



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

 **J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD**

# JCBOSEUST

**BULLETIN**  
JAN - JUN 2022

YMCA MOB GOLDEN JUBILEE GATE

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

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### **Renowned Mathematician Prof. Sushil Kumar Tomar joins as Vice Chancellor**



Well known Mathematician Prof. Sushil Kumar Tomar, Professor, Department of Mathematics, Panjab University, Chandigarh, took over the charge as the Vice-Chancellor of J.C. Bose University of Science and Technology, YMCA, Faridabad. He is the seventh Vice-Chancellor of the University. He succeeded Shri Raj Nehru, the founder Vice Chancellor of Shri Vishwakarma Skill University who was officiating as Vice Chancellor of the University since the end of the term of Prof Dinesh Kumar on November 3, 2021.

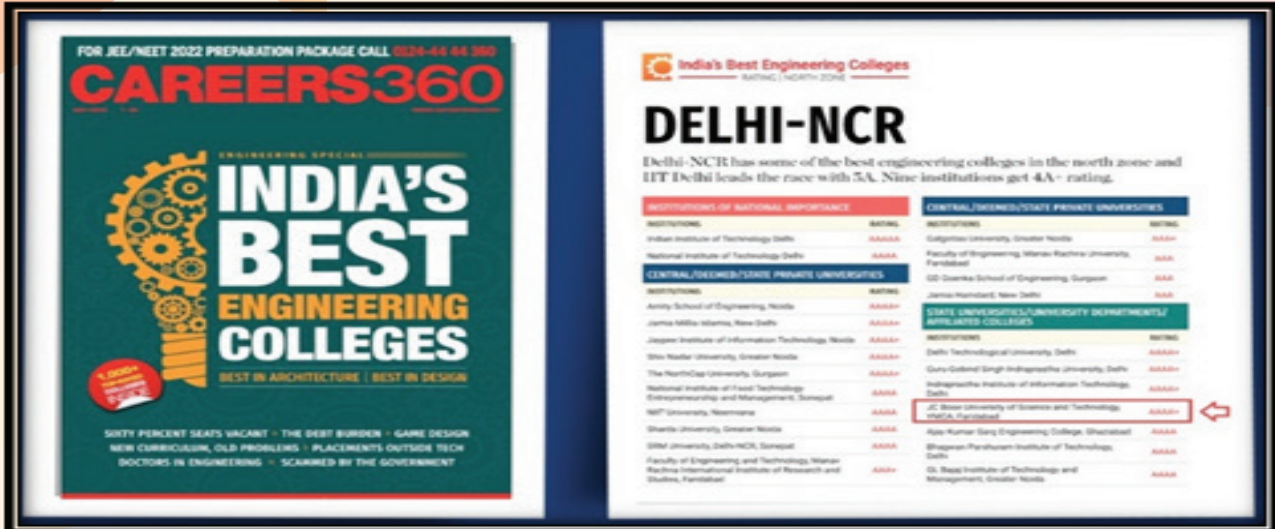
Registrar Dr. Sunil Kumar Garg, faculty and staff members extended warm welcome to Prof. Sushil Kumar Tomar on his arrival to the University. Outgoing Vice-Chancellor Sh. Raj Nehru and Prof. Dinesh Kumar, who recently joined as the Vice-Chancellor of Gurugram University, congratulated Prof. Tomar on his new assignment. Before assuming office, Prof. Tomar paid tribute to the great scientist Jagadish Chandra Bose by garlanding on his statue. Prof. S N Mishra – Retd, Faculty of Life Science, MDU, Prof. Ashish Arora, PTU, Jalandhar and Dr. Jai Bhagwan from Rohtak were also present on this occasion.

Expressing gratitude to the Governor of Haryana and Chancellor, Sh. BandaruDattaretya over the appointment, Prof. Tomar said that implementation of the New Education Policy and giving pace to the ongoing academic and infrastructure development projects will be his priority. Prof. Tomar said that J. C. Bose University has a long legacy of excellence since its inception and it is an honour for him to serve the University as Vice Chancellor. Later, he chaired a formal meeting with all Deans, Chairpersons and senior officials of the University.

The career of Prof. Tomar as an academician and researcher spans over 34 years. He obtained his Master and PhD degrees from Kurukshetra University, Kurukshetra. He worked as the incharge, Department of Applied Mathematics, Guru Jambheshwar University, Hisar in its formative years. He joined Panjab University in 2000. He was the Chairperson of Centre for Advanced Study in Mathematics, PU, from 2012 to 2015. He has also served as Dean Student Welfare and Dean Research and was recently appointed as Dean of University Instructions (DUI) at Panjab University.

## Newsletter

# J. C. Bose University rated among India's Best Engineering Colleges



J. C. Bose University of Science and Technology, YMCA, Faridabad has been rated best engineering institute of Delhi and NCR region by Careers360 Magazine, which is a trusted Career Counseling Magazine that offers guidance on higher education, career planning, and professional choices. The magazine has published the rating in its latest edition based on 'India's Best Engineering Colleges'.

The Magazine has rated the University among best of State Government Universities in Delhi and NCR with 4A+ rating in Engineering Category against the rating scale of 5A. The magazine has rated only nine institutions with 4A+ rating and J. C. Bose University is the only Government University that represents Haryana in the list. Similarly, in the State-wise rating, the University is rated at par with NIT, Kurukshetra in Haryana with highest 4A+ rating. Only four engineering institutions have bagged 4A+ rating.

The Vice Chancellor Prof. S. K. Tomar has congratulated all the stakeholders of the University for recognizing the quality of education in the University at par with the prestigious educational institutions of the country by the magazine. He said that the University has proved itself on various quality parameters including NAAC, NBA and NIRF. Also, it has made significant improvement in the academic facilities, and physical infrastructure. With concerted efforts towards the quality of education, this university will surely become a leading university in the country, he added.

## Republic Day Celebration

The J.C. Bose University of Science and Technology, YMCA, Faridabad celebrated 73rd Republic Day with patriotic fervour and gaiety. The Vice Chancellor of University, Sh. Raj Nehru unfurled the Tri-colour in the University premises. The Republic Day ceremony was kept brief in compliance with the COVID-19 guidelines. . The ceremony was followed by singing of the National Anthem. Earlier, the Vice Chancellor also paid floral tributes at war memorial gallery in the University.



# Teacher's Meet



The Staff Club Committee of J. C. Bose University of Science and Technology, YMCA, Faridabad organized a Teacher's Meet before the Summer Vacations on 31/05/2022. The Vice-Chancellor Sushil Kumar Tomar was the chief guest at the program organized in the Shakuntalam auditorium. Congratulating the members of the Staff Club he said that such a program promotes brotherhood and harmony. He urged the members of the Club to celebrate all National and others cultural festivals with the same fervor. Such a culture in the University will inculcate the same spirit in students, only then the purpose of the Staff Club will be meaningful. Registrar Dr. Sunil Kumar Garg also congratulated the team members of the Staff Club. The presentation of self-written poem by Staff Club Patron Sweety Tomar left everyone stunned. The entire auditorium resonated with applause on the flute playing based on the patriotic song presented by Assistant Professor Dr. Sitaram. Prof Rajesh Ahuja presented an English Poem which was appreciated by all.

## International Women's Day

To honour womanhood and their contribution in the society, J. C. Bose University of Science and Technology, YMCA, Faridabad celebrated the International Women's Day in the University campus and organized various events to mark the occasion. The program was organized by the Internal Complaints Committee of Women's Cell and the office of Dean Student Welfare of the University.

Prof. Renu Chugh, Professor of Mathematics from Maharshi Dayanand University, Rohtak was Chief Guest of the program. The program was presided over by Vice-Chancellor Prof. S. K. Tomar.



## Newsletter

### University introduced B.Sc. in Mathematics and Computing



In order to prepare students for diverse and wide career opportunities in Science and Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad, has been giving special thrust on interdisciplinary courses. Taking a concrete step in this direction, the University has decided to introduce BSc in Mathematics and Computing from the upcoming Academic Session.

A decision to this effect was taken in the meeting of the University Academic Council held recently.

Vice-Chancellor Prof. S.K. Tomar, who is also an eminent Mathematician, has applauded the decision of the Department of Mathematics for starting an interdisciplinary course which is very relevant to the career prospect. He said that the course in Mathematics and Computing has a very bright future. The emerging technologies in Computer Engineering fields like Machine Learning, Artificial Intelligence and Deep Learning require very rigorous Mathematics. The course comprises the study of Computer Science and Mathematics along with various other multidisciplinary subjects like financial engineering, numerical computing and mathematical finance, he added.

Detailing about the course, the Chairperson of Mathematics Department, Dr. Neetu Gupta said that the BSc course in Mathematics and Computing is being started with an intake of 10 seats. The course aims at preparing graduates for employment in application areas that require substantial input from both these two disciplines.

### Engineering Admission opportunity for Foreign Students

J. C. Bose University of Science and Technology, YMCA, Faridabad is now giving admission opportunity in various courses including Engineering, Science and Management under Foreign Student Category. The University will open the admission process under Foreign Students Category for the academic year 2022-23 in the first week of July. Beside the students from foreign countries, the student of Overseas Citizen of India (OCI) Category and children of Indian workers in Gulf countries will have the opportunity to get admission in the seats reserved under the foreign student category.

While giving information in this regard, Director, International Affairs Dr. Shilpa Sethi said that as many as 15 percent seats in Engineering Courses and 5 percent seats in non-engineering courses have been made reserved for foreign students. Apart from this, separate hostel facilities will be provided to the international students.

## Newsletter

### Patent granted for developing a system of 'Interaction Network'



#### - 'Interaction Network' System help in transforming Non Social Network domains to Social Networks

J. C. Bose University of Science and Technology, YMCA, Faridabad, has been granted a Patent for developing a system for creating and analysing an 'Interaction Network'. Through this system, any Non-Social Network domains will act like a Social Media platform for obtaining and analysing information to the users. The Patent idea was generated by a four-member team of the University including three faculty members and one research scholar.

The Vice-Chancellor Prof. S.K. Tomar and Registrar Dr. S.K. Garg congratulated the team on the achievement in the research domain. Prof. Tomar said that the University is committed to promote research activities and has a special focus on applied research. The team members include Atul Srivastava, Dr Anuradha Pillai, Dr Deepika Punj and Prof. Ashutosh Dixit.

The Patent idea presents a framework that collects information from the 'World Wide Web' using the Parameterised Crawler Program and prepares a social network like structure of Web Pages, called Interaction Network.

Detailing about the Patent idea, Dr. Pillai apprised that the structure of social networks is very suitable for behavioural analysis. The techniques for Social Network Analysis (SNA) are already being developed and used which are very effective and useful. But, these techniques cannot be utilized on the domain where the structure of data is not similar to that of a Social Network. The System for 'Interaction Network' will act like a transformer to process data of a domain which is not inherently social network like and represent it like a social network.

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### International Day of Yoga

J.C. Bose University of Science and Technology, YMCA, Faridabad celebrated 8th International Day of Yoga in a befitting manner. About 150 participants performed yoga in the session arranged by the University in the campus following the Common Yoga Protocol issued by the Ministry of AYUSH. The event was jointly organised by the office of Dean Student Welfare and University's Community College of Skill Development.

The session was attended by Vice-Chancellor Prof. S. K. Tomar and Dean Student Welfare Dr. Lakhwinder Singh along with members of Niramayam Yoga Club.



## Newsletter

### ATV developed by students for BAJA SAEINDIA 2022 Event



The students of J. C. Bose University of Science and Technology, YMCA, Faridabad have designed and developed an All-Terrain Vehicle (ATV) for the third phase of BAJA SAEINDIA 2022 event, the 15th edition of the BAJA series organized by SAEINDIA, a professional Society of Automotive Engineers.

The All-Terrain vehicle was unveiled by the Vice-Chancellor Prof. S. K. Tomar in a programme organised in the University. The Vice Chancellor Prof. Tomar congratulated the team members for the successful fabrication of the ATV (All Terrain Vehicle) and lauded the efforts put in by the faculty, students and staff especially the staff associated with the project. The University Team MechNext Racing (TMR), comprising 20 students from different engineering branches, will be participating in the Main BAJA event which will be held at Natrax, Pithampur from April 06, 2022. Team also conducted the successful field testing of the vehicle.

Encouraging the student, the Vice Chancellor said that getting involved with such kinds of projects is a great way to learn real engineering skills. The vehicle is a unique innovation by the students, he added.

### COVID-19 Vaccination Camp

Continuing its ongoing efforts to fight against COVID-19, J. C. Bose University of Science and Technology, YMCA, Faridabad organized a Special Vaccination Camp at University Campus to administer the COVID-19 vaccine to the students, staff members and their dependents on 11/05/2022. During the camp, as many as 143 people were administered the first and second shot of Covid vaccine and its booster dose. So far, the University has already organized six such vaccination camps in the campus.



## Newsletter

### Community College of J. C. Bose University providing excellent placements to students



The Community College of Skill Development of J. C. Bose University of Science and Technology, YMCA, Faridabad has registered excellent placements in the current session. So far 83 students have got employment opportunities in various reputed companies in the placement drive being conducted by the College.

The community college aims to enable employability by providing skill based education and training through diploma or advanced diploma courses to such youth who have dropped out due to any reason or are deprived of employment opportunities due to lack of required skills. The College has proved to be a boon to the rural youth of the region. The youth are not only acquiring job-oriented skills but also getting good placement opportunities.

The Community College of the University has registered a steady growth in placements in the year 2021-22. In the ongoing placement drive, as many as 88 students of various B. Voc. Courses have ensured their placements at various reputed companies which include 28 students in Shigan Group, Manesar, 15 students of WTI Cabs, Delhi, 21 students in New Allenbury Works, Faridabad and 19 students in Hero Group, Munjal Showa, Gurugram. The placement opportunities were complemented by lucrative pay packages and profiles that will not only give experience to the students but will also help them in being independent and gaining financial assistance.

The Vice-Chancellor Prof. S. K. Tomar has congratulated the successful students for their selection and extended best wishes for their future endeavours. He appreciated the initiative taken by the community college to organize placement drives for the students and said that the university is paying special attention to skill development of the youth to ensure employment opportunities to make them self-reliant.

The Principal of CCSD, Dr. Sanjeev Goyal apprised that the College is striving to achieve cent percent placement for all Skill developments programs and continuously aligning industries with these courses and it has a plan to sign a MoU with Hero Group, Gurugram. He informed that the College is dedicated for imparting skill-based education to the youth on the models of National Occupational Standards (NOS). The B.Voc courses offered by the College with multiple entry and exit options, have given flexibility to students to pursue their career with a job. Most of the rural and deprived youth have shaped their career with these courses as various reputed companies are providing 'On Job Training' and Internship opportunities to them. Entrepreneurship orientation facilities provided by the college have also encouraged the students for self-employment as many of them have also started their own businesses.

## Newsletter

### **J. C. Bose University faculties to work on affordable cancer treatment**

Two faculties of J. C. Bose University of Science and Technology, YMCA, Faridabad, have been selected to receive research grant for their research project titled 'Development of Spiropyran Based Metal Complexes as Potent Drug Candidate for Effective Photodynamic and Photothermal Cancer Therapy' under the SERB POWER Grant scheme funded by the Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India.

The project submitted by Dr. Bhawna Uttam and Dr. Amit Rajput as Principal Investigator and Co-Principal Investigator, both Assistant Professors in the Department of Chemistry, has been selected by SERB for a grant of Rs 30 lakh. The proposed project by the University scientists is aimed to develop effective and affordable methodologies to treat cancer patients.

The Vice Chancellor Prof. S. K. Tomar and Registrar Dr. S. K. Garg have congratulated the University scientists on their selection for their research grant. Prof. Tomar said that the grant will definitely boost the research activities in the University and will provide solutions to address major health concerns of mankind.

It may be noted that as per the National Cancer Registry Programme (NCRP) Report 2020, the estimated number of cancer cases in India is around 13.9 lakh and expected to be increased to 15.7 lakh by 2025.

Detailing about the project, Chairperson of Chemistry Department, Dr. Ravi Kumar apprised that under their project, they will work to develop the photo-switchable spiropyran based organic molecules and their metal complexes as they can absorb light in Near Infrared Radiation (NIR) region and can be used for photo-thermal therapy (PTT) due to high cytotoxicity and high membrane permeability. In this work, their focus will be on understanding the exploring the photo-thermal properties of these metal complexes and effect of temperature while irradiating the NIR laser. They will also explore the mechanism of cancer cell death by the photo-switchable based molecules. SERB POWER (Promoting Opportunities for Women in Exploratory Research) program is formulated to mitigate gender disparity in Science and Engineering research funding in various Science and Technology programs in Indian academic institutions and R&D laboratories.

### **NPTI has selected two students as Media Executive**

National Power Training Institute (NPTI), Faridabad, has selected two students of Media Studies of J. C. Bose University of Science and Technology, YMCA, Faridabad as Media Executive.

Both the students namely Ankur Tripathi and Aastha Dutta are studying in BA (Journalism and Mass Communication) under the Department of Communication and Media Technology.



The selection of students have been made on the basis of various round of selection process conducted by NPTI, Faridabad arranged by the Employment and Training Office of the University. The Vice-Chancellor Prof. S. K. Tomar and Registrar Dr. S. K. Garg have congratulated the students on their selection.

## Newsletter

### University's volunteers taken initiative to educate underprivileged children



The NSS volunteers of J.C. Bose University of Science and Technology, YMCA, Faridabad, have taken an initiative to educate underprivileged children. The volunteers have been working on this noble cause from last three years at different places in the city.

The University volunteers have been arranging special classes for such students in collaboration with an NGO – NanhiUdaan, Dream India to Educate India, working towards providing quality education to underprivileged children.

Vice Chancellor Prof. S. K. Tomar has lauded the student volunteers for their efforts to brighten the lives of children who are deprived of education.

The academic activities by NSS volunteers are being conducted under the supervision of Prof. Pradeep Dimri, Director, Youth Affairs in the University and Mr. Shagun Sharma, President of

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### Blood Donation Camp

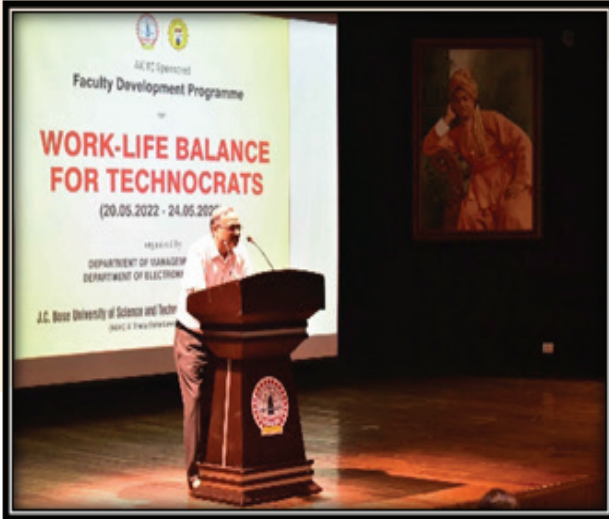
J.C. Bose University of Science and Technology, YMCA, Faridabad in collaboration with Bharat Vikas Parishad (BVP), Faridabad and Red Cross Society has organised a voluntary Blood Donation Camp in the University premises. The blood donation camp received a huge response from students and staff as over 300 participated in the camp.



The camp was started at 10 am which was formally inaugurated by the Vice Chancellor Prof. S. K. Tomar and Deputy Commissioner Faridabad Sh. Jitender Yadav. They motivated the student volunteers who were participating in the Camp.

## Newsletter

### FDP on "Work-Life Balance for Technocrats"



To encourage the concept of Work-Life Balance, J. C. Bose University of Science and Technology, YMCA, Faridabad is organising a five-day Faculty Development Program on "Work-Life Balance for Technocrats" from May 20 to 24, 2022. The program is being organized by the Department of Management Studies in collaboration with the Department of Electronic Engineering and is sponsored by AICTE.

The program was inaugurated by Vice-Chancellor Prof. S. K. Tomar. The program started with the traditional lamp lighting. Registrar Dr. S.K. Garg, Dean of Faculty of Engineering and Technology Prof. M.L. Aggarwal, Dean of Management Studies Prof. Ashutosh Nigam, Chairperson of Management Studies Dr. Rachna Aggarwal and Chairperson of Electronics Engineering Prof. Pardeep Dimri were also present on this occasion.

Addressing the program, the Vice-Chancellor Prof. Tomar illustrated the significance of Work-Life Balance to maintain relations in life. He said that the person with the best performance usually gets more work that is commensurate with his abilities and this ability develops when he learns how to balance his life.

### Expert Lecture on Corporate Communication and Portfolio Building



The Department of Communication and Media Technology of J. C. Bose University of Science and Technology, YMCA, Faridabad, has organized a two-day Master Class Expert Lecture on 'Corporate Communication' by Mr. Ashish Chauhan, Senior Consultant – Deloitte USI and 'How to prepare your Industry Ready Portfolio' by Skill Trainer and Communication Expert Ms.Pooja Gulati for students of media studies.

Addressing the students, Mr. Chauhan gave a detailed insight on Corporate Communication. He said that Corporate Communication is not limited to outside stakeholders but also related to in-house co-workers. A successful Corporate Communication Professional needs to work on his or her skills like writing, media interaction and analysis ability, strategic communication, decision making ability, critical thinking and presentation skills.

He said that in order to improve skills, it is necessary to obtain formal training on the related subject. He gave useful information about the training and courses available on the internet for free. He gave detailed information on topics like Corporate Culture, Brand Identity and Stakeholder Management.

In the second session on 'How to Build an Industry Ready Portfolio', Ms.Pooja Gulati interacted with the students and explained how a portfolio plays an important role in interview and employment.

## Newsletter

### Two-day Science Conclave -2022



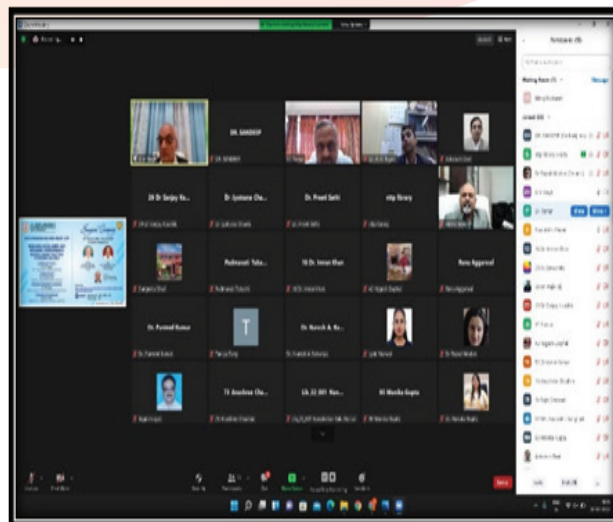
The two-day Science Conclave-2022 was organized by J. C. Bose University of Science and Technology, YMCA, Faridabad on 27th and 28th April 2022. The event was sponsored by Haryana State Council for Science, Innovation and Technology (HSCSIT) to mark the celebration of AzadikaAmritMahotsav.

The exhibition of Science and Technology Projects by the students of various schools and colleges, Media Portfolio Exhibition by the University's media students and expert lectures were the main attraction on the second day of the event.

In the morning session of invited lectures by prominent personalities, National Organising Secretary of VijnanaBharati, New Delhi, Sh. Jayant Sahasrabudhe was key-speaker. The session was presided over by the Vice-Chancellor Prof. S.K. Tomar.

The session was also addressed by National Secretary of VijnanaBharati Sh. Parveen-Ramdas, Director of Aayush Dr. Rakesh Sharma, Senior Journalist and Writer Sh. AtulGangwar and Chief Media Advisor of Isha Creative Vision Sh. Deepak Parvatiyar. Registrar Dr. S.K. Garg was also present on this occasion. The session was convened by Dr. Sonia Bansal.

### Program on Modern Library Practices



Pt. Deen Dayal Upadhyay Central Library of J. C. Bose University of Science and Technology, YMCA, Faridabad has organized a week-long Short Term Training Program (STTP) on "Research Excellence and Academic Development: Modern Library Practices in Present Scenario". The program is being sponsored by AICTE, New Delhi and participants from 12 states across the country are participating in this program.

The program was inaugurated by Dr. Dharm Veer Singh, Librarian, SRM University, Sonapat. The session was presided over by Vice Chancellor Prof. Sushil Kumar Tomar. The program commenced with Lighting the Lamp of Knowledge and Wisdom and Saraswati Vandan followed by a welcome address by Prof. Ashutosh Dixit. Introduction of the program was given by the Program Co-ordinator and Convenor Dr. P. N. Bajpai, Dy. Librarian of the University.

Vice Chancellor, Prof. Sushil Kumar Tomar appreciated the initiative taken by the University Library for organizing the training program on such an important issue of Research Excellence and Academic Development. He emphasized the importance of research and team work for enhancing quality of the research. He also highlighted that the Library is a heart of the University and it plays a vital role in enhancing research and supporting its academic programs.

## Newsletter

### Seminar on the Applications of Mathematics



A one-day seminar on the Applications of Mathematics, sponsored by Haryana State Council for Science Innovation & Technology (HSCSIT), was organized by the Department of Mathematics of J. C. Bose University of Science and Technology, YMCA, Faridabad. Prof. B.S. Rajput, former Vice-Chancellor of Kumaun University was chief guest and keynote speaker in the seminar. The session was presided over by the Vice Chancellor Prof. Sushil Kumar Tomar. The seminar was also addressed by Prof. Sujit Bose, former Professor of Culcutta University and Prof. L.R. Vermani, former Professor of Kurukshetra University.

In his presidential address, Vice-Chancellor Prof. Tomar described the relevance of the topic and highlighted the importance of mathematics and its applications in the modern world. He said that without mathematics and its applications, the growth of engineering cannot be imagined. Maths logic solves many problems in life and every one of us uses mathematical applications in regular life which make our life easy.

Addressing the session, Prof. Rajput detailed the work and achievements of ancient Indian thinkers and philosophers in the fields of Mathematics.

### STTP on "Cloud Computing and IoT"



A week-long Short Term Training Program on "Cloud Computing and IoT" was inaugurated at J. C. Bose University of Science and Technology, YMCA, Faridabad. This programme is aimed to bring eminent speakers who are experts from industry and academicians from reputed institutes, to enrich the participants with the modern trends, in the field in IoT and cloud computing sector. The program is organized by the Electronics Engineering Department and sponsored by AICTE.

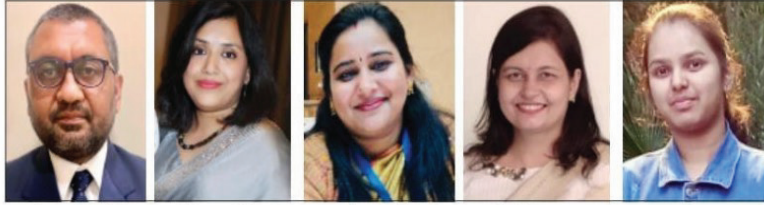
Sh. Gopi Srinivasan, Industry Executive of Microsoft was chief guest in the inaugural session. The session was presided over by Vice Chancellor Shri Raj Nehru. The session commenced with the welcome address by Prof. Pradeep Kumar Dimri, Chairperson of Electronics Engineering Department, followed by address by Prof. Tilak Raj, Dean of Institutions, who briefed about the importance of the topic and introduced the resource persons with the participants.

Speaking on this occasion, Shri Nehru motivated the participants for active participation in the program. He also described the challenges and developments in Cloud computing and IoT. He mentioned the latest applications based on it and described how it has impacted many industries around the world including agriculture, healthcare, energy, transportation and building management.

# News clippings

जे.सी. बोस विश्वविद्यालय की 'वुमन इनोवेटर्स' एआईसीटीई के लीलावती पुरस्कार के लिए चयनित - महिला दिवस पर केन्द्रीय महिला एवं बाल विकास मंत्री करेंगी सम्मानित

AMAR UJALA



प्रो. लखविवंदर सिंह, डॉ. सपना गंधीर, डॉ. पारुल तोमर, डॉ. रश्मि चावला, खुशी गुप्ता

**अधिकार संवाददाता**  
फरीदाबाद, 7 मार्च। जे.सी. बोस विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, वाईएमसीए को वुमन इनोवेटर्स की एक टीम को महिला सर्वाधिकरण पर एआईसीटीई के लीलावती पुरस्कार 2021-22 के लिए चुना गया है। पुरस्कार के उप-विषय वुमन इनोवेटर्स (ग्राामीण/शहरी) श्रेणी में पुरस्कार के लिए चुना गया है। विश्वविद्यालय की टीम को केन्द्रीय महिला एवं बाल विकास मंत्री स्मृति ईरानी द्वारा अंतर्राष्ट्रीय महिला दिवस के उपलक्ष्य में 8 मार्च को एआईसीटीई ऑडिटोरियम, नई दिल्ली में आयोजित होने वाले एक पुरस्कार समारोह में सम्मानित किया जाएगा। इस पुरस्कार में 75,000 रुपये का नकद पुरस्कार जायेगा। विश्वविद्यालय की टीम देशभर की 27 संस्थागत टीम शामिल है, जिन्हें 8 विभिन्न उप-विषयक श्रेणियों के तहत पुरस्कार के लिए चुना गया है। पुरस्कार के लिए चयनित टीम के सदस्यों में प्रो. लखविवंदर सिंह, डॉ. सपना गंधीर, डॉ. पारुल तोमर, डॉ. रश्मि चावला तथा खुशी गुप्ता शामिल हैं। इस उपलब्धि को एस.के. तोमर ने विश्वविद्यालय में महिला संकाय सदस्यों एवं छात्राओं को प्रेरित करने के लिए किये जा रहे प्रयासों को सराहना की। एआईसीटीई लीलावती पुरस्कार इस तथ्य को मान्यता देते हैं कि जे.सी. बोस विश्वविद्यालय महिला सर्वाधिकरण एवं नवाचार के लिए एक बेहतर वातावरण प्रदान कर रहा है। कुलसचिव डॉ. एस.के. गर्ग ने भी इस उपलब्धि पर टीम को बधाई दी है।

## 'गणित बिना इंजीनियरिंग की कल्पना नहीं'

फरीदाबाद। हरियाणा स्टेट काउंसिल फॉर साइंस इनोवेशन एंड टेक्नोलॉजी के सहयोग से जेसी बोस विश्वविद्यालय (विवि) में एक दिवसीय सेमिनार आयोजित किया गया। इसमें गणित के

की गई। वि के पूर्व जपूत मुख्य है। सत्र की पुशील कुमार। उन्होंने कहा नीनियरिंग की कती है। न्ता विवि के त बोस और प्रोफेसर प्रो. बोधित किया। तसचिव डॉ.

## कौशल विकास और उद्यमशीलता पर देना होगा ध्यान : बंडारू दत्तात्रेय



फरीदाबाद : जेसी बोस (वाईएमसीए) यूनिवर्सिटी के कुलाधिपति एवं राज्यपाल बंडारू दत्तात्रेय बृहस्पतिवार को विवि कॉलेज की 30वीं बैच को अध्यक्षता करने पहुंचे। कुलपति प्रो.एसके. तोमर, कुलसचिव डा.एसके गर्ग ने राज्यपाल को पुष्प गुच्छ भेंट कर स्वागत किया। राज्यपाल ने विश्वविद्यालयों से इनोवेशन, इनक्यूबेशन, स्किल डेवलपमेंट और उद्यमशीलता पर विशेष ध्यान देने का आग्रह किया। राज्यपाल ने कहा कि विश्वविद्यालयों को उभरती प्रौद्योगिकी और युवाओं के कौशल विकास पर ध्यान केंद्रित करने को जरूरत है। इंटरनेट आफ थिंग्स (आइओटी), ब्लॉकचेन, आर्टिफिशियल इंटेलिजेंस, क्लाउड कंप्यूटिंग और साइबर सुरक्षा जैसे उभरते क्षेत्र हैं जहां पर खास ध्यान देने की जरूरत है। छात्रों को रोजगार के बजाय उद्यमिता को करियर के रूप में अपनाने के लिए प्रोत्साहित करना चाहिए। उन्होंने विश्वविद्यालयों से अनुसंधान और नवाचार गतिविधियों में अपने बजटीय आवंटन को बढ़ाने का भी सुझाव दिया। उन्होंने विवि को अनुसूचित जाति, अनुसूचित जनजाति और अन्य पिछड़ा वर्ग सहित समाज के कमजोर वर्गों के छात्रों पर एक मूल्यांकन रिपोर्ट प्रस्तुत करने के निर्देश दिए। कुलपति प्रो. एसके तोमर ने शैक्षणिक विकास पर संक्षिप्त प्रगति रिपोर्ट व आगामी योजनाओं की जानकारी दी। बैचक में 2020-21 की वार्षिक रिपोर्ट एवं वार्षिक लेखा तथा वर्ष 2022-23 के बजट अनुमानों को अनुमोदित किया गया। कुलसचिव डा. एसके गर्ग ने अंत में सभी का धन्यवाद किया।

HINDUSTAN

## वायु गुणवत्ता सुधार पर शोध करेगा वाईएमसीए

फरीदाबाद। कार्यालय संवाददाता  
जेसी बोस विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, वाईएमसीए में वायु गुणवत्ता में सुधार को लेकर तकनीकी समाधान के लिए संभावित क्षेत्रों में शोध किया जाएगा। दिल्ली-एनसीआर की परेशानी के समाधान के लिए ये फैसला सोमवार को कुलपति प्रो. सुशील कुमार तोमर की अध्यक्षता में हुई इलेक्ट्रॉनिक्स इंजीनियरिंग विभाग की बैठक में लिया गया। विभाग के अध्यक्ष प्रो. प्रदीप डिमरी व कुलसचिव डॉ. एसके भी बैठक में मौजूद रहे। इस दौरान संबोधित करते हुए कुलपति ने कहा कि संकाय सदस्यों को ऐसी परियोजनाओं पर काम करने के लिए प्रोत्साहित करना जरूरी है जो तकनीकी समाधान के साथ सामाजिक समस्या का समाधान करें। उन्होंने शोधकर्ताओं से ऐसा तकनीकी समाधान प्रदान करने को कहा जो स्थानीय उद्योगों से फैल रहे धुएँ में मौजूद नैनोकणों की मात्रा को माप सके और इसे वातावरण में फैलने से रोक सके। उन्होंने कहा कि दिल्ली एनसीआर में प्रदूषण बहुत बड़ी समस्या बनता जा रहा है इस वजह से हर साल सर्दियों में एनजीटी की ओर से पाबंदियां लगाई जाती हैं। इससे एनसीआर में उद्योगों को सबसे ज्यादा नुकसान झेलना पड़ता है। यहां तक की स्कूल भी बंद कर दिए जाते हैं। इस समस्या का समाधान बेहद जरूरी बन गया है। विभाग के अध्यक्ष प्रो. प्रदीप डिमरी ने कुलपति को आश्वासन दिया कि वे जल्द इस परियोजना पर काम शुरू करेंगे।

## रोजगार छात्रों को मिल रहे रोजगार के बेहतर अवसर प्लेसमेंट अभियान में 83 छात्रों को मिला रोजगार

आज समाज नवर्तक  
फरीदाबाद। जेसी बोस विश्वविद्यालय, वाईएमसीए, फरीदाबाद के कर्मचारी कौशल विकास अभियान में विभिन्न क्षेत्रों में रोजगार के अवसरों को बढ़ावा देने के लिए एक संयोजित अभियान चलाया जा रहा है। इस अभियान में कुल 83 छात्रों को विभिन्न प्रतिष्ठानों में रोजगार के अवसर प्राप्त हुए हैं। इस अभियान में कुल 28 छात्रों, इंफोटेक में 15 छात्रों, न्यू पारोल्स में 10 छात्रों, एनसीआर में 21 छात्रों और ओडी डूयू में 19 छात्रों को रोजगार के अवसर प्राप्त हुए हैं। कुलपति प्रो. एसके तोमर ने इस अभियान के लिए अभिनंदन करते हुए कहा कि रोजगार के अवसरों को बढ़ावा देने के लिए यह अभियान एक महत्वपूर्ण कदम है।



**₹30L GRANT FOR CANCER RESEARCH**  
Faridabad: Two teachers of the JC Bose University of Science and Technology, YMCA, Faridabad, have been selected to receive a research grant of Rs 30 lakh for their research project titled 'Development of spiropyran based metal complexes as potent drug candidate for effective photodynamic and photothermal cancer therapy' under a scheme funded by the Science and Engineering Research Board (SERB), Department of Science and Technology, Government of India. A project submitted by Dr Bhawna Uttam and Dr Amit Rajput as principal investigator and co-principal investigator, both assistant professors in the department of chemistry, has been selected for the special grant, said Vice Chancellor Prof SK Tomar. The proposed project is aimed at developing effective and affordable methodologies to treat cancer patients.

JCBoseUST Bulletin  
All the staff members and students are requested to submit their key achievements and University related news so that it may get published in the subsequent editions of the newsletter.  
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“ As a leader, It is important to not just see your own success, but focus on the success of others. ”

– Sundar Pichai



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

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