- (v) **Ms. Raveena Aggarwal**
- (vi) **Ms. Mamta Mahiya**

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- (i) The requests for one year Ph.D extension submitted by Ms. Sushmita Singh (Registration no. 14-YMCAU-556), Ms. Raveena Aggarwal (Registration No. 19-YMCA-902015) and Ms. Shanu Verma (Registration no. 19-YMCA-902011) were presented to the Committee. The requests for extension of Ms. Sushmita Singh and Ms. Raveena Aggarwal have been made on grounds of their maternity period and of Ms Shanu has been made on the grounds of health-related issues. Considering the compassionate grounds and previous Ph.D progress reports of the scholars, the committee recommends for approval of a one-year extension for Ms. Sushmita Singh and Ms. Raveena Aggarwal in accordance with the provisions of Ph.D ordinance and suggested to forward these cases to R&D for further processing .
- (ii) The requests for one year Ph.D extension submitted by Ms. Jyoti Nanwal (Registration No. 14-YMCAU-579), Ms. Mamta Mahiya (Registration No. 14-YMCAU-563) and Ms. Aayushi (Registration no. 19-YMCA-902014) were presented to the Committee. The requests for extension of Ms. Jyoti Nanwal and Ms. Mamta Mahiya have been made on grounds of their maternity period and of Ms Aayushi has been made on the grounds of her family issues. As these scholars were absent on the day of their previous progress presentations, the DRC Committee recommended to first evaluate the progress of their Ph.D work before considering their case for one year extension.

6. Recommendation of the DRC on the pre Ph.D submission of Ms. Esha Khanna

The recommendations of the Expert Committee for pre Ph.D submission of Ms. Esha Khanna (details provided) were considered by the DRC in its meeting. The DRC endorsed the comments of Expert Committee for pre-Ph.D submission and recommends chairperson to send confidentially the list of examiners for Ms. Esha Khanna to BOS for further approval.

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S. No.	Name	Ph.D Regn No.	Research Title	Date of Pre-submission
1.	Ms. Esha Khanna	19-YMCA-902018	Design of quality enhancement framework for distributed Agile software development	20.05.2025

7. Recommendation of the DRC on the pre Ph.D submission of Ms. Kumari Deepika

The pre-Ph.D. viva-voce of Ms. Kumari Deepika was held on 27th May 2025. The Expert Committee for the pre-Ph.D. submission evaluated the presentation and found the work to be inadequate at this stage. Consequently, the Committee recommended that the work be enhanced and further re-evaluated in the near future.

The meeting ended with thanks to the chair.

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(Dr. Parul Gupta) 05/06/25

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(Dr. Parul Tomar) 09/06/25

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(Dr. Neelam Duhan) 05/06/25

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(Dr. Komal kumar Bhatia) 05/06/2025

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(Dr. Atul Mishra) 05/06/25

(On Leave)
(Dr. Naresh Chauhan)

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(Dr. C. K Nagpal)

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05.06.25
Chairman CE