

ABOUT JECRC FOUNDATION

A journey of Two decades for JECRC, having more than 4000 students on campus under 7 UG programs, has earned laurels to their students, faculty members and for the institute in many ways. More than 10000 alumni's spread over the globe has climbed the ladder to leadership positions and providing mentorship to their juniors by way of skill development, incubation, startup, research and angel funding. Faith by government agencies for providing grant of more than 2 crores for setting up centre of excellence, state of art facilities for startup & incubation and providing platform to the students to develop their technical and managerial skills that is helping students to get placement in a reputed organization. Contribution towards International publications, technical activities, co-curricular activities by faculty members, students and delivery of Outcome based education is recognized by National Board of Accreditation and AICTE.

Socially rich atmosphere at the campus enabling fourfold grooming of students that is recognized at National and International level and enabling students to work as interns with personalities recognized in their field of expertise. JECRC has become synonymous to placements and JECRCians have made their presence felt at every reputed company / government organization. To improve the quality of teaching learning, the institute on regular basis is getting the appreciations from Government and Non Government Organizations viz., NITTTR Chandigarh, National Board of Accreditation, Rajasthan Technical University, AICTE, ASSOCHAM, Computer Society of India, The Week, Outlook, India Today etc. and two programs Mechanical Engineering and Electronics & Communication Engineering are accredited by the National Board of Accreditation for providing outcome based education.

OPINE- "A PEARL FROM TORCHBEARER"



Mr. Arpit Agrawal
Vice Chairperson

I am extremely privileged to lead the institute which has become an undisputed pioneer in the field of Education and Research; not only in the country but also in the global arena.

**Knowledge gives humility, from humility, one attains character;
From character, one acquires wealth;
from wealth good deeds (righteousness) follow and then happiness .**

We at JECRC continuously strive hard to reach the benchmark through latest teaching tools, world class training modules, exploration of new research avenues to meet with ever changing corporate and education scenario. One such feather added to the crown was the launch of "CAMPUS TALK ".All the students and faculties have perfectly groomed this magazine which clearly depicts confidence, creativity and innovation of our gems. "CAMPUS TALK " is a milestone that marks our growth, unfolds imagination and gives life to our thoughts and aspirations. All Engineering department has done a cherished work that had its roots in the persuasion. This communication will also establish a tread of acquaintance with our alumni who are doing wonders across the world and raising the flag of JECRC higher and higher, for which JECRC owes a lot to them.

Aristotle once said "Educating the mind without educating the heart is no education at all". We Endeavour constantly to instill different qualities in our students. We feel proud that our students are growing into sensitive and responsible citizens of future.I am overwhelmed by the team of hard working staff and learned faculty who have made me proud by creating such a masterpiece in the form of this magazine. I once again congratulate the entire team for their hard work and dedication.

Best wishes and Happy Reading!!!!!!!

OPINE- "A PEARL FROM TORCHBEARER"



Dr. V.K Chandna
Principal

JECRC stands tall on the foundation of its excellent Vision and Mission being continuously achieved by its committed and deeply knowledgeable faculty, innovative and unique pedagogical tools and an eclectic and diverse student community that has a burning desire to make new paths of its own.

There is no longer a single pathway to that end but whatever paths our students choose must be filled with efforts, dedication, relevance & relationships.

"CAMPUS TALK "of JECRC is indeed a great success giving out all the insights of the different, activities in college. This initiative taken by the Department will facilitate the students with necessary information, record keeping as well as increasing student capabilities through active participation.

This magazine is the result of our creative & innovative team of Students & Faculties; it is our belief that engineering should be the experience of a life time. These experiences set the stage for success later in life and provide a lifetime of positive memories for our students. This institution has played a cascading role in the career and personality of innumerable students who have brought laurels to the college, state, and country.

May we continue to give our students strong roots like the Banyan Tree and stronger wings to conquer the world!!

I congratulate the Editorial team for their endless & sincere efforts in bringing out the publication & wish all the readers an enriched journey through the pages of "CAMPUS TALK " .

Happy Reading!

OPINE- “A PEARL FROM TORCHBEARER”



Dr. M.P Singh
(HoD, Mechanical
Engineering Department)

The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. Mechanical Engineering is an essence of today's world. We are committed of providing not only the technical education to our students but also the leadership qualities through which they can create employment to others.



Dr. Sandeep Vyas
(HoD, Electronics and
Communication Engineering
Department)

The greatest asset of the department is its highly motivated and learned faculty. The department not only aims to make our students technically sound and knowledgeable but also to nurture their wisdom and make them a better and responsible human being. The graduates of the Electronics & Communication Stream have been selected by some of the world's leading corporations & as well as by most of the leading Indian counterparts. We hope that we will continue to deliver our best to serve the society and mankind.



Dr. Sanjay Gaur
(HoD, Computer Science Engineering
Department)

The Computer Science & Engineering Program works with proficiency and added strength in a manner which focuses on providing the best opportunities. With the continuous evolution in computer technologies and Intelligence, the department marches hand in hand with this progress, never letting the knowledge offered to students lag behind under any circumstances.

OPINE- “A PEARL FROM TORCHBEARER”



Mr. Krishan Kumar Saini
(HoD, Civil Engineering
Department)

Welcome to the Department of Civil Engineering at JECRC, Jaipur. We started our journey in the year of 2009. Over the last decade, we have grown our expertise and competence in the core Civil Engineering curriculum. The primary focus of our curriculum is to impart technical know-how to students, promote their problem-solving skills and innovation of new technologies. The students are encouraged to undertake various research projects. We impart quality engineering education through sound theoretical knowledge, hands on laboratory as well as computational skill and exposure to recent technologies by visiting industries & expert talk.



Dr. Smita Agrawal
(HoD, Information Technology
Department)

The Department of Information Technology strives hard towards accomplishing the goal of providing innovative and quality education with high standard to help students achieve academic excellence and enable them to fulfill their desired career goals. The Department organizes a number of workshops, seminars, and guest lectures by inviting reputed experts from a specific industry and academia. I congratulate the team of faculty members and students for being motivated enough to strive towards achieving brilliant and putting in original efforts.

OPINE- “A PEARL FROM TORCHBEARER”



Dr Prerak Bhardwaj
(HoD, Electrical Engineering
Department)

Welcome to the Department of Electrical Engineering. The department was established in 2000 and continuously nurtures the young minds by imparting technical education. The vision of the department is to be recognized globally for outcome based knowledge by developing quality engineers having the potential to practice advanced technology for industry and for society. All faculty members and staff are committed to achieve the vision by sharing the knowledge and by conduction of the various programs beyond curriculum to make the students globally competitive by utilizing their potentials in the thrust areas. However, the graduated students of the department worked and held key positions in many nationally and internationally recognized companies.



Dr. Ruchi Mathur
(Dean, First Year)

It gives me immense pleasure to lead the Department of Applied Science (First Year) in Jaipur Engineering College and Research Centre, Jaipur. Over the years, JECRC established itself as a favorite destination for the students of this region. It has huge infrastructure, fully developed Labs, a library with wide range of collections and a large fleet of highly experienced faculty.

With a strong team of senior and experienced faculty together with young, dynamic faculty members, we are committed to excellence in teaching and outcome based learning. Our focus is to produce engineers equipped with modern Engineering tools & techniques and universal human values with strong understanding towards real world and engineering problems.

OPINE- "A PEARL FROM TORCHBEARER"



Dr. Mithlesh Arya
HOD, AI&DS Department

"Quality is never an accident. It is always the result of intelligent effort."

It gives me immense pleasure to lead the department of Artificial Intelligence and Data Science. Our Institute is one of the premier institutions and motto of our Institute is to provide outcome based education to students.

Artificial Intelligence and Data Science is a new program offered by Rajasthan Technical University for B.Tech. students. This is a new and emerging technology which is taking the world by storm. There are some of the basic uses of Artificial Intelligence that we have seen in day to day life like, if we have browse for some product online and if we go to check email all data related to the same product will come in the side of the email. Hence this is the best time to focus on this emerging field. I wish to all Students and Faculty members for a great academic career.

JECRC IQAC



**DR. V.K CHANDNA
(IQAC CHAIR PERSON)**



**DR. M.P SINGH
(IQAC COORDINATOR)**



**DR. FAUZIA SIDDIQUI
(IQAC DY. COORDINATOR)**



**DR. BHUVNESH BHARDWAJ
(MEMBER)**

Internal Quality Assurance Committee is a step towards excellence. JECRC IQAC , organises various programmes for faculty, administrative staff and quality circle members. It conducts open forum to provide interface between students and officials of the college. It conducts staff assessment to provide valuable feedback for quality sustenance and improvement in teaching, learning and research experiences in the college. It documents and reports various activities of the college for various higher education requirements. A continuous follow up has been made on infrastructural resources of the college to assure adequate, appropriate and better facilities to assure conducive and enabling environment for teaching, learning and research. Through all these measures IQAC happens to be one of the important components of the college which ensures quality and continuous improvement in all the units / aspects of the college.

VISION

- To become a renowned centre of outcome based learning and work toward academic, professional, cultural and social enrichment in the lives of individuals and communities.

MISSION

- Focus on evaluation of learning outcome and motivate students to inculcate research aptitude by project based learning.
- Identity based on informed perception of Indian, regional and global needs and the areas of focus and provide platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

PROGRAM OUTCOMES

- Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

COLLOQUIM

The background of the page is white and filled with numerous overlapping circles of various sizes and colors, including yellow, orange, pink, light blue, and green. The circles have a soft, glowing effect. The word "COLLOQUIM" is written in a large, bold, purple serif font, slanted upwards from left to right. The text has a subtle drop shadow, giving it a three-dimensional appearance as if it's floating above the background.

CONFERENCES

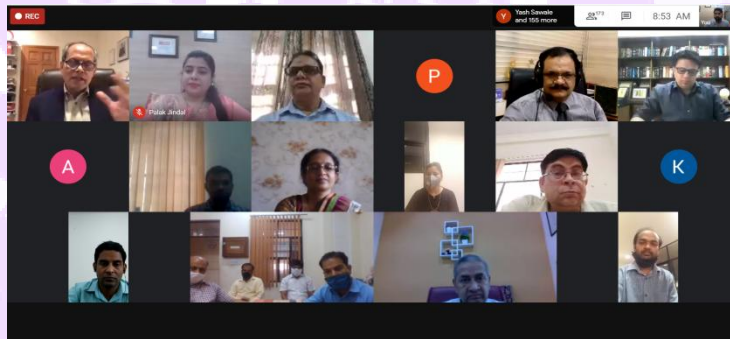
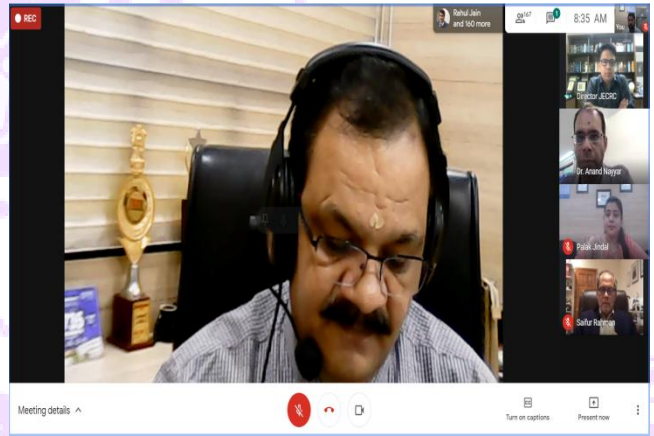
ICRITDME 2020 @ MECHANICAL DEPT. JECRC

The 3rd International Conference on “Recent Innovations & Technological Development in Mechanical Engineering” (ICRITDME-2020). JECRC has proved it again & again over the time “ Knowledge & learning has no boundaries” this year due to the world wide Pandemic “CORONA” we have successfully conducted in online mode by Mechanical Engineering Department, JECRC Jaipur on 27-28 August .

The first day of conference started with Welcoming and Opening Ceremony at the Jaipur Engineering College & Research Centre. Intellectuals, Researchers, Industrialist From different parts of the world were the part of conference Dr. V.K Chandana Principal JECRC addressed dignitaries & participants with short welcoming speeches. After that Mr. Arpit Agarwal (Vice Chairperson JECRC) addressed everyone with his motivating & illuminating words. We then have the opportunity to hear from our Honourable Guests Prof.(Dr.)R.A Gupta Vice chancellor RTU. We were honoured to have few words from our chief guest for the event Prof (Dr) Saifur rehman (Virginia tech research centre Arlington) shared his knowledge & expertise with us & also told us the love he has for JECRC & that he is always excited to be a part of events at JECRC. We then moved towards the address by our chief guest for ICRITDME2020 Mr. Adam Walls (Business architect, program manager London UK) and he was overwhelmed with crowd presence & participation. Sir shared his management knowledge & skill set with all of us. We were glad to have Prof(Dr) Raphael A Guerrero (Dept of physics at Ateneo de manila university) to address us. We had the pleasure of listening to Ms April Staffa our Guest of honor ICRITDME 2020 she is working as an business development manager at ingenia polymers Texas).

We had the pleasure to listen to Prof.(Dr) Anand Nayyar (Researcher & scientist in Da Nang Vietnam) Sir is the Only Professor in Country to have more than 45 International Certifications. The next dignitary we had was Prof (Dr) MN Hooda (Director BVICAM New delhi) he had such deep knowledge of the his field which he combined with humor & poetry.

CAMPUS TALK 2020-2021



**INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIAL
SCIENCE, COMMUNICATION AND MICROELECTRONICS
(ICAMCM-2021)**

**In Association with
Elsevier Materials Today Proceedings
&**

IOP: Materials Science and Engineering

Technically Sponsored by

OSA Student Chapter-JECRC & IETE Rajasthan Centre

Organized By

Jaipur Engineering College and Research Centre

Department of Electronics and Communication Engineering

The conference was inaugurated by Chief Guests Prof. Rajiv Gupta, Head of the department of ECE, Rajasthan Technical University (RTU) Kota, India, and Dr. M.Y.S. Prasad (Padma Shri), Former Director, Satish Dhawan Space Centre Sriharikota, Vice-Chancellor, Vignan University, India. Various experts and Guest of Honours like Dr. Sudhiranjan Tripathy, Senior Scientist III, Electronic Materials, IMRE, A*STAR, Singapore, Prof. Smagul Karazhanov, Senior Scientist, Institute for Energy Technology, Norway, Prof. Vijay Janyani, Professor and head ECE Department, MNIT, Jaipur, India, Dr. Ng Sha Shiong, Professor, institute of nano optoelectronics research & technology, Universiti Sains, Malaysia, Dr. Anand Nayar, Professor and Scientist, Duy Tan University, Da Nang, Vietnam, Prof. Síle Nic Chormaic, Professor, Okinawa Institute of Science and Technology, Japan, Prof. Manish Tiwari, Chair, IEEE, Rajasthan Subsection. Jaipur, India, Dr. Darryl Naidoo, Senior Researcher, Council for Scientific and Industrial Research, South Africa and Dr. Mithilesh Kumar, Professor, ECE Department, RTU, Kota, India have enlightened the participants and faculty members about recent trends of the materials science, communications, and other various technological advances. Prof. Sandeep Vyas, Conference Chair/HOD ECE has given a vote of thanks.



JEERC

JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Jaipur Engineering College and Research Centre
Affiliated to Rajasthan Technical University (RTU), Kota



Department of Electronics and Communication Engineering

(NBA Accredited)

PRESENTS

Inaugural Ceremony

International Conference on Advances in Materials Science, Communication and Microelectronics (ICAMCM-2021)

Date: February 19, 2021
Time: 8:45 AM to 11:30 AM

Eminent Guests

 Prof. R. A. Gupta Vice-Chancellor, Rajasthan Technical University, Kota, India	 Dr. M.Y.S. Prasad (Padma Shri) Former Director, Satish Dhawan Space Centre (ISRO), New Jhansi Road, Vikram Sarabhai Complex, ISRO, Bangalore, India	 Dr. Sudhiraanjan Tripathy Senior Scientist III, Electronic Materials, CSIR, AICTE Lab, Singapore	 Dr. Ng Ngu Miang Prof. NDR, Universiti Sains, Malaysia	 Prof. Silu Niu Chuanjie Professor, Chongqing Institute of Physics and Technology, China
 Prof. (Dr.) M.S. Hooda Director, IIT-Delhi, New Delhi, India	 Prof. Sivaajit Karathanas Senior Scientist, Institute for Energy Technology, Norway	 Prof. Vijay Janyani Professor and Head, ECE Department, NITTE, Jaipur, India	 Dr. Darryl Naldon Senior Researcher, Council for Scientific and Industrial Research, South Africa	 Dr. Anand Ngyyar Professor and Lecturer, Ho Ngh, Vietnam

Organizing Committee

 Mr. G.P. Agrawal Chairman, JEERC Foundation	 Mr. Amit Agrawal Vice Chairman, JEERC Foundation	 Mr. Arpit Agrawal Vice Chairman, JEERC Foundation	 Mr. Dhruv Agrawal Executive Digital Manager, JEERC Foundation	 Prof. V. K. Choudhan Professor, JEERC, International Chair ICAMCM-2021	 Prof. Sandeep Vyas ECE, ECE, JEERC Jaipur International Chair ICAMCM-2021	 Dr. Ashish Kumar Organizing Chair ICAMCM-2021	 Dr. Gauraj Sharma Organizing Chair ICAMCM-2021
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<https://jeercconference.in/icamcm2021/>

<https://www.facebook.com/jeerc.ece/>

zoom meeting link: <https://zoom.us/j/924210657897?pwd=MQgSMkx5dDdTJmMkNDwGx5ZFhMzZ09>

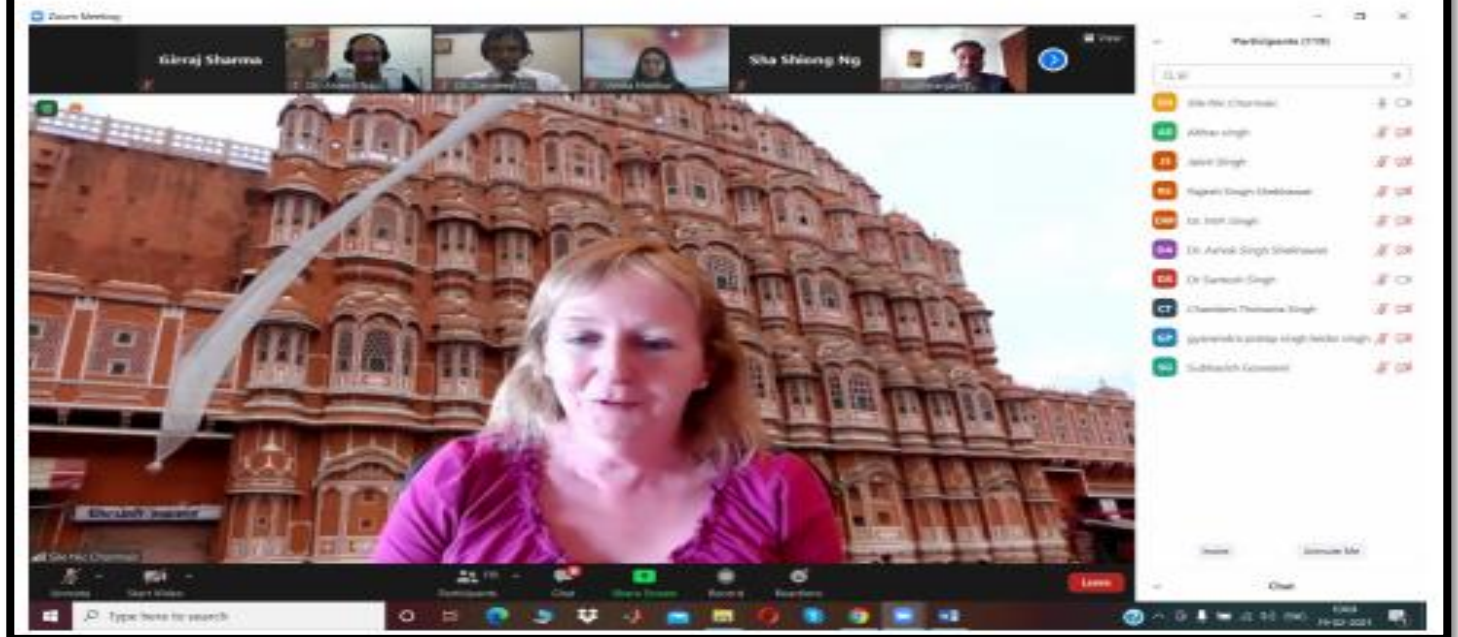
In Association With







Figure 8: Address by Guest of Honor Dr. Ng Sha Shiong, Professor, Institute of nano optoelectronics research & technology, Universiti Sains, Malaysia



NATIONAL CONFERENCE ON EMERGING TRENDS IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING, JECRC, JAIPUR

A National Conference On Emerging Trends In Civil Engineering For Sustainable Development (NCETCESD -2021) was held at department of Civil Engineering, JECRC JAIPUR which was scheduled on 29-30 June 2021 via online mode . The conference was inaugurated by Mr. Krishna Kumar Saini (Assistant Professor & HOD, Department of Civil Engineering, JECRC), all the respected HODs of all departments of JECRC along with their faculties and students were present during the online national conference.

Conference link <https://meet.google.com/oqo-rgfx-xms>

In the inaugural session Mr. Krishna Kumar Saini urged to create awareness among the upcoming student community and researchers by showcasing the potential of innovative trends.

The conference was attended by more than 150 participants and total of 25 technical papers on various topics supported by Advancements and Innovations in Civil Engineering for sustainable development were presented by the authors.



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

**National Conference
on Emerging Trends
in Civil Engineering
for Sustainable
Development**

ISBN 978-8-19-405435-1

DATE: 29-30 JUNE 2021

TIME: 09:30 AM ONWARDS



JAIPUR ENGINEERING
COLLEGE AND
RESEARCH CENTRE

Organized By

**Department of Civil Engineering,
Jaipur Engineering college and
research centre, Jaipur**

**Shri Ram ki Nangal, via Sitapura RIICO
Tonk Road, Jaipur-302 022, Rajasthan
Phone No. 0141-2770120, 2770232**

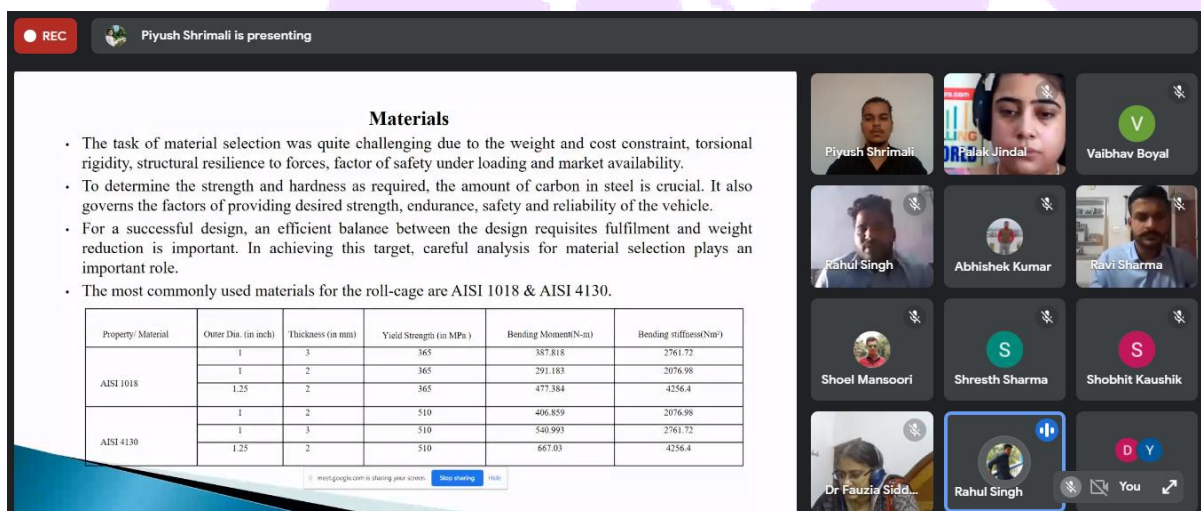
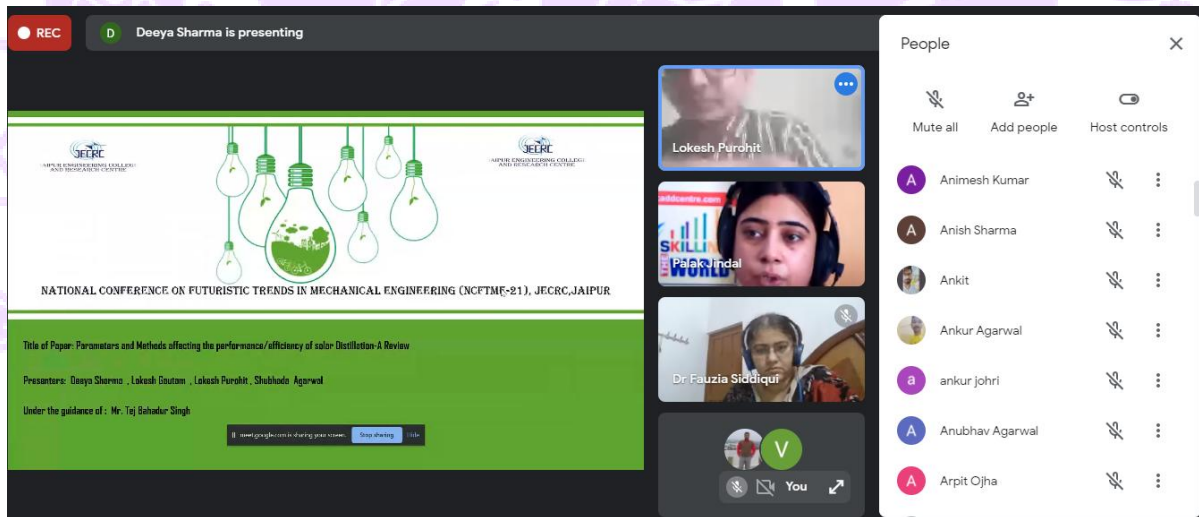
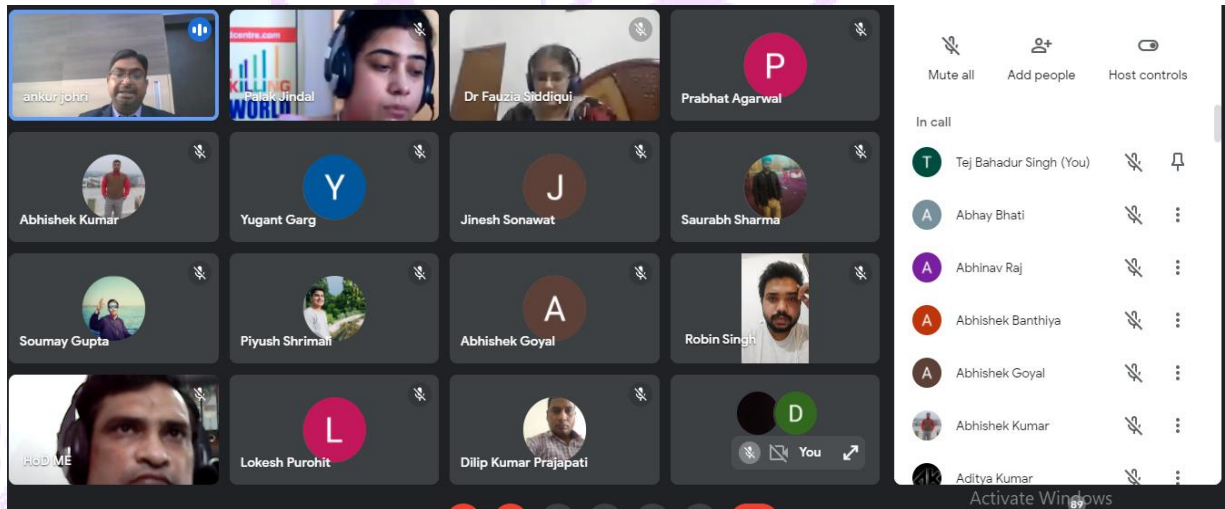
NATIONAL CONFERENCE ON FUTURISTIC TRENDS IN MECHANICAL ENGINEERING NCFTME-2021

The 5th National Conference on “Futuristic Trends in Mechanical Engineering in Mechanical Engineering” (NCFTME-2020) was organized online by Mechanical Department, Jaipur on June 22-23, 2021.

Organizing such technical conference provides a platform where the researchers can expose their ideas of their research concern. They may also be able to listen and get aware of the recent trends in research and education in a particular field of their interest in the education of invited lectures from different subject experts.



Building on the success of previous conferences which were held earlier has become the widest scale, extensive, spectacular event in conference history hosted by Department of Mechanical Engineering JECRC for its high level and the large size of participation. NCFTME 2021 national conference is a forum to bring together students, researchers, scientists and industry professionals to discuss innovative ideas and diverse topics on next generation of information technologies and services. This year due to CoVID-19 pandemic NCFTME-21 was hosted online through Google-Meet platform. This year we received around 50 papers.



FACULTY DEVELOPMENT PROGRAM

RTU (ATU) TEQIP-III SPONSORED FACULTY DEVELOPMENT PROGRAM ON "RECENT TRENDS IN CIRCUITS AND COMMUNICATION"



RU(ATU) TEQIP-III
Sponsored
Faculty Development program
on



**JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE**

Recent Trends in Circuits and Communication

Rajasthan Technical University (RTU) , Kota
&
Department of Electronics and Communication Engineering,
Jaipur Engineering College and Research Centre
(NBA Accredited)

Date: February 19 to February 23, 2021

Patrons

						
<small>Prof. R. A. Gupta Vice-Chancellor, Rajasthan Technical University, Kota, India</small>	<small>Sh. O.P. Agrawal Chairperson JECRC Foundation</small>	<small>Sh. Anil Agrawal Vice Chairperson JECRC Foundation</small>	<small>Sh. Arpit Agrawal Vice Chairperson JECRC Foundation</small>	<small>Sh. Dheman Agrawal Director Digital Strategy, JECRC Foundation</small>	<small>Prof. V. K. Chandra Principal, JECRC Jaipur</small>	<small>Prof. Sandeep Vyas Head of the Department, ECE, JECRC Jaipur</small>

Organizing Committee

			
<small>Prof. Mithlesh Kumar Professor, Department of ECE, RTU, Kota</small>	<small>Dr. M.L. Meena Assistant professor, Department of ECE, RTU, Kota</small>	<small>Ms. Ritambhara Assistant Professor, Dept of ECE, JECRC Foundation</small>	<small>Ms. Yazusha Sharma Assistant Professor, Dept of ECE, JECRC Foundation</small>

Exemplary Experts

						
<small>Raj Senani Ex-Director, NSUT, New Delhi</small>	<small>Dr. S.K Vishvakarma IIT, Indore</small>	<small>Prof. S.K Kaul Professor Emeritus, IIT, Delhi</small>	<small>Prof Sudep Das Gupta Professor, IIT, Roorkee</small>	<small>Dr. Vijay Janyani HoD, ECE, MNIT, Jaipur</small>	<small>Dr. Chandra Prakash Head Satellite Communication Technology Principal, JECRC, Jaipur</small>	<small>Dr. Ghanshyam Singh Professor of ECE, MNIT, Jaipur</small>
						
<small>Dr. Prerna Gaur Director, NSIT, Dwarka, New Delhi, India</small>	<small>Prof. Surinder Singh Professor, SLET</small>	<small>Dr. Rajan Bohara Associate Professor, IIT, Patna</small>	<small>Dr. Maheshkumar H. Kolekar Associate Professor, ECE, IIT Patna</small>	<small>Dr. Prabhat Kumar Associate Professor, NIT, Patna</small>	<small>Dr. Rohit Bhakar Associate Professor MNIT, Jaipur</small>	<small>Dr. Sanjeev Yadav Asst. Professor of ECE, G.WEC, Aimer</small>
						
						<small>Dr. Deepak Sharma Principal Scientist, CSIR, Chandigarh</small>



**for registration,
scan here:**

<https://www.facebook.com/jecrc.ece/>

In Association With



Technical Education Quality Improvement Programme

<https://zoom.us/j/92421065789?pwd=M2g3Mnk5dJlJTjhmMkNDaC5ZFmZz09>

FDP Details :

Duration: 5 Days (19/02/2020 to 23/02/2021)

No. of students attended: 256 More than 60% from out of Rajasthan.

Convener:

Prof. Sandeep Vyas, Head of Department, ECE, JECRC

RTU Coordinators:

Prof. Mithilesh Kumar, Department of ECE, RTU, Kota.

Dr. M.L Meena, Assistant Prof, Department of ECE, RTU, Kota.

Host Institute Coordinators:

Ms. Ritambhara, Assistant Prof, Department of ECE, RTU, Kota.

Ms. Yazusha Sharma, Assistant Prof, Department of ECE, RTU, Kota.

Objective of FDP

The main objective of this five-day faculty development program is to acquaint the participants with the recent technological advancements occurring in areas Circuits and communications. FDP will be helpful for the faculties and researchers working in the areas of wireless technologies, including Communications, Wireless protocols, Antennas, Microwave/ Millimeter-wave circuits, and Sources, Microelectronics, low power circuits.



JECRC में हुआ पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम

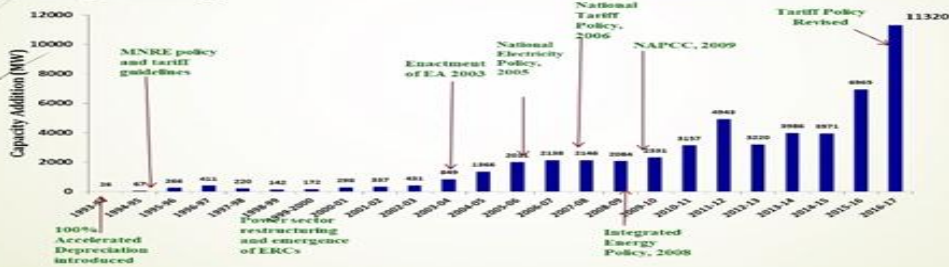
जयपुर, 25 फरवरी (का.सं.)। जयपुर इंजीनियरिंग कॉलेज एवं रिसर्च सेंटर में इलेक्ट्रॉनिक व कम्युनिकेशन इंजीनियरिंग डिपार्टमेंट की ओर से ऑनलाइन प्लेटफॉर्म पर पांच दिवसीय आर. टी. यू. (ए. टी. यू.) TEQ IP- III स्पॉन्सर्ड फैकल्टी डेवलपमेंट का समापन किया गया। इस कार्यक्रम के मुख्य अतिथि आर. टी. यू., कोटा के वाईस चांसलर डॉ आर. ऐ. गुप्ता रहें। इस अवसर पर जेईसीआरसी के भूतपूर्व डेप्युटी जनरल ऑफ पुलिस पी. के.तिवारी ने सभी आगंतुकों का ऑनलाइन प्लेटफॉर्म पर स्वागत किया। इस डेवलपमेंट कार्यक्रम में आईआईटी, एनआईटी, डीटीयू व विभिन्न टेक्निकल शैक्षणिक संस्थानों ने भाग लिया साथ ही फैकल्टी डेवलपमेंट प्रोग्राम में आईआईटी, एनआईटी, इसरो के सराहनीय वक्ताओ, साईंटिस्ट ने रीसेंट टट्रेड्स इन सर्किट व कम्युनिकेशन में अपना ज्ञान सांझा किया। कार्यक्रम का संचालन प्रो. मिथिलेश कुमार, डॉ एम. एल. मीणा, मिस ऋतंभरा, मिस यजुषा ने किया। कार्यक्रम के अंत में डॉ संदीप व्यास, विभागाध्यक्ष, जेईसीआरसी ने धन्यवाद ज्ञापित किया।

पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम

जयपुर। जयपुर इंजीनियरिंग कॉलेज एवं रिसर्च सेंटर में इलेक्ट्रॉनिक व कम्युनिकेशन इंजीनियरिंग डिपार्टमेंट की ओर से ऑनलाइन प्लेटफॉर्म पर पांच दिवसीय आरटीयू TEQ IP- III स्पॉन्सर्ड फैकल्टी डेवलपमेंट का समापन किया गया। कार्यक्रम के मुख्य अतिथि आरटीयू, कोटा के वाईस चांसलर डॉ आर. ऐ. गुप्ता रहें। जेईसीआरसी के भूतपूर्व डेप्युटी जनरल ऑफ पुलिस पी. के.तिवारी ने सभी का ऑनलाइन प्लेटफॉर्म पर स्वागत किया। कार्यक्रम में आईआईटी, एनआईटी, डीटीयू व विभिन्न टेक्निकल शैक्षणिक संस्थानों ने भाग लिया। फैकल्टी डेवलपमेंट प्रोग्राम में आईआईटी, एनआईटी, इसरो के सराहनीय वक्ताओ, साईंटिस्ट ने रीसेंट टट्रेड्स इन सर्किट व कम्युनिकेशन में अपना ज्ञान सांझा किया। संचालन प्रो. मिथिलेश कुमार, डॉ एम. एल. मीणा, मिस ऋतंभरा, मिस यजुषा ने किया।

Role of Policy and Regulation in Renewables Growth

Renewable Energy development in India has been aided by strong policy and regulatory backing



NITTTR MENTOR TRAINING PROGRAMME

“In learning, you will teach and in teaching, you will learn.”

Every person is a student for life and so are the teachers that shape the bright careers of their students.

Keeping the same in mind, National Initiative for Technical Teacher Training (NITTT) conducted a week of NITTTR Mentor Training Programme during July 26 - 30, 2021 for all the teachers of technical institutes across the country.

NITTT aims to transform the technical institutions of our country into large, well resources, vibrant multidisciplinary institutions providing high-quality teaching, research, and community engagement.

The workshop was conducted keeping in mind all that the National Education Policy 2020 has to offer and special emphasis was laid on the following:

Faculty will have the capacity and training to be able to approach students not just as teachers, but also as mentors and guides

A national mission for mentoring shall be established with a large pool of outstanding senior/retired faculty, who would be willing to provide short and long-term mentoring/professional support to university / college teachers.

Use and integration of technology to improve multiple aspects of education.

The candidates who completed the program, and were placed in the Associate Professor or Professor Cadre / AGP 9000 or Level 13, were nominated as a mentor by the AICTE- NITTT committee.

The orientation program was very much successful in redefining the educational ecosystem.



FDP ON STRESS & ANGER MANAGEMENT ORGANIZED BY RTU & JECRC JAIPUR

Spiritual Research Cell, JECRC is organised the most awaited FDP on Stress and Anger Management.

The eminent personalities are known worldwide for their valuable contribution in transforming the lives of millions of people through their words of wisdom.

The inaugural session of the Faculty Development Programme on 'Stress and Anger Management' was conducted in the presence of esteemed guests such as Professor R. A. Gupta, Vice Chairman, RTU Kota, Professor VK Chand, Principal, JECRC, Shri Arpit Agarwal, Director, JECRC Foundation, Mr Mukesh Agarwal, Incharge Spiritual Research Cell, JECRC. Our chief guest Sandesh Nayak who is a director in College Education Department, Government of Rajasthan shared his views upon the topic stress and anger Management.

Second session on 'How to Become Positive Personality' by EV Girish sir in which everyone enjoyed the various activities and learned how to become positive by learning how to think positive.

Dr. Avdesh Sharma gave an informative session on 'Mind Management' in which he told everyone about the optimal stress level and it's importance.

The second day of the FDP on 'Stress and Anger Management' ran around the checkpoints which helped participants to become internally positive.

First session by Respected Rajyogi BK Suraj placed the power of sub-conscious mind in front of participants. His session helped them to become their own friend by making their mind their best friend. He also shared the power of positive affirmations and the positive effect one can create through them.



CAMPUS TALK 2020-2021



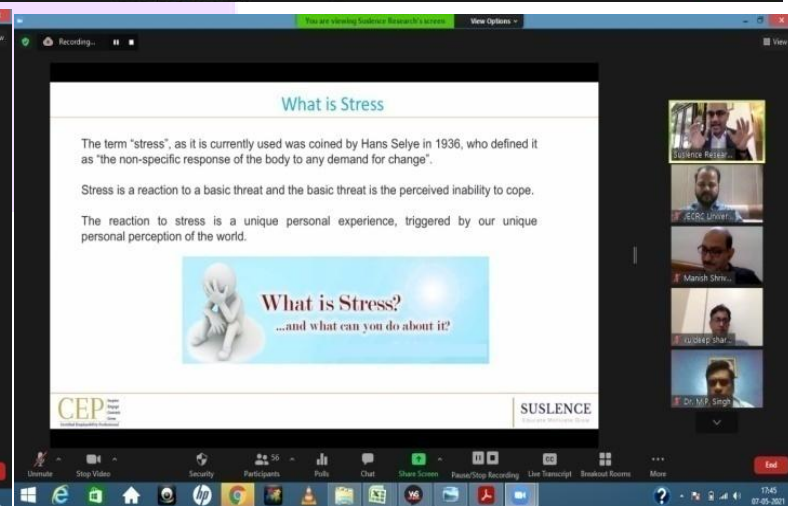
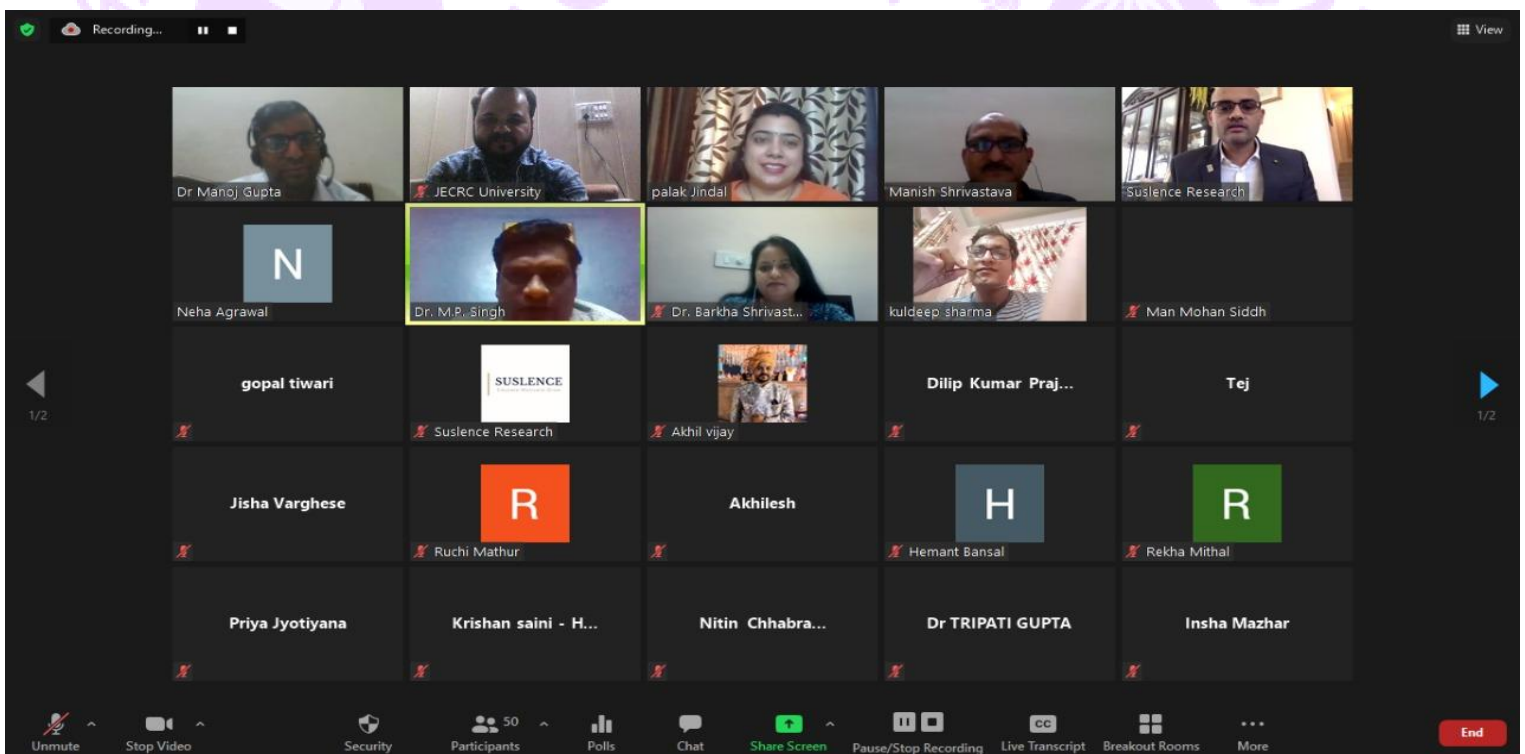
FDP ON “HOW TO REFORM & RETOOL DURING PANDEMIC” BY MR. TAUSEEF ZIASIDIQUI (SUSLENCE RESEARCH ,QATAR)

“What lies behind us and what lies before us are tiny matters compared to what lies within us”

An FDP on “HOW TO REFORM & RETOOL DURING PANDEMIC” was organized by Mechanical Department. It was focused on stress management & to address the reason behind stress specially during the pandemic.

Speaker Mr. Tauseef discussed about different reasons behind stress & how to deal with it.

It was very much interesting & interactive session with active participation by all the faculty members.



FDP FOR FACULTIES BY DEPT OF ELECTRICAL ENGINEERING OF JECRC

On 29th, July 2020. Department of Electrical Engineering JECRC, Jaipur organized FDP for faculties of JECRC. The program started with our National Anthem followed by an enthusiastic speech by the Head of Electrical Engineering Department Mr. Prerak Bhardwaj. He enlightened the students through his words with a formal description of the event. Mr. Avik Dutta Country Director DigitalEd India was the key note speaker for event.

The Key information of FDP was as follow: Presentation by Avik Dutta on:

A Note on online “Digital Education online
Digital Education” Forgetting Curve

Essential 4E’s of Education in online teaching- Modularized Learning component.

5 - Prerequisite components for online education.

A glimpse of our company – Digital Ed.

Technical Demonstrations and familiarization of the tool and the platform with its functionality through a few basic technical topics and Math topics by Mr. Ujjwal Kandhari.

The program was ended by a vote of thanks by Mr. Atul Kulshrestha, Dy. HOD, Electrical Engineering.

FDP ON "QUANTUM COMPUTING"

Department of Information Technology has organized five-day RTU sponsored FDP on "Quantum Computing" from 2-6 March, 2021.



TEQIP - III RTU(ATU)
Sponsored
Faculty Development Program on
QUANTUM COMPUTING
Rajasthan Technical University (RTU) ,Kota
&
Department of Information Technology,
Jaipur Engineering College and Research Centre
Date : 2nd March to 6th March ,2021



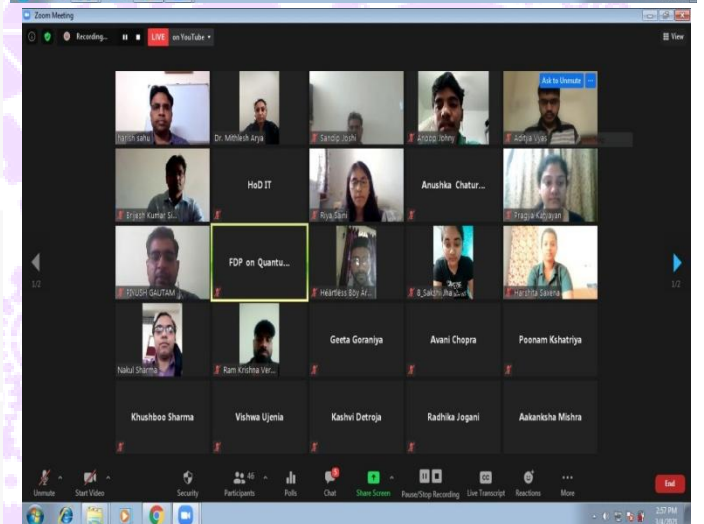
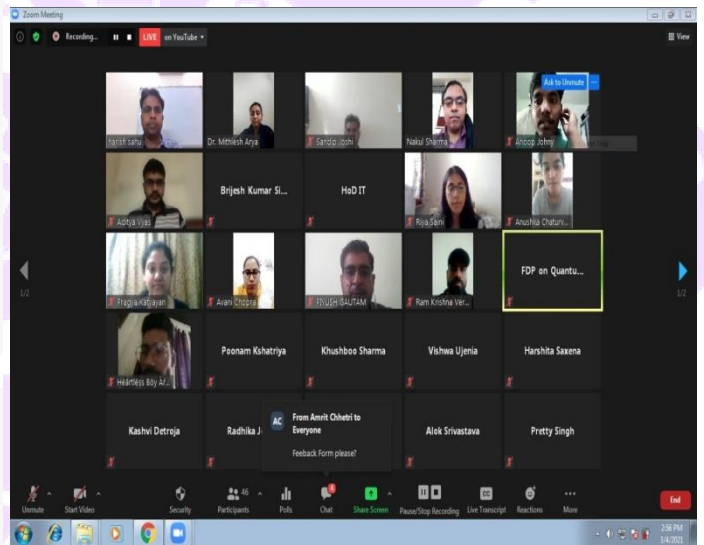
JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Patrons		 Prof. R.A. Gupta Vice-Chancellor, Rajasthan Technical University, Kota	Exemplary Experts	
 Sh.O.P. Agarwal Chairperson IECRC Foundation	 Sh.Amit Agarwal Vice-Chairperson IECRC Foundation	 Dr. Manish K Gupta Professor DA-IICT, Gujarat	 Dr. Harish Sahu Scientist DRDO Delhi	
 Sh. Arpit Agarwal Vice-Chairperson IECRC Foundation	 Sh. Dheemant Agarwal Director Digital Strategy IECRC Foundation	 Mr. Rakesh Singh Sr. Developer HERE Technologies, Mumbai	 Dr. Jaideep Mulherkar Associate Professor DA-IICT, Gujarat	
 Prof. V.K. Chandna Principal IECRC Jaipur		 Dr. Harish Sharma FDP Coordinator RTU Kota	 Dr. Smita Agarwal FDP Coordinator JEEPC	

Organizing Committee

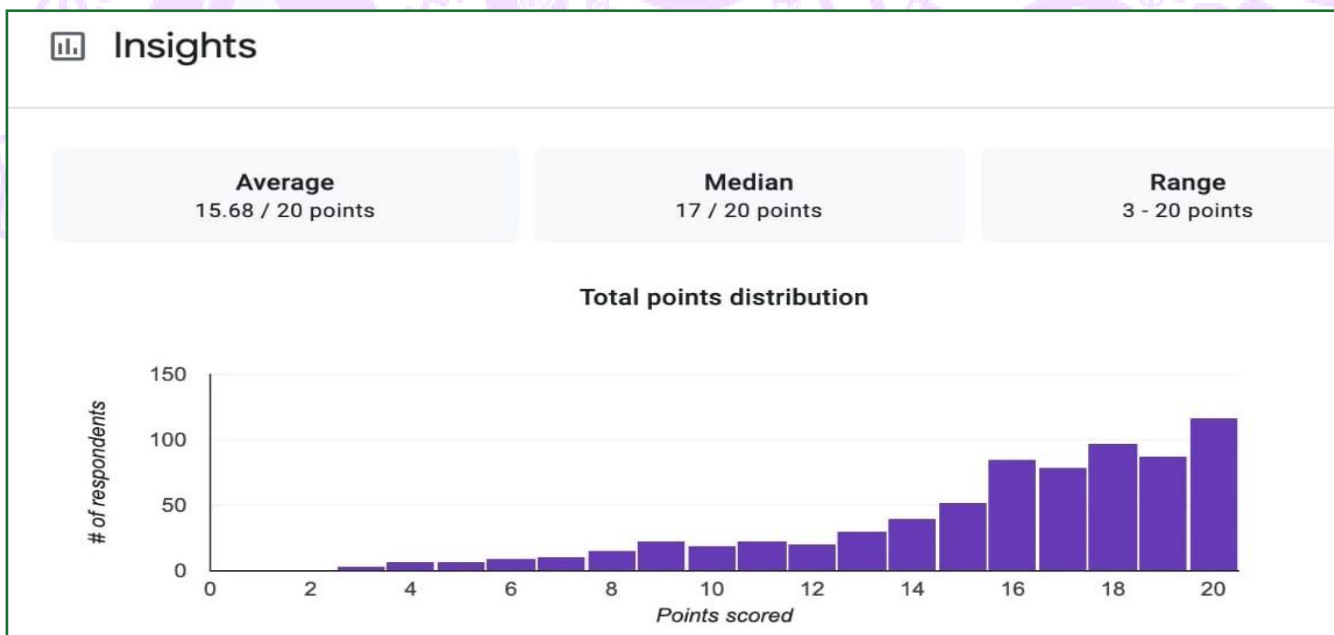
**For registration,
kindly fill this form :**
<https://forms.gle/Y1ZJjoQNpwmNWBQx5>

In association with
TEQIP-3
Technical Education Quality Improvement Program



NATIONAL LEVEL ONLINE QUIZ ON “BASICS OF PYTHON PROGRAMMING”

The Department of Computer Science and Engineering of Jaipur Engineering College and Research Centre Jaipur, organized a National Level online Quiz on "Basics of Python Programming" from 16-5-2021 to 17 -5-2021. There were 20 multiple choice type questions. On successful completion, participants who scored more than 50% got an E-Certificate. Dr Nilam Choudhary and Ms Uma Maheswari were coordinate the Quiz. It was conducted by Google form and got 980 responses from all over India. out of the 654 candidates cleared the score and got the certificates. participants from all over India.

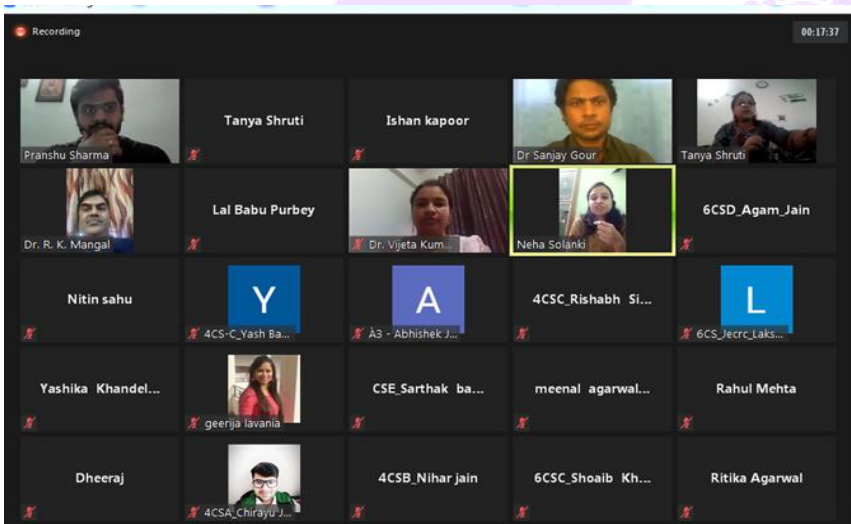


WORKSHOPS

WORKSHOP ON THE TOPIC “ANGULAR” BY DEPT OF COMPUTER SCIENCE

The department of Computer Science & Engineering, JECRC aims at developing the technical skills among students. To accomplish this department has planned a series of activities in the Lockdown period of April- June . In this line a workshop was organized on the topic “Angular” on 22th May 2021. The expert was Mr. Lal Babu Purbey, Senior Software Developer, SYNORIQ PVT. LTD. He handled Various Government Projects. He is a good researcher and published various papers. His Research area is Image Processing, Artificial intelligence, Big Data. The event started with the introduction of JECRC, Department of CSE, JECRC and speaker by Ms. Tanya Shruti and Ms. Neha Solanki, Asst. Prof & coordinator of the event. She talked about the relevance of the topic & legacies of JECRC. The expert covered various aspects about angular like what is angular, why use it? He discussed different features of Angular. A hand on practice was done by students and learns how to develop project by using Angular.

The interested students of II, III year attended the workshop and made the session interactive through asking various queries related to Angular based projects & best practices. The event ended with a Vote of Thanks by Dr. Sanjay gaur, Head, CSE, JECRC. He talked about how the session was relevant to the students of all branches and showed his gratitude towards the speaker



ESTEEMED SPEAKER
Mr. Lalbabu Purbey
Software engineer, Synoriq PVT. Ltd

WORKSHOP ON THE TOPIC “SALESFORCE CRM” BY DEPT OF COMPUTER SCIENCE

The session starts at 02:00 PM by welcoming guests. Mr. Hitesh Maharwal (Senior Salesforce Consultant Wipro Ltd.) starts the session by introducing the students about the Salesforce CRM. The experts tell the students about the How does Salesforce CRM work. Mr. Hitesh Maharwal explains “A CRM system helps companies stay connected to customers, streamline processes, and improve profitability,” according to Salesforce. On a basic level, CRM helps companies understand customer needs and data and facilitates deeper customer development and retention.

The screenshot shows a Zoom meeting interface. At the top, it says "Zoom Meeting" and "You are viewing Hitesh Maharwal's screen". The main content is a presentation slide titled "What is Force.com Platform?". The slide contains the following text:

What is Force.com Platform?

[Force.com](https://www.salesforce.com) is a platform for creating applications in the cloud with absolutely no software or hardware investment required.

The apps thus created are data-centric and collaborative. In fact, the data is never lost here, because there are auto back-ups.

The slide also features a colorful graphic of various icons (wrench, lightning bolt, briefcase, lightbulb, etc.) arranged in a cluster. On the right side of the Zoom window, there are two video thumbnails: the top one shows Hitesh Maharwal and the bottom one shows Adish Arora. The Zoom control bar at the bottom includes options like "Unmute", "Start Video", "Participants", "Chat", "Share Screen", "Record", and "Reactions". The system tray at the very bottom shows the Windows search bar and the taskbar with various application icons. The time and date in the bottom right corner are 02:23 PM, 29-05-2021.

WORKSHOP ON THE TOPIC “ESSENTIALS OF JOB APPLICATION” BY DEPT OF COMPUTER SCIENCE

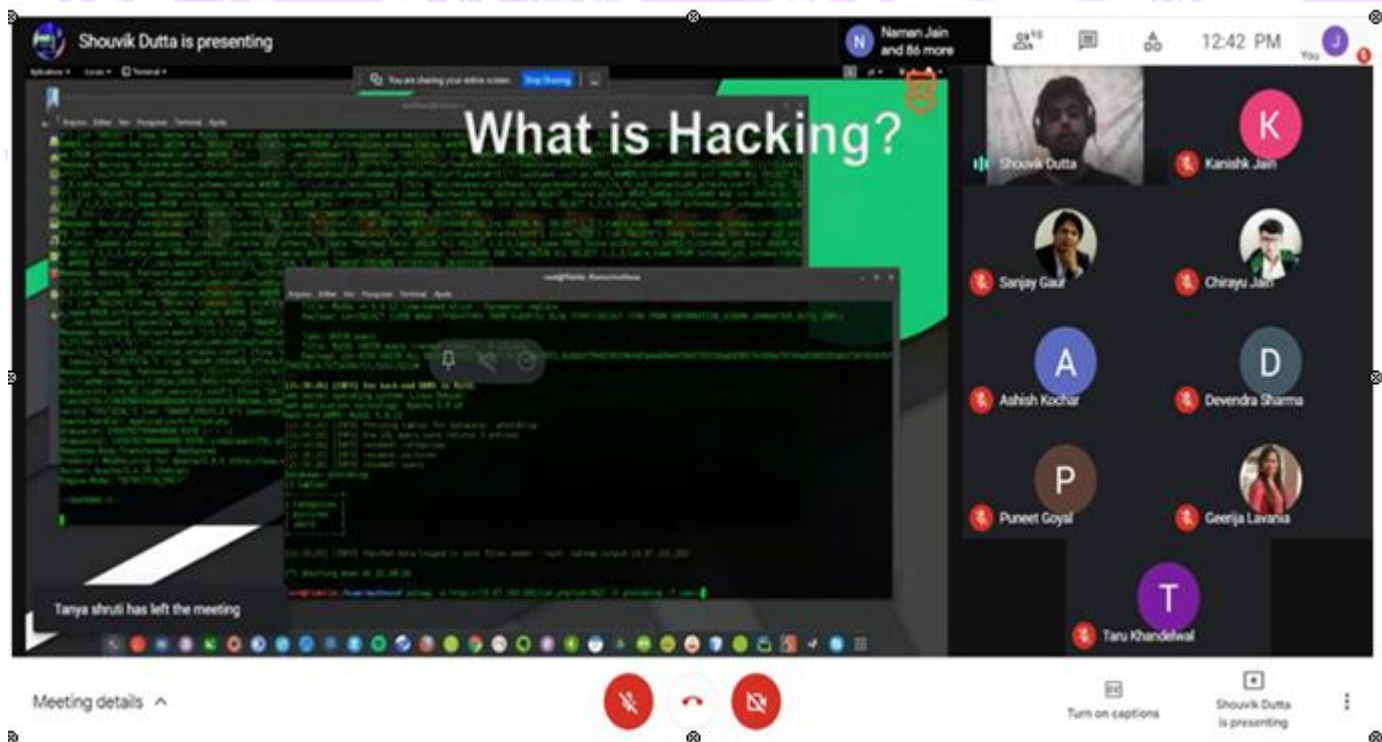
The session started at 10:30 AM. Initially the moderator Mr. Abhishek Dixit welcomed the guest, HoDs and other faculty members who have joined the call and set the tone by introducing the speaker and informing the audience about the session. Mr. Manoviraj started the session with PPT by introducing about “how to build resume”, The speaker also discussed Do’s and Don’ts while preparing a resume and also discussed many practical examples of what to do and what not to do in an interview i.e. interview etiquettes. The session went for around 1.5 hours where in the end speaker answered all the queries raised by the students. In the end, Dr. Sanjay Gour (HoD, CSE) has given vote of thanks and requested the speaker to organize more sessions in this category so that students get benefitted



MANOVIRAJ SINGH
Manager- CSR & Social Impact
Co-Founder & Manager - Aristotle World
School, Etawah

WORKSHOP ON THE TOPIC "CYBER SECURITY" BY DEPT OF COMPUTER SCIENCE

The session starts at 12:00 PM by welcoming guests. Mr. Shovik Dutta starts the session by introducing the students about the latest trends in the field of computer networks. The experts tell the students about various types of cyber security threats and the solutions to prevent them. Mr. Shovik Dutta explains the basic ways of cyber crimes and latest case studies of the same. The students have hands-on experience of cyber attacks and security in the guidance of the expert.



INNOVATION CAMP ON FRONT-END WEB DEVELOPMENT BY DEPT OF COMPUTER SCIENCE

In the camp, the participants learnt about coding, front end web development and design thinking and then applied their skills in a hands-on project creating an innovative, human-centered web solution to a real world problem. They learnt how to apply the design thinking processing web development – use strategic methods to define a problem statement, ideate creatively with their team, solve complex problems quickly, design a user experience and pitch and market their solution. Participants went through 50 Hours of Self Paced Learning in 3 weeks focused towards HTML, CSS, Java Script & Design Thinking. Two teams from CSE department participated in the event and both of them bagged positions in Top-3.

WINNER - Code Smashers



A Platform To Empower
The Women



Aayushi Bahukhandi
3rd Year, CSE



Divyansh Kumar Jangir
3rd Year, CSE



Nishtha Garg
3rd Year, CSE



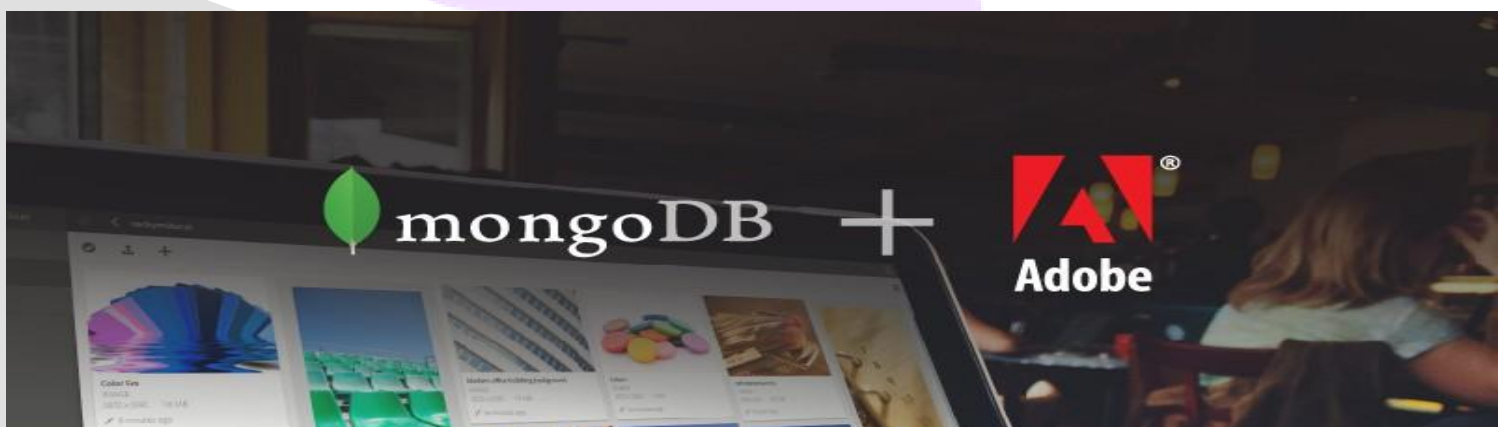
Atul Sisodiya
3rd Year, CSE



Ashish Maheshwari
3rd Year, CSE

WORKSHOP ON MONGODB BY DEPT OF COMPUTER SCIENCE

MongoDB is a leading NoSQL database used by teams that require flexibility and performance. MongoDB is open source and has many options for cloud hosting. Learn the core concepts of MongoDB needed to build production-ready applications. MongoDB is a cross-platform document-oriented database. Classified as a NoSQL database, MongoDB eschews the traditional table-based relational database structure in favor of JSON-like documents with dynamic schemas, making the integration of applications easier and faster. MongoDB is developed by MongoDB Inc. and is published as free and open source software under a combination of the GNU Affero General Public License and the Apache License. The experts tell the students about various types of database and give an exposure of MongoDB hands-on in a very interactive way. He also gives advice to students about future opportunity in USA. He also shares his experience of USA life style.

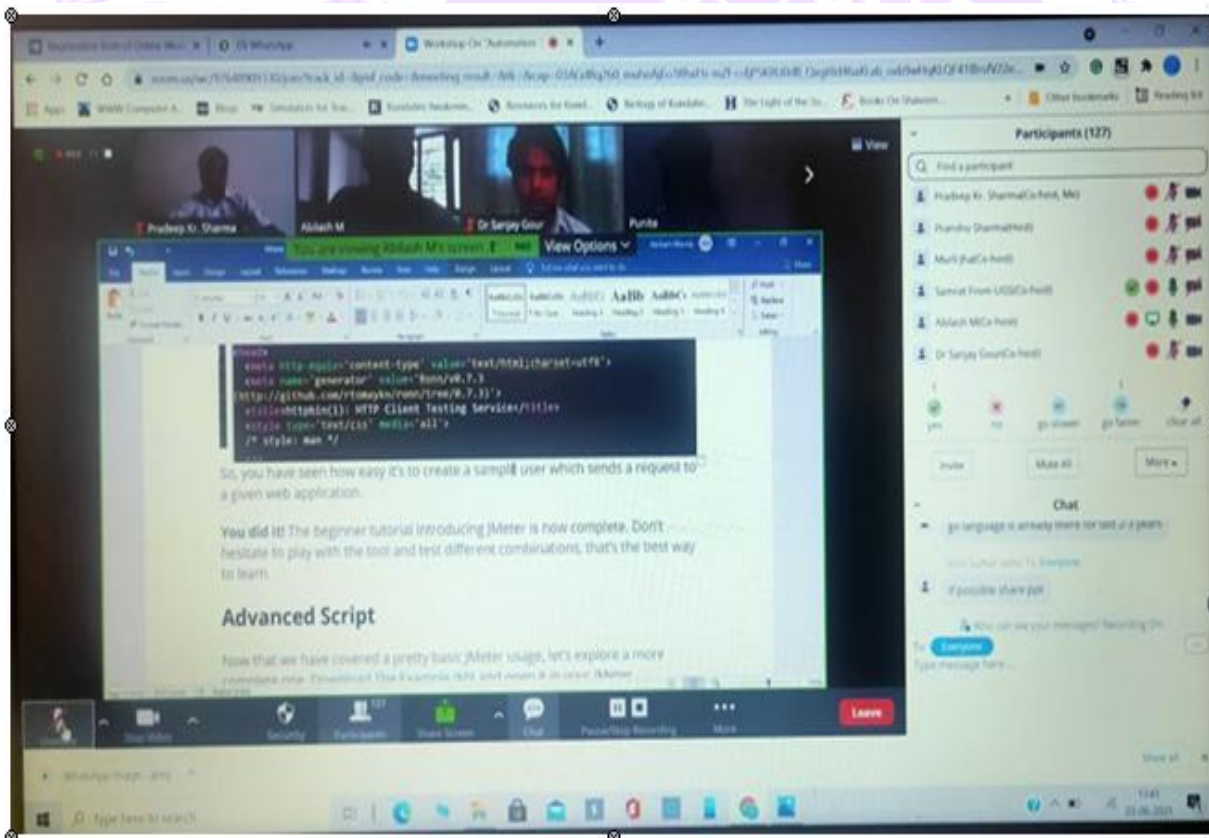


WORKSHOP ON AUTOMATION TESTING BY DEPT OF COMPUTER SCIENCE

Mr. Samrat started the session by introducing the students about latest trends in the field of Testing. The experts described the students about various types of Software Testing Techniques and the need of Testing Tools.

Automation testing is a Software testing technique to test and compare the actual outcome with the expected outcome. This can be achieved by writing test scripts or using any automation testing tool. Test automation is used to automate repetitive tasks and other testing tasks which are difficult to perform manually.

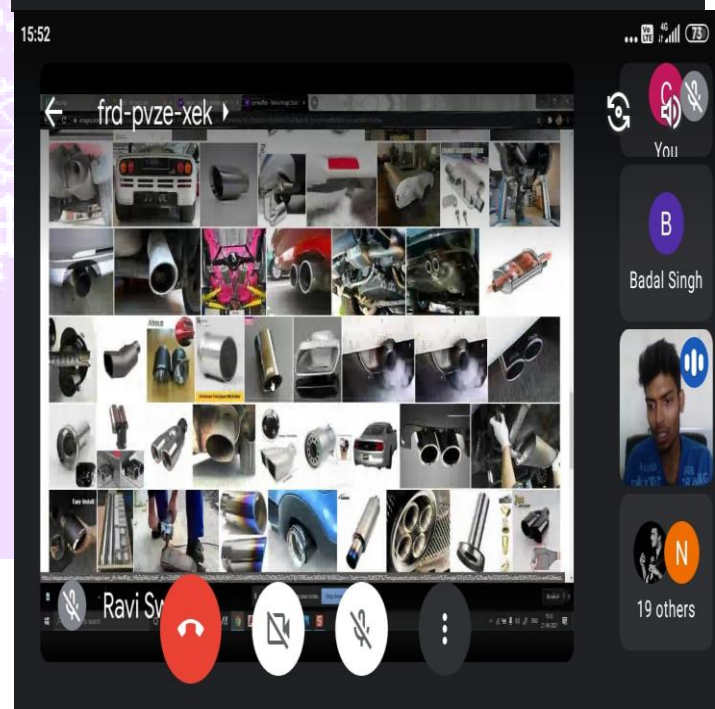
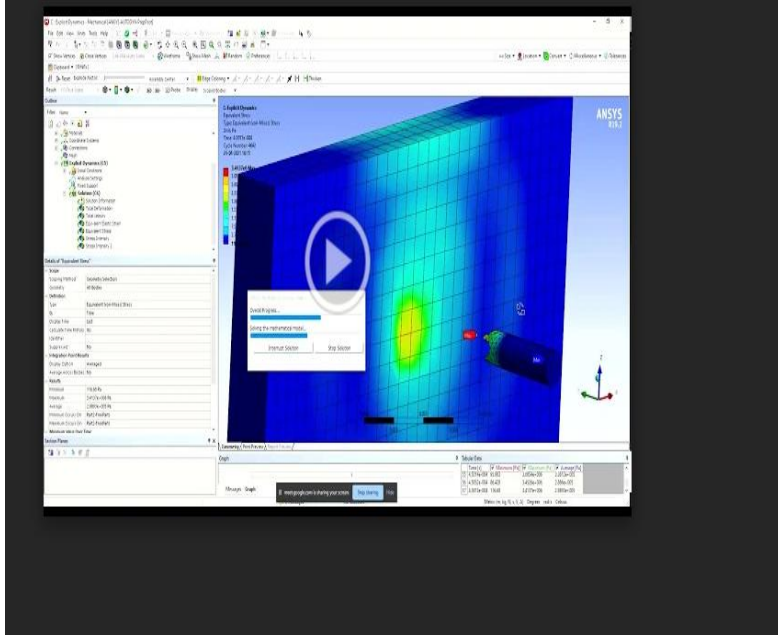
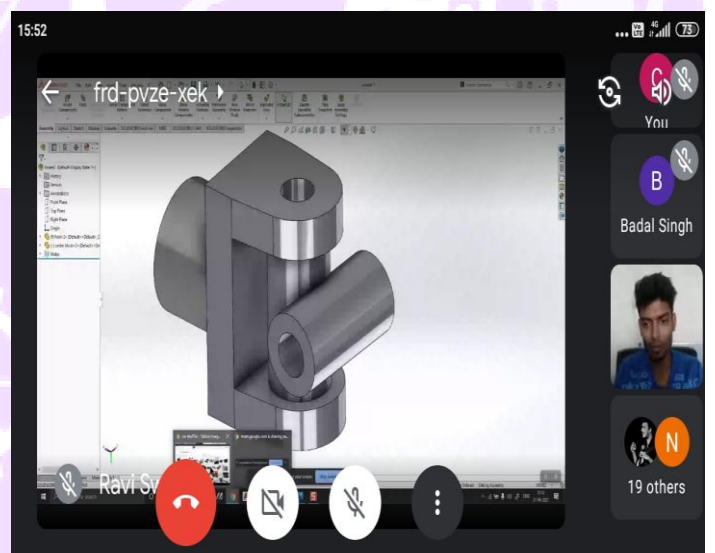
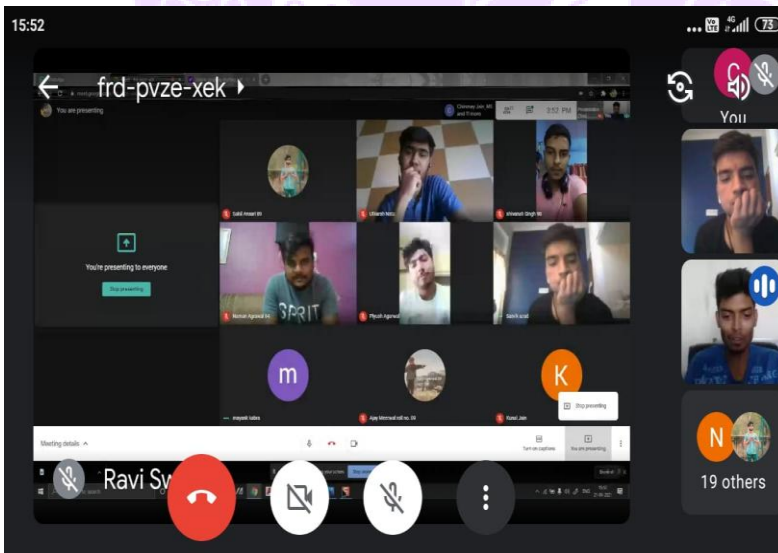
Mr. Murli and Mr. Abhilash explained the basic ways of Software Testing and different tools like Jmeter, Jabu- ti, selenium, Jumble, LoadRunner etc. The students have hands-on experience of various tools on live by the guidance of the experts.



WORKSHOP ON SOLID WORKS & ANSYS WORKBENCH

Department of Mechanical Engineering of Jaipur Engineering College and Research Centre, Jaipur organized an Online Workshop for II and III year Mechanical Engineering students on Solidworks and ANSYS Workbench during 19.04.2021 to 24.04.2021 in association with Cademate Training and Technical Services Pvt. Ltd., Jaipur.

Students were able to do hands on practice during the workshop due to which it was very much engaging & interactive session this workshop helped students to get a deep knowledge & also to do it practically.

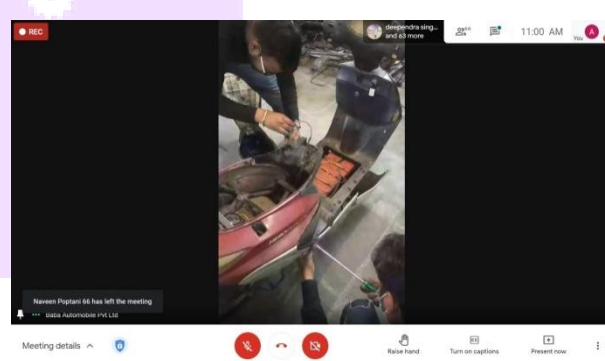
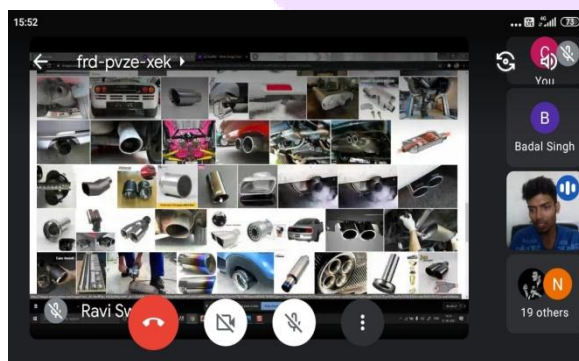
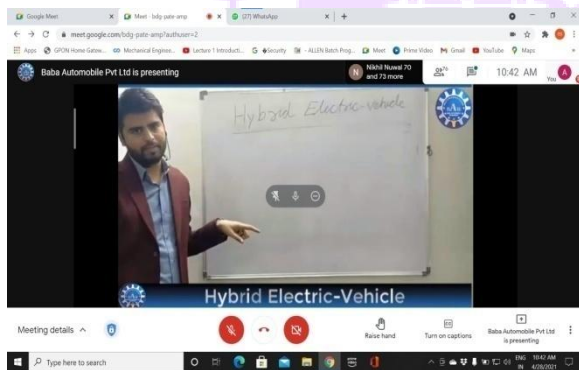


WORKSHOP ON ELECTRIC VEHICLE BY BABA AUTOMOBILES

“Change is the end result of all true learning”.

In these tough times we're determined that education & learning shouldn't be stopped. Department of Mechanical Engineering of Jaipur Engineering College and Research Centre, Jaipur organized an Online Workshop for II and III year Mechanical Engineering students on Electric Vehicle during 27.04.2021 to 01.05.2021 in association with Baba Automobiles Pvt. Ltd., Jaipur.

Workshop helped students in learning about electric vehicle (EV). It is a vehicle that uses one or more electric motors or traction motors for propulsion. An electric vehicle may be powered through a collector system by electricity from off-vehicle sources, or may be self-contained with a battery, solar panels, fuel cells or an electric generator to convert fuel to electricity. EVs include, but are not limited to, road and rail vehicles, surface and underwater vessels, electric aircraft and electric spacecraft. This workshop helped students in getting practical knowledge about EV virtually it was a wonderful & interactive session by BABA Automobiles.



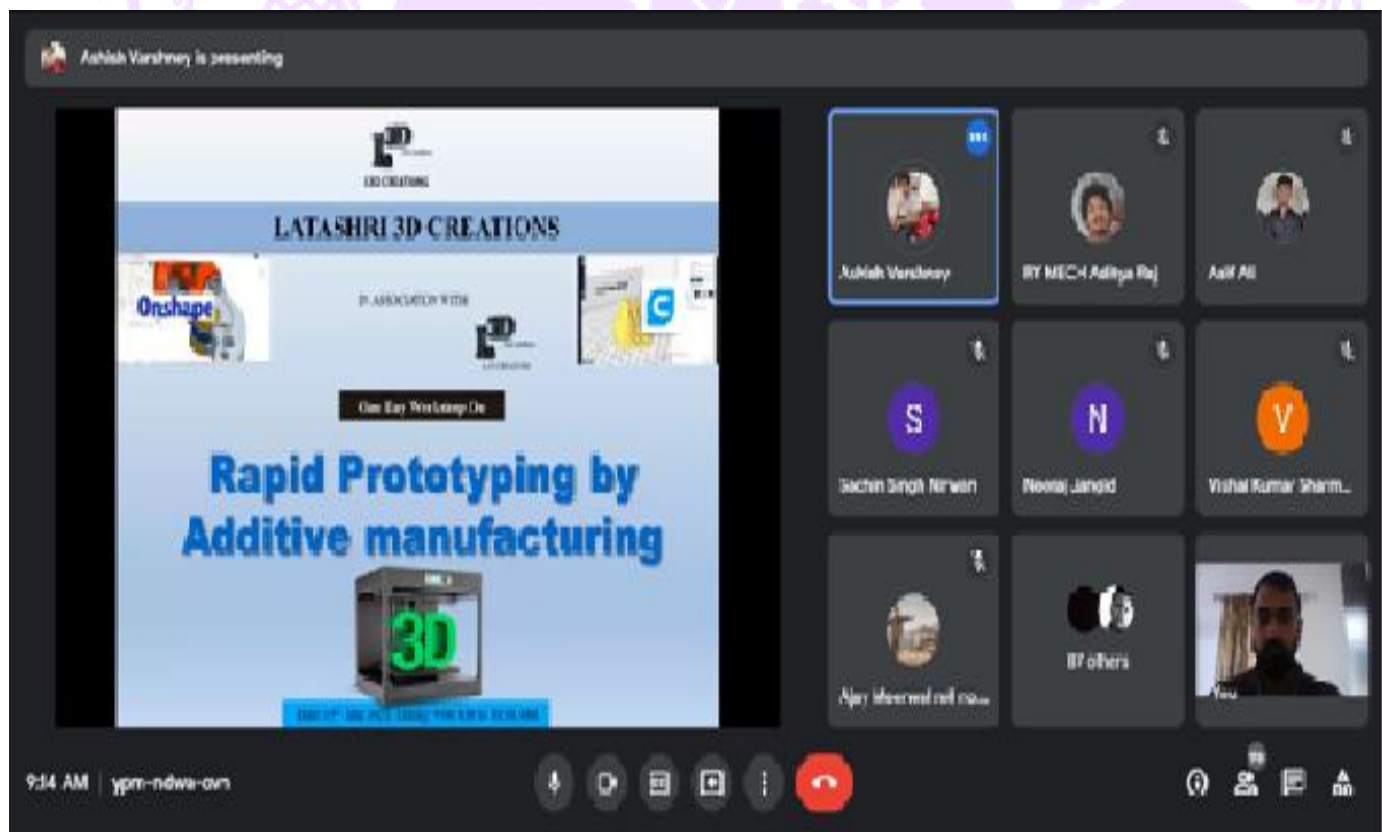
ONE DAY WORKSHOP ON “RAPID PROTOTYPING BY ADDITIVE MANUFACTURING”

A one day workshop on “Rapid Prototyping by Additive Manufacturing” was organized by Department of Mechanical Engineering (JECRC ,Jaipur) for 3rd year & Final year students of mechanical Engineering on Tuesday 15th June, 2021.

Akhilesh Paliwal (Assistant Professor) was the coordinator of this webinar & Mr. Shubham Tiwari, Shivanshu Puri Goswami is student coordinator in webinar. Mr. Akhilesh Paliwal (Assistant Professor) of mechanical department welcomed the resource person and participants and introduced the speaker Mr.Ashish Varshney with the participants.

The webinar was focused on Rapid Prototyping by Additive Manufacturing:

- What is Additive Manufacturing? where it is used?
- What is Rapid Prototyping? What are its uses?
- Basic Technologies in 3D printers.
- Design on CAD with On shape.
- Role of process parameters on quality.



WORKSHOP ON DESIGN SOFTWARES IN CIVIL ENGINEERING

MR. ABHIJEET SUBHASH PATANKAR is an experienced Project Management Consultant with a demonstrated history of working in the education industry. He is an expert in Computer-Aided Design (CAD) and has strong knowledge in Project Management Tools and Graduate Program in Construction Project Management from NICMAR.

The presentation and webinar was hosted by CADD CENTRE, JAIPUR. Being the two days grand webinar the audience for the first day was the second year and for the next day both the third and the fourth year simultaneously. There was approximately an active participation of 150+ students the first day and 400+ the second. The questionnaire round cleared everyone's doubts and queries on several topics and the students were gladly satisfied with the answers hence leaving no room for doubts.



Abhijeet Subhash Patankar
Regional Manager
INDIA



2016-CADD Expert-
Kingdom Of Bahrain



2013-AMSCO Manager
Nigeria



2009-International
Business



WORKSHOP ON STRENGTH OF MATERIALS: SIMPLE STRESS & STRAIN

Department of civil engineering organised a Guest Lecture and the Guest Speaker was from ENGINEERS ACADEMY, JAIPUR. It held on 20th May 2021 from 9:30 AM to 11:30 AM.

The field of strength of materials, also called mechanics of materials, typically refers to various methods of calculating the [stresses](#) and [strains](#) in structural members, such as beams, columns, and shafts. The methods employed to predict the response of a structure under loading and its susceptibility to various failure modes takes into account the properties of the materials such as its [yield strength](#), [ultimate strength](#), [Young's modulus](#), and [Poisson's ratio](#).

Mr. Mahesh presented this idea and gave lecture very elegantly among the students. NIMBUS Learning played a huge role in this webinar and helped students provide a platform where they can learn more about this topic.

The screenshot shows a Google Meet interface during a webinar. The main content area features a hand-drawn diagram of a rectangular prism. Above the diagram, the formula $\sigma = \frac{IRF(F)}{A} = \frac{P}{A}$ is written. Labels with arrows point to different parts of the diagram: 'Point Function' points to the top surface, 'Area Function' points to the side surface, 'Structure' points to the prism itself, and 'Prismatic' points to the bottom surface. A sidebar on the right displays 'Meeting details' for a meeting with 77 participants. The bottom of the screen shows meeting controls (mute, video, chat) and a Windows taskbar at the very bottom with the time 10:31 on 20-05-2021.

WORKSHOP ON SATELLITE REMOTE SENSING AND GIS

Department of civil engineering organised a Two days workshop on “ Satellite Remote Sensing and GIS : Basic Concepts and Its Applications” organised by Civil Department of JECRC FOUNDATION. The dates were 31st May and 1st June of 2021 respectively timings being from 9:15 AM to 11:30 AM.

The main Chief Guest and Speaker of the event was Dr. Thota Sivasankar (Ph.D – IIT DHANBAD) Assistant Professor.

The workshop was a free to attend , but registration was obligatory. It was conducted on zoom platform and there was a huge participation and interest shown by the students. Approximately 500+ students attended the meeting on both days and the session was a lovely imparting and receiving of knowledge between the students and the speaker.



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

2 - DAY WORKSHOP

31 MAY - 1 JUN 2021

9:30 - 11:30 AM(IST)

Department of Civil Engineering
Jaipur Engineering College and Research Centre, Jaipur

PRESENTS
2 - DAY WORKSHOP
ON

Satellite Remote Sensing and GIS: Basic Concepts
and Its Applications



Dr. Thota Sivasankar
(Ph.D – IIT Dhanbad)
Assistant Professor,

Geographic Information Systems (GIS)
Coordinator, IIRS-ISRO Outreach Programme
NIIT University, Neemrana (Alwar)



Sh. Arpit Agarwal
Vice Chairperson
JECRC Foundation



Prof. V.K. Chandna
Principal
JECRC, Jaipur



Mr. Krishan Kumar Saini
Assistant Professor & HOD(CE)
JECRC, Jaipur

No Registration Fee

E-Certificates to all participants

Meeting link will be shared with registered participants

Scan for Registration

Contact Details :

Yogesh Kumar Agarwal : +91- 9261390542
Pradeep Kumar Jain : +91- 7976187520

Registration link :

<https://forms.gle/ntatjJMeuFfMoqHv7>



WORKSHOP ON DATA STRUCTURES AND ALGORITHMS

In this one week online workshop on Data Structures and Algorithms we have learned everything from what is data, what is an algorithm to how to write an effective algorithm. Also, some basic concepts of data structures like a linked list, stack, queues to trees, graphs, searching and sorting techniques.

Not only this but we also have learned the concept of Python programming language like logical statements, conditional statements, dictionary, indentation, list, tuples and arrays. Moreover, he also taught us about the OOPS concept using the Python programming language.

Going further he taught us about the complexities of time complexity and space complexity, what is Big O Notation, big Omega, big theta notation, also the small O, small theta and small Omega.

ALGORITHMS

- AN ALGORITHM IS A STEP-BY-STEP RECIPE FOR SOLVING AN INSTANCE OF A PROBLEM.
- EVERY SINGLE PROCEDURE THAT A COMPUTER PERFORMS IS AN ALGORITHM.
- AN ALGORITHM IS A PRECISE PROCEDURE FOR SOLVING A PROBLEM IN FINITE NUMBER OF STEPS.
- AN ALGORITHM STATES THE ACTIONS TO BE EXECUTED AND THE ORDER IN WHICH THESE ACTIONS ARE TO BE EXECUTED.
- AN ALGORITHM IS A WELL-ORDERED COLLECTION OF CLEAR AND SIMPLE INSTRUCTIONS OF DEFINITE AND EFFECTIVELY COMPUTABLE OPERATIONS THAT WHEN EXECUTED PRODUCES A RESULT AND STOPS EXECUTING AT SOME POINT IN A FINITE AMOUNT OF TIME RATHER THAN JUST GOING ON AND ON INFINITELY.

① Python → OOPS

② Complexity → Resources

Time → space

Algo 1, Algo 2, Algo 3, Algo 4

Problem → Constraint

1 hrs PM Single Code to Python

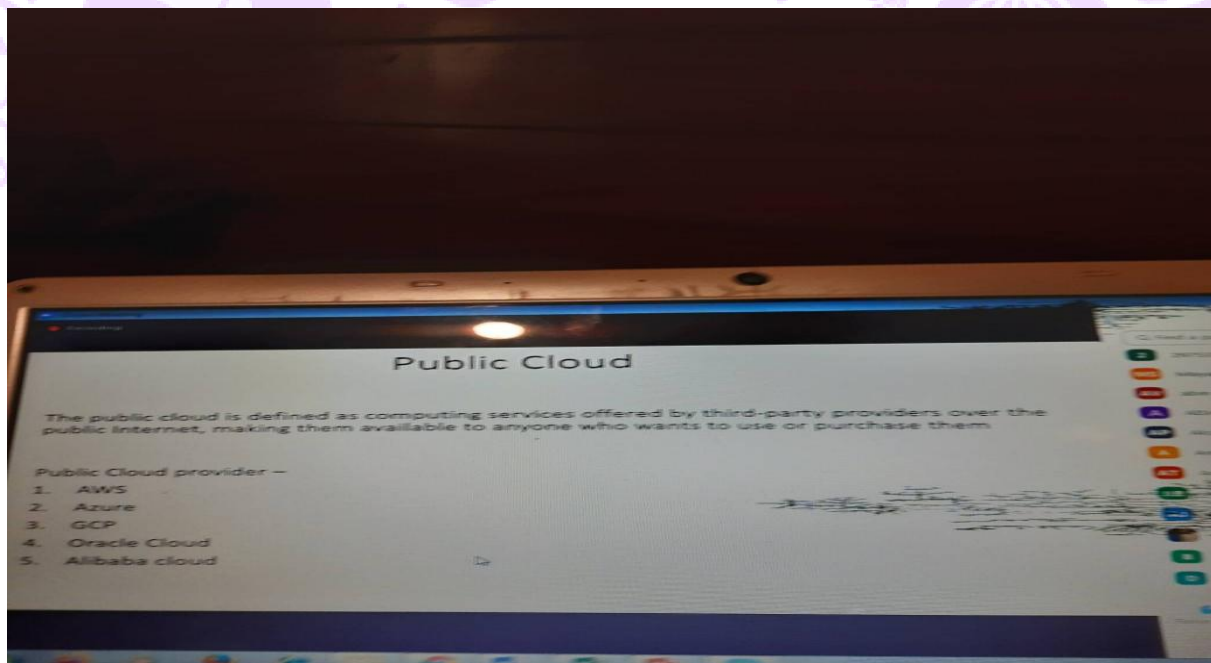
When multiple Python

$O(n^2)$, $O(n)$

CLOUD COMPUTING - HOW TO DEPLOY A PROJECT ON AWS

The IT department of Jaipur Engineering College and Research Centre organized a One day Cloud Computing workshop through on-line mode, on 5th November 2020 (Time: 02:00 PM IST) by an Industry Professional (Mr. Mayank Kumar Sharma, Grass Root Solutions) who discovered the various aspects of Cloud and its importance in today's time.

The instructor covered many things which were essential for understanding the working of cloud and cloud computing. Various topics were explained by expert such as servers, virtualization, data centers, paas(platform as a service), iaas (infrastructure as a service), and other concepts of cloud in very detail by giving real world examples and requirements. Total numbers of participants were 188.



DEVOPS PRODUCTION PIPELINE

The IT department of Jaipur Engineering College and Research Centre organized a One day workshop on DevOps Production Pipeline through on-line mode, on 6th November 2020, by an Industry Professional (Mr. Kushal Jain, Grass Root Solutions).

Session was started with the introduction about DevOps. Mr. Kushal shared the importance, applications and architecture of DevOps with all participants. Total numbers of participants, who have attended the workshop, were 178. He has also discussed about the DevOps tools and automation Process with all participants.

INDUSTRY INTERACTION PROGRAM

The IT department of Jaipur Engineering College and Research Centre organized an Industry Interaction program on 8 November, 2021, through on-line mode by esteemed professionals working in tech and fintech companies for inspiring all participants.

The guest speakers were Samantha Kaul and Akash Gupta. Mr. Samantha Kaul is working in Goldman Sach, Bangalore as a full time Analyst and Mr. Akash Gupta works as a developer at Cisco, Bangalore.

Mr. Akash explains his work in Cisco in very detail about how they monitor the working of various systems at Cisco through an interactive dashboard that gives fast alerts when anything goes wrong and easy repairs. He explained various aspects of his role and opportunities for freshers in Cisco. This was followed by a round of intriguing questions by the audiences.

He discussed in detail about the kind of projects one should build, how to approach solutions in a coding interview and the importance of explaining logic to the interviewer. He also gave an overview of his work at Goldman Sach which involves both coding and finance. A lot of questions around finance, technology and cracking the Goldman placement rounds were put up by the students and Mr. Samantha provided logical answers to all of them. Total numbers of participants were 195.

Industry Interaction Program (2020-11-07 at 23:39 GMT-8)

Open with

Speakers

1. Mr. Akash Gupta (IIT, BHU)
Software Engineer, Cisco, Bangalore
2. Mr. Samarth Koul (IIT, BHU)
Analyst, Goldman Sachs, Bangalore

FDP Registrations.xlsx

11:58 AM 3/6/2021

AppDynamics

- Application performance management and IT operations analytics company based in San Francisco
- Enables users to get insights about their businesses and applications
- Some of our clients- [Edison Learning, Inc.](#), [PHARMSCRIPT LLC](#), [Ten-X, LLC](#) and many more...

Pretty Singh entered the waiting room

Admit View

FDP Registrations.xlsx

11:59 AM 3/6/2021

My Role at GS

- I work in the Risk division and my team is Market Risk Analytics and Reporting.
- We are responsible for reviewing and signing off on the market risk numbers produced daily by the risk models. This is the risk that GS holds based on the activities it is involved in.
- We take into account any trader activity and market movements that could have driven the risk number and are responsible for the accuracy of the risk that we are reporting.
- Our team is also involved in lot of regulatory reporting, which includes reporting to multiple regulators like the Federal Reserve Bank of US, Prudential Regulation Authority of UK etc.
- Work involves analysis of risk numbers and developing platforms to help in the risk review process.

Samarth Koul

21:48 / 1:12:20

8:53 AM 3/17/2021

WEBINAR/SEMINAR

WEBINAR ON "DATA ANALYTICS: ADOPTION OF IOT SOLUTION TO INCREASE DATA COLLECTION"

Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur organizing a WEBINAR on "Data Analytics: Adoption of IOT solution to increase data collection", in association with IEEE Rajasthan Subsection, IETE Rajasthan Centre, Jaipur & OSA Student Chapter-JECRC Jaipur on 23/12/2020 from 12:00 PM to 1.30 PM through Zoom meetings. All registered participants received E-certificates after the end of session and submitted feedback form. Registration for this event was done by using goggle form and it is free for the JECRC as well as outside participants. The event was coordinated by Dr. Sandeep Vyas, HoD, ECE, department, JECRC Jaipur and moderated by Mr. Jaiverdhan, Assistant Professor, ECE department, JECRC Jaipur. The invited speaker for this event is Mr. Saurabh Bhardwaj, Co-Founder & CTO, TechieNest private Ltd. The session was witnessed by 84+ attendees including many staff members and students.

The outcome of the event was- Introduction about Internet of Things and its scope in daily life with suitable example. Also find out difference between machine learning and deep learning technology. Participants got a deeper sense of IOT, Machine Learning and Neural Networks and there proper use in near future. Also, get knowledge about activation function, Image Processing and the over-fitting problem and their solutions





Dec 23,
2020

Department of Electronics & Communication Engineering
Jaipur Engineering College and Research Centre, Jaipur

In association with

IEEE Rajasthan Subsection, IETE Rajasthan Centre, Jaipur
& OSA Student Chapter-JECRC

Presents

One Day Webinar on

“Data Analytics: Adoption of IOT solution to increase data collection”

Dec. 23, 2020

**12 PM-1.30PM
23/12/2020**

Resource Person



Mr. Saurabh Bhardwaj
Co-Founder & CTO
TechieNest Private Ltd.



E-certificate will be awarded to the participants who attend the webinar.

Targeted Audience:

UG/PG/PhD Students, Researchers, Academicians, Industry Person

12.00 PM-1.30 PM,

Wednesday, 23 Dec., 2020

Platform: Zoom Meetings

No Registration fee required.

Registration Link:

<https://qrgo.page.link/LSyV7>

Scan to Register



Sh. Arpit Agarwal
Vice Chairperson
JECRC Foundation



Prof. V. K. Chandna
Principal
JECRC Jaipur



Dr. Sandeep Vyas
HOD-ECE
JECRC Jaipur



Jaiverdhan
Assistant Prof.
JECRC Jaipur
Moderator

WEBINAR ON " IOT PROTOCOLS: DESIGN AND CHALLENGES FOR WIRELESS COMMUNICATION SYSTEM

Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur has organized a WEBINAR on " IoT Protocols: Design and Challenges for Wireless Communication System", in association with IEEE Rajasthan Subsection, IETE Student Chapter & OSA Student Chapter-JECRC on 03/10/2020 from 11:00 APM to 12.00 PM. All registered participants received E-certificates after the end of session and submitted feedback form. The session was chaired by MR. KAMLESH KUMAR SAMOTA, Scientist –B, Assistant Director, NIELIT Ajmer. The event was coordinated by Dr. Sandeep Vyas, HoD, ECE, department, JECRC Jaipur and Dr. Ashish Choudhary, Assistant Professor, ECE department, JECRC Jaipur. The event is organized and moderated by Mr. Jaiverdhan, Assistant Professor, ECE department, JECRC Jaipur.

The session was witnessed by 110+ attendees including many staff members and students. The outcome of the event was - Introduction about Internet of Things (IoT) and its scope in daily life with suitable example. Also find out difference between machine learning and deep learning technology. Also, How actually IOT model works and why the need of IoT is came in today's world.



Department of Electronics & Communication Engineering
Jaipur Engineering College and Research Centre, Jaipur
In association with

IEEE Rajasthan Subsection, IETE Rajasthan Centre, Jaipur
& OSA Student Chapter-JECRC

Presents
One Day Webinar on
"IoT Protocols: Design and Challenges for Wireless
Communication System"

Oct. 03, 2020

Resource Person

Mr. Kamlesh Kr. Samota
Scientist-B
Assistant Director
NIELIT Ajmer

11 AM-12.00PM
3/10/2020



E-certificate will be awarded to the participants who attend the webinar.

Targeted Audience:

UG/PG/PhD Students, Researchers, Academicians, Industry Person

11.00 AM-12.00 PM, Saturday, 3 Oct., 2020
Platform: Google Meet

No Registration fee required
Registration Link:
<https://forms.gle/5qVfcZEks11JHbuU8>
Scan to Register



Sh. Arpit Agarwal
Vice Chairperson
JECRC Foundation



Prof. V. K. Chandna
Principal
JECRC Jaipur



Dr. Sandeep Vyas
HOD-ECE
JECRC Jaipur



Dr. Ashish Kumar
Assistant Prof.
JECRC Jaipur
Coordinator



Jaiverdhan
Assistant Prof.
JECRC Jaipur
Moderator

WEBINAR ON OUTCOME BASED EDUCATION AND ACCREDITATION FOR ENGINEERING COLLEGES IN RAJASTHAN

National Board of Accreditation in association with Rajasthan Technical University, Kota organized a one-day webinar on “**Outcome Based Education and Accreditation for Engineering Colleges in Rajasthan**” on December 4, 2020 from 9.00AM onwards through CISCO WebEx. The nodal officer for the overall event was Prof. (Dr.) Vinay Kumar Chandana, Principal, JECRC, Jaipur. The webinar was addressed by Prof. **R. A. Gupta** Vice Chancellor RTU, Kota and dignitaries from NBA, Prof. **K.K. Aggarwal**, Chairman, NBA, New-Delhi, Dr. **A. K. Nassa**, Member Secretary, NBA, New-Delhi, Prof. **C.R. Muthukrihsnan**, Former Deputy Director IIT Madras, Chennai, Prof. **R.V. Ranganath**, B.M.S. College of Engineering, Bangalore.

Objective of the Webinar:

- To evolve standards and parameters for assessment and accreditation in line with the parameters laid down by the appropriate statutory regulatory authority for coordination, determination and regulation of standards in the concerned field of technical education;
- To promote excellence through a benchmarking process, which is helpful in determining whether or not an institution is able to achieve its mission and broad-based goals, and in interpreting the results of the outcomes assessment process;
- To promote quality conscious system of technical education where excellence, relevance to market needs and participation by all stakeholders are prime and major determinants
- To assess and accredit the technical education programs; To build a technical education system as facilitator of human resources, that will match the national goals of growth by competence, contribution to economy through competitiveness and compatibility with societal development;
- To set the quality benchmarks targeted at global and national stockpile of human capital in all fields of technical education;
- To conduct evaluation of self-assessment of technical institutions and/or programs offered by them on the basis of guidelines, norms and standards specified by it; and
- To contribute to the domain of knowledge in quality parameters, assessment and evaluation.

Programme Schedule	
Time	Activity
09:00 - 09:30	Registration
09:30 - 09:45	Invocation
09:45 - 09:50	Welcome Address by Prof. Vinay Kumar Chandna Principal, Jaipur Engineering College & Research Centre, Jaipur
09:50 - 10:00	Address by Prof. B.A. Gupta Vice-Chancellor, Rajasthan Technical University, Kota
10:00 - 10:05	Webinar Objectives by Dr. Anil Kumar Namsa Member Secretary, NBA New Delhi
10:05 - 10:30	Inaugural Address by Prof. K.K. Aggarwal Chairman, NBA, New Delhi
10:30 - 10:50	NBA Accreditation-Introduction, Assessment Methodology, Guidelines, Benefits, Quality Initiatives, Washington Accord Membership & its Advantages, Renewal of WA Membership for the next 6 years effective from June, 2020 and NBA future plan by Dr. Anil Kumar Namsa Member Secretary, NBA, New Delhi
10:50 - 11:40	Methods of Assessment and Evaluation: Assessment Tools, Assessment of POs, PSOs, FEOs & COs and thoughts on closing the Loop for Continuous Improvement by Prof. C.B. Mathurkirtikesan Former Deputy Director, IIT, Madras, Chennai
11:40 - 11:55	Self Assessment Report (SAR): Overview of changes, How to prepare the SAR and effect Improvements during the process (UG Engineering) by Prof. R.V. Ranganath B.M.S. College of Engineering, Bangalore.
11:55 - 12:30	Interactive Session (Q/A) with Resource Persons
12:30 - 12:40	Vote of Thanks by Dr. Anil Kumar Namsa Member Secretary, NBA, New Delhi.
12:40 - 12:45	National Anthem



National Board of Accreditation
In association with
Rajasthan Technical University, Kota



INVITATION

FOR AN ONLINE WEBINAR
ON

Outcome Based Education and
Accreditation for Engineering
Colleges in Rajasthan
Sponsored by NBA, New Delhi

4th December 2020 from 9.00AM to 2.00PM

Registration Link

[Click Here](#)

<https://forms.gle/1E5UUA6RKN9YhCm6>

Prof. V. K. Chandna
Nodal Officer

Principal, JECRC Jaipur

Email: principal@jecrc.ac.in

Phone: 0141-2770120, 2770232

outcome assessment → improvement - example contd.

As diagram indicates, difficulties arise only between the theoretical concepts and their industrial application.

- Issue 1: Fundamental learning principle is used in Mechanics of Materials (TUTOR 20) to evaluate shear stress/strain in and across specimens and improve the grip of laminated composites.
- Issue 2: Mathematical courses in the third semester, i.e., variables and integral Equations (COMB02), and in the fourth semester, i.e., Numerical Methods and Partial Differential Equations (COMB03) involved several problems of self-regulate.

More targets, and advanced level outcomes are shared, subsequently.

We strive and set higher targets in quest of continuous improvement.

Target setting and Target go together in CBI

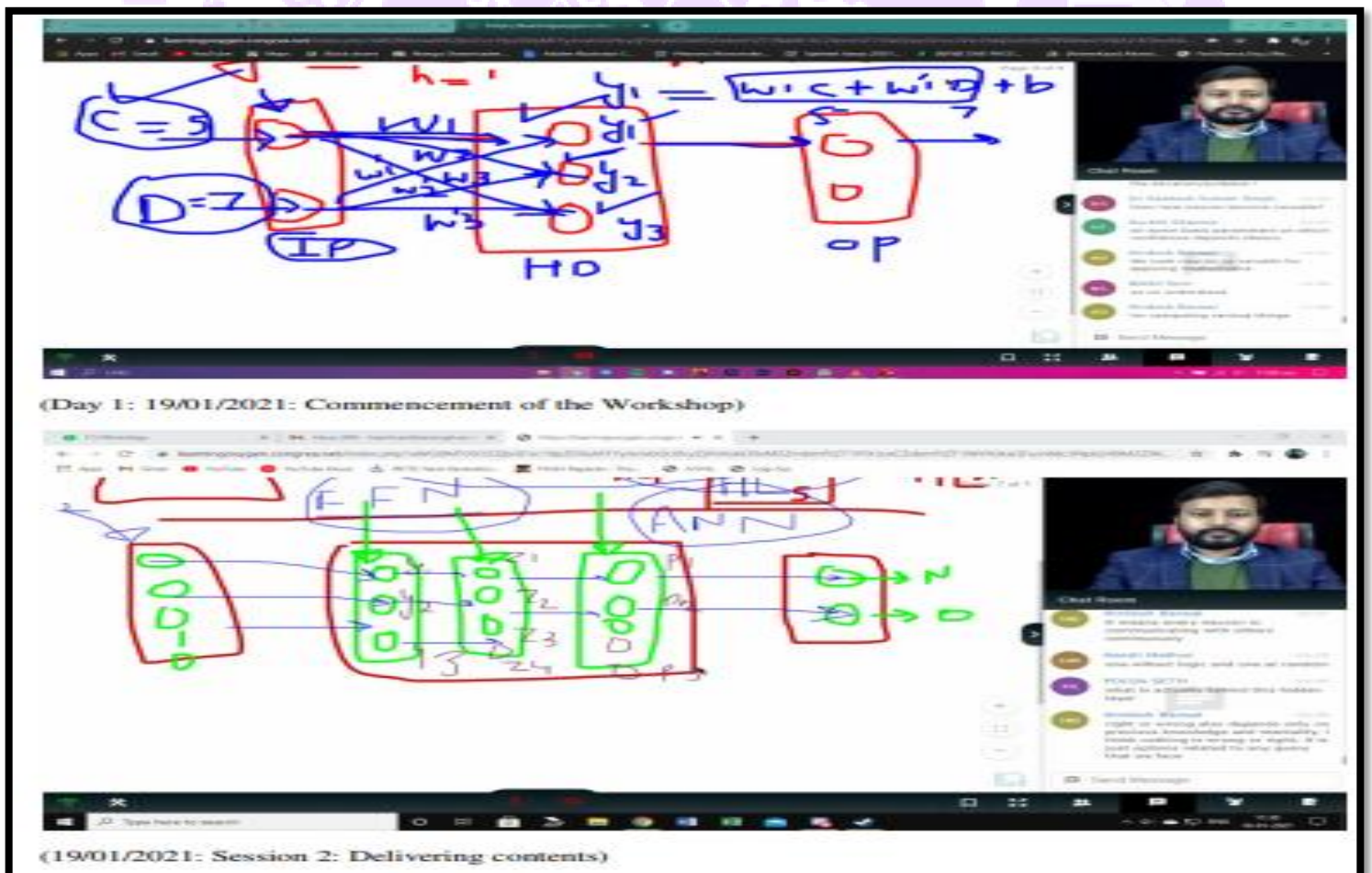
Prof. B.A. Gupta

Zoom meeting interface showing a grid of participants and a main video feed of Prof. B.A. Gupta.

WORKSHOP ON ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS

Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur has organized a WORKSHOP on "Artificial Intelligence and Neural Networks", in association with IEEE Rajasthan Subsection, Learn and Build, Jaipur & OSA Student Chapter-JECRC from 19/01/2021 to 20/01/2021. All registered participants received E-certificates after the end of session and submitted feedback form. The workshop was chaired by MR. SAURABH BHARADWAJ. The event was coordinated by Dr. Sandeep Vyas, HoD, ECE, department, JECRC Jaipur, Mr. Ashutosh Sharma, Assistant Professor, ECE department, JECRC Jaipur and Mr. Devesh Gupta, Assistant Professor, ECE department.

The session was witnessed by 174+ attendees. On first day the workshop started with the introduction of – What is Artificial Neuron?, Neural Network and its working, Tuning Parameters etc. After a great response from the students on day 1 the workshop began with great enthusiasm on the next day covering topics like-Tensonflow, Tensor Board, Keras, Custom Deep Learning etc. Overall each and every participant enjoyed this two days workshop on the AI and Neural Networks.





Jan 19-20,
2020

Department of Electronics & Communication Engineering
Jaipur Engineering College and Research Centre, Jaipur

In association with
IEEE Rajasthan Subsection
Organizing
Two Day Workshop on

Attractive Prizes
for Quiz Winner
Worth 2500/-

"Artificial Intelligence and Neural Networks" Jan 19-20, 2020

Day -1(will Grasp)

- What is Artificial Neuron?
- Neural Network and its working
- Designing of Artificial Neural Network
- Single Layer Perceptron
- Multi-Layer Perceptron
- Back-Propagation
- Tuning Parameters
- Convolutional Neural Network
- Recurrent Neural Network
- Query session

Day -2(will Grasp)

- Tensorflow - Installation and Use-cases
- TensorBoard - Parallel Data Training Network Visualisation
- Keras - Installation and Use - Cases
- Custom Data Features Mapping
- Custom Deep Learning Models Development
- Query Session
- Applications can be build using this learning in future

E-certificate will be awarded to the participants who attend the Workshop.

Time: 9:30 AM -2:00 PM, (Both Day) Jan 19-20, 2020

Platform: ZOOM Meeting

No Registration Fee required

Registration Link:

<https://forms.gle/uVC2NIHz3cTVfjBx5>

Scan for Registration



Prof. V. K. Chandna
Principal
JECRC Jaipur



Dr. Rohit Bhakar
Chair, IEEE
Rajasthan Subsection



Dr. Sanjeev Yadav
Secretary, IEEE
Rajasthan Subsection



Prof. Sandeep Vyas
HOD, ECE
JECRC Jaipur

Workshop Coordinators

Mr. Ashutosh Sharma and Mr. Devesh Gupta

WEBINAR ON NATIONAL GRID OPERATION UNDER HIGH PENETRATION OF RENEWABLE

On 4th of July, 2020. Department of Electrical Engineering organized one day online webinar on National Grid Operation under High Penetration of Renewable.



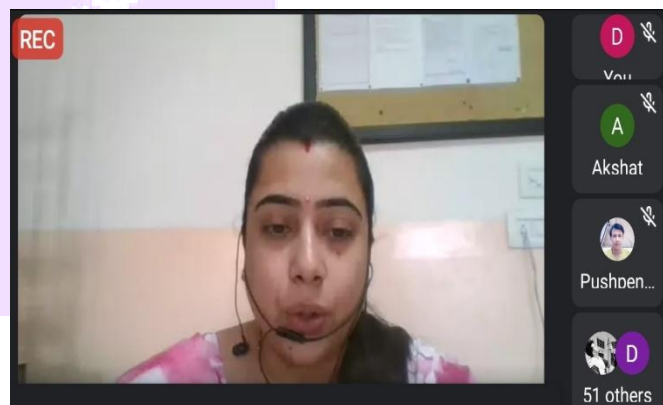
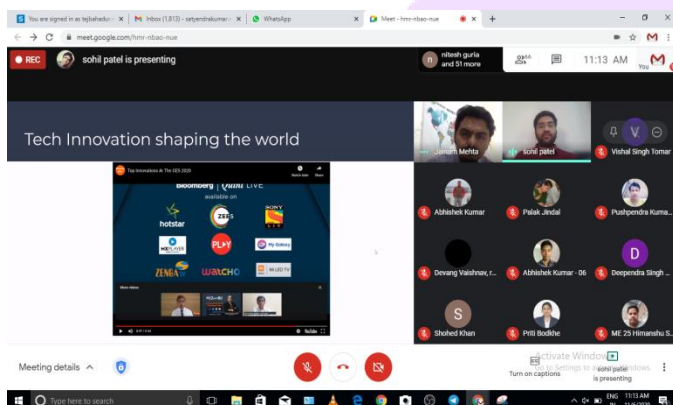
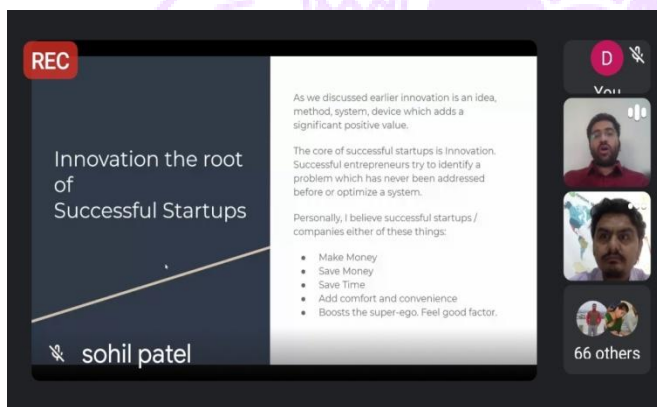
Dr. Manohar Singh,
Engineering Officer in Power
System Division, CPRI,
Bangalore

WEBINAR ON “INNOVATION & FUTURE OF STARTUPS” BY MR JAINAM MEHTA AND MR SOHIL PATEL OIZOM INSTRUMENTS PVT. LTD., GUJARAT

A webinar on “Innovation & Future of Startups” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd and 3rd year students of Mechanical on 06th November, 2020. Dr. M. P. Singh (HOD, ME) and Ms. Fauzia Siddiqui (Deputy HOD, ME) along with two other faculty members and Ms. Palak Jindal (Assistant professor) of mechanical department welcomed the resource people and participants and introduced the speakers with the participants.

Mr Sohil Patel briefed the participants about the Innovation & importance of Innovation Ecosystem in shaping the Future. He presented a presentation and explained the Innovation Ecosystem and its role in transforming new ideas into reality, and then he introduced the characteristics of successful startup.

Then Mr Jainam Mehta briefed about the emerging startup sectors- Machine learning AI, AR VR, Health Care, Ed Tech, IoT and Automobile sector. He explained the 4 key ingredients of successful startups –correct Timing, good Team, better Idea and a great Network (Connection).



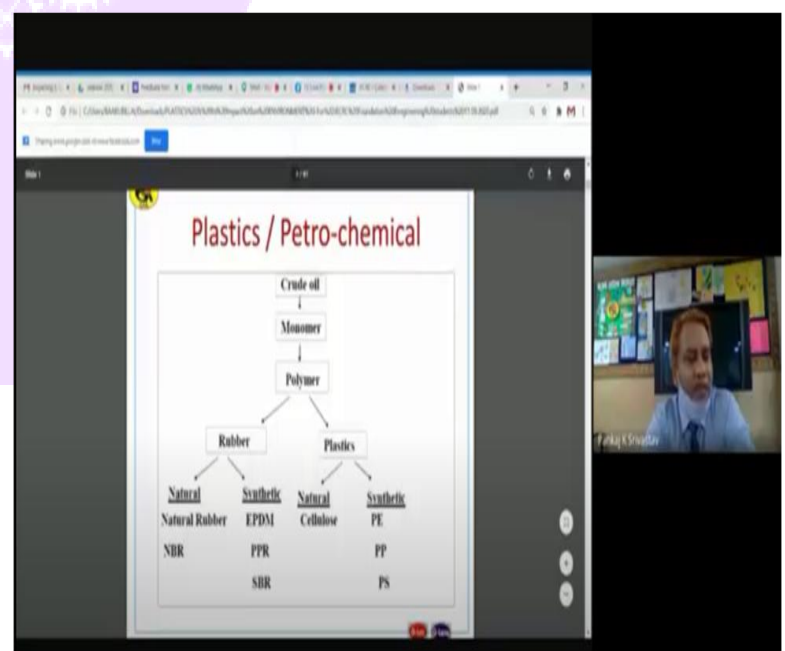
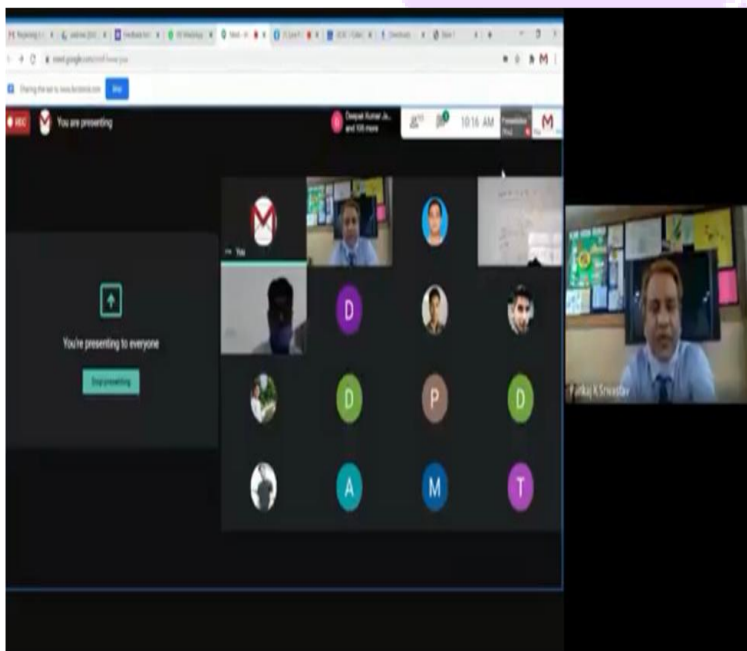
WEBINAR ON “PLASTICS AND ITS IMPACT ON ENVIRONMENT” BY DR. PANKAJ KUMAR SRIVASTAVA DEM (MARKETING), GAIL (INDIA) LTD.

A webinar on “Plastics and its impact on environment” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd, 3rd & 4rd year students of mechanical on 11th September, 2020. Ms. Palak Jindal (Assistant professor) and Mr. Ravi Yadav (Assistant Professor) were the coordinators of this webinar. Mr Satyendra Kumar (Assistant Professor) of mechanical department welcomed the resource person and participants and introduced the speaker with the participants.

The webinar was focused on three different phases:

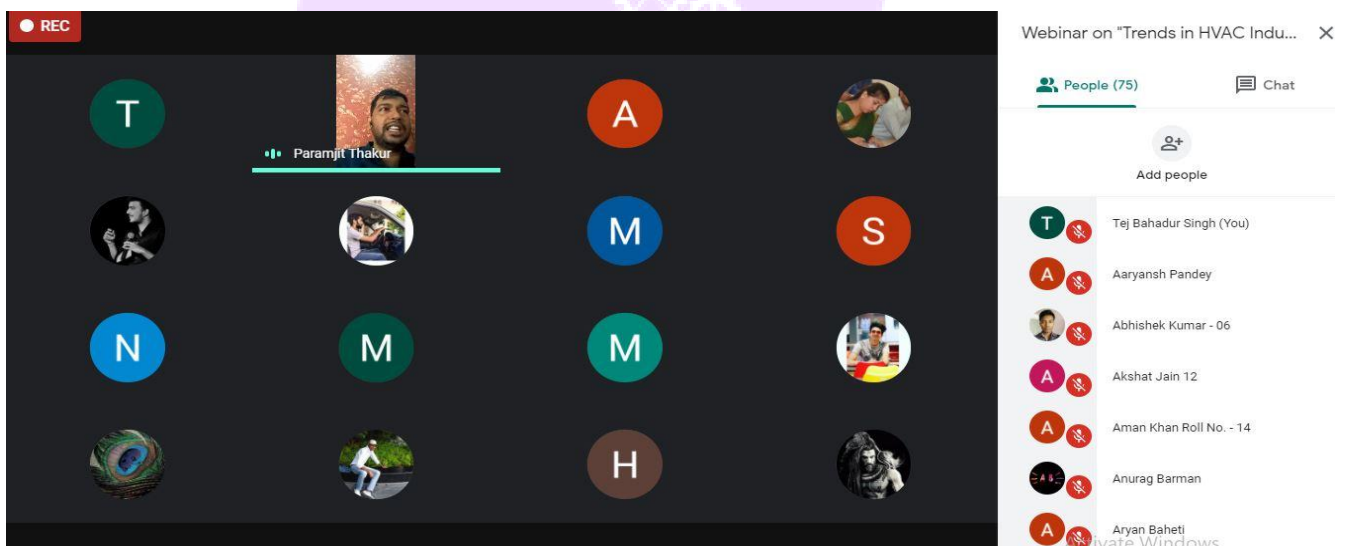
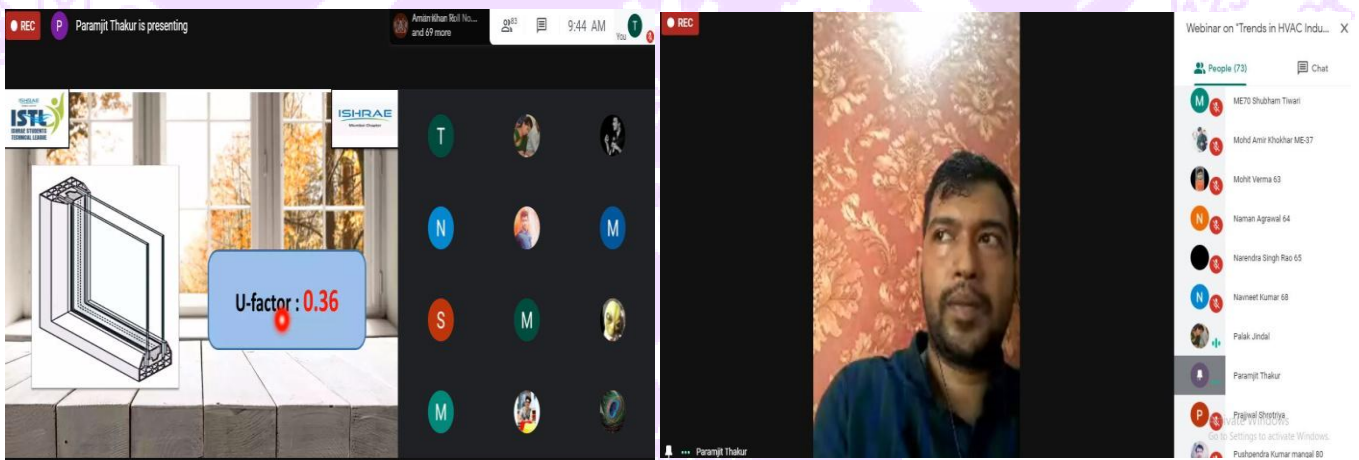
1. What is the use of plastic now days?
2. Advantages and disadvantages of plastic on environment?
3. Waste handling and reuse of plastic.

Mr. Pankaj Kumar Srivastava was very interactive with the fellows attending the webinar and gave information about huge possibilities to grow. Plastic waste is a growing concern and the drivers behind it look set to continue. Although recently there has been slight decrease in plastic production, this is unlikely to be maintained. Plastic is a highly useful material and its applications are expected to increase as more new products and plastics are developed to meet demands. The increased use and production of plastic in developing and emerging countries is a particular concern, as the sophistication of their waste management infrastructure may not be developing at an appropriate rate to deal with their increasing levels of plastic waste.



WEBINAR ON “TRENDS IN HVAC INDUSTRY” BY MR PARAMJIT THAKUR ENTREPRENEURSHIP DEVELOPMENT CELL HEAD, SCOE, MUMBAI

A webinar on Trends in HVAC Industry ((heating, ventilation and air conditioning) was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd and 3rd year students of mechanical on 13th October, 2020. Dr. M. P. Singh (HOD,ME) and Ms.Fauzia Siddiqui (Deputy HOD,ME) along with two other faculty members Mr. Satyendra Kumar (Assistant Professor) and Ms. Palak Jindal (Assistant professor) of mechanical department welcomed the resource person and participants and introduced the speaker with the participants. Mr Paramjit Thakur briefed the participants about the introduction on the trends in HVAC industry and ISTL (ISHARAE student technical league). He presented a presentation of the students who came 2nd in the competition and explained the motive of the presentation and ISHARAE community who helped the students to interact with the project managers and consultants if you have the membership of society



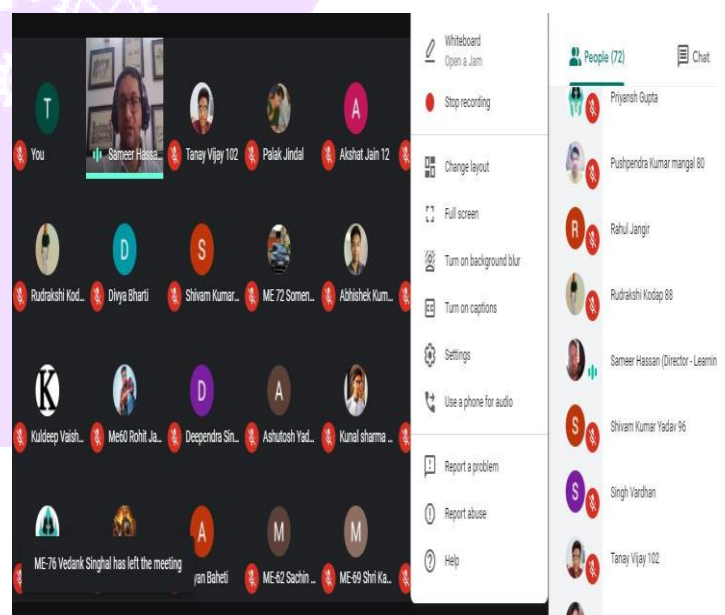
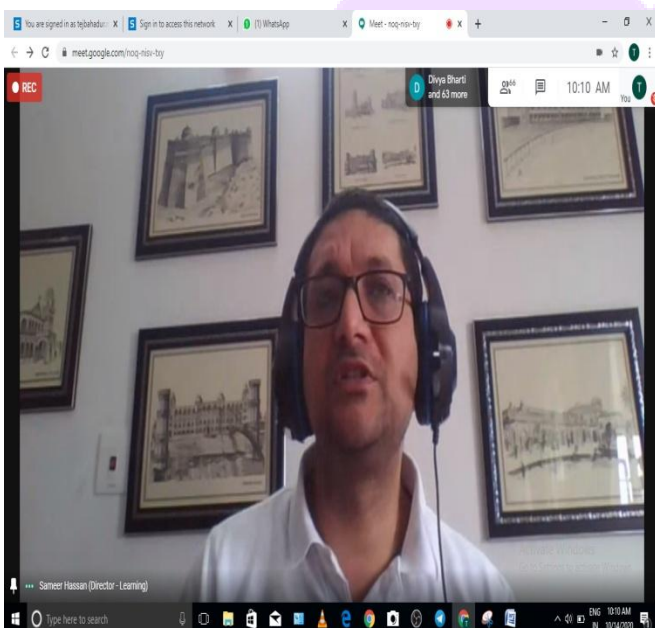
WEBINAR ON “CAREER ENHANCEMENT AND ROLE OF COMMUNICATION SKILL IN E-COMMERCE” BY MR SAMEER HASSAN DIRECTOR LEARNING & DEVELOPMENT, FILPKART, BENGALURU

A webinar on “Career Enhancement and Role of Communication Skill in E-Commerce” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd and 3rd year students of mechanical on 14th October, 2020. Ms. Palak Jindal (Assistant professor) and Mr Tej Bahadur Singh (Assistant Professor) were the coordinators of this webinar. Mr Satyendra Kumar (Assistant Professor) of mechanical department welcomed the resource person and participants and introduced the speaker with the participants.

The webinar was focused on three different phases:

1. How India shop online.
2. What and how are teams involved in e-commerce?
3. Communication skills in E-commerce.

Mr Sameer Hassan was very interactive with the fellows attending the webinar and gave information about huge possibilities to grow. He said that until 2030, most youngsters or people of India will shop online. In webinar it was also discussed how engineers and where can they grab their opportunity to work in the field of E-commerce. The Session was concluded by giving some communication tips for students. He also said that Patience & Perseverance are two qualities for upholding yourself in market.

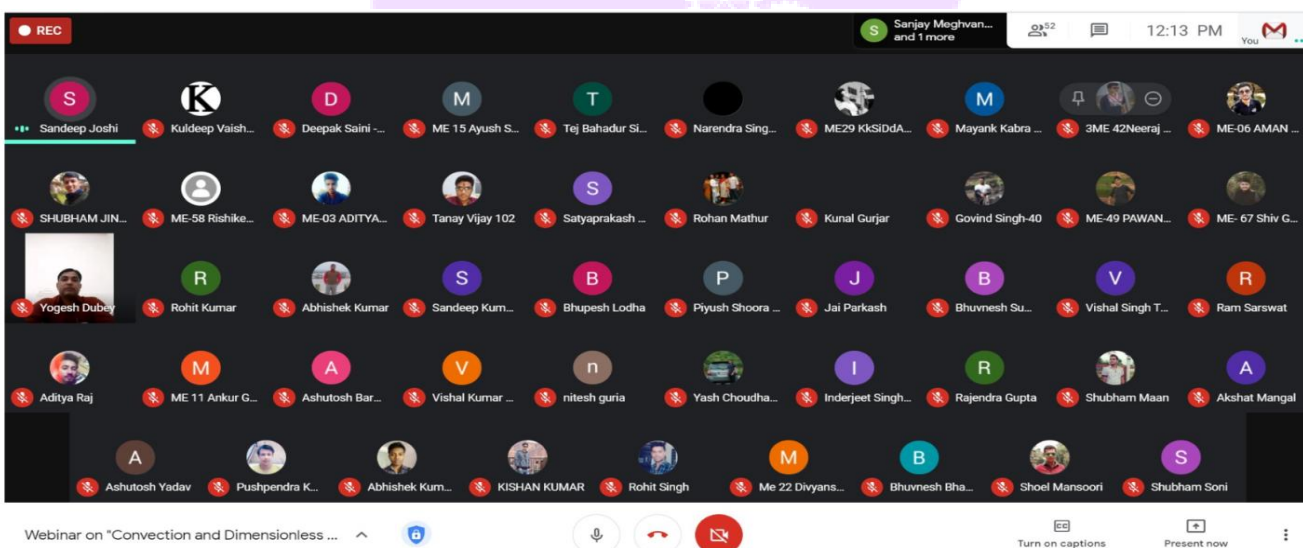
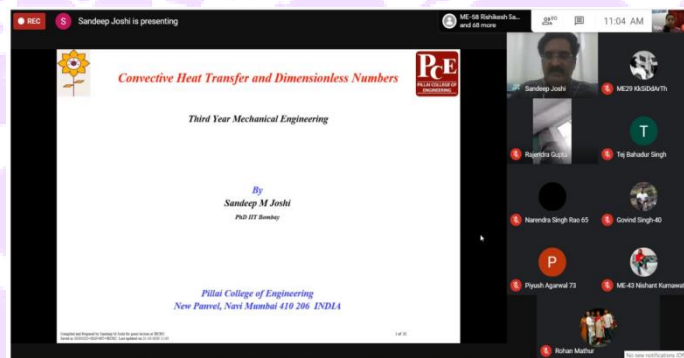
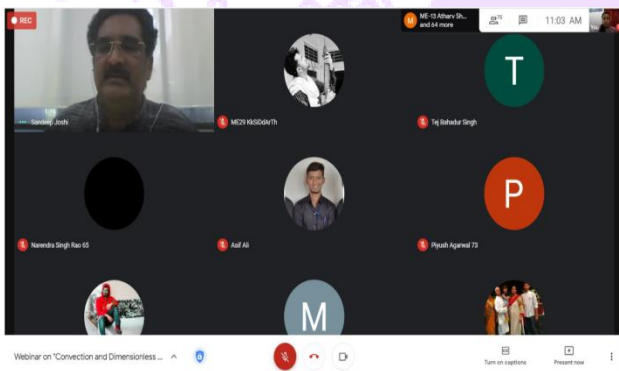


WEBINAR ON “CONVECTION AND DIMENSIONLESS NUMBERS” BY DR. SANDEEP JOSHI PRINCIPAL, PILLAI COLLEGE OF ENGINEERING

A webinar on “Convection and Dimensionless Numbers” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd and 3rd year students on 21st October, 2020. Mr. Yogesh Dubey & Mr. Satyendra Kumar (Assistant Professor) were the coordinators of this webinar. Ms. Palak Jindal (Assistant Professor) of Mechanical Engineering Department welcomed the resource person and participants and introduced the speaker with the participants.

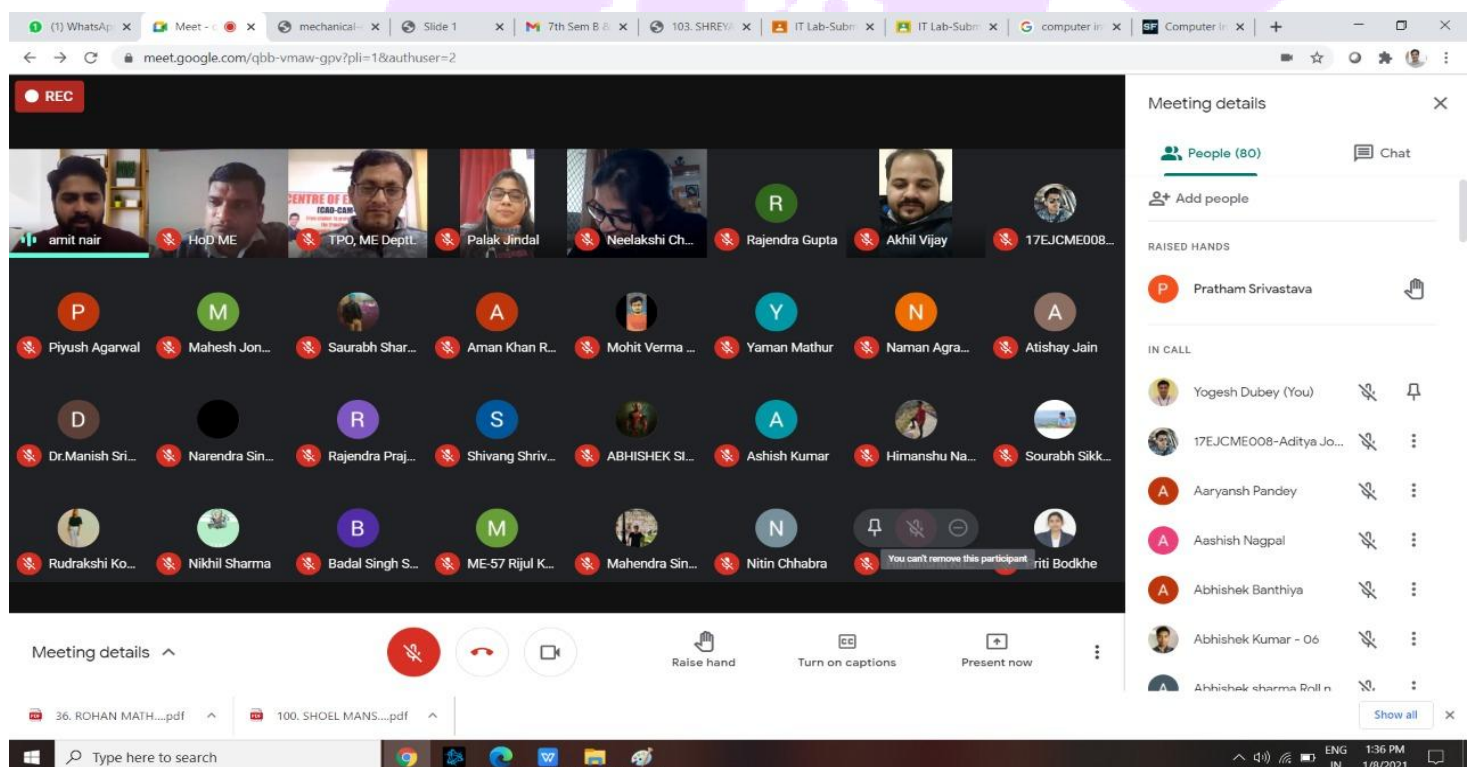
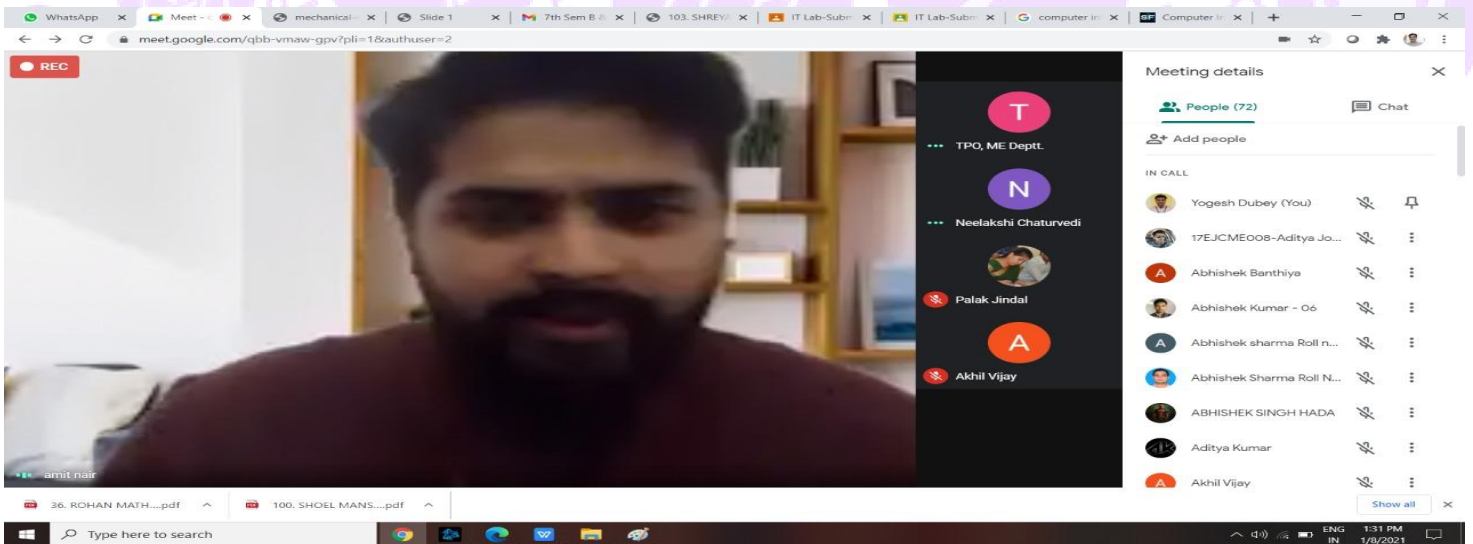
The webinar was focused on two different phases:
How convection phenomenon is implementing Practically.
Analysis of dimensionless number.

Dr. Sandeep M Joshi completed his PhD from IIT Bombay and have been teaching thermodynamics and heat transfer since 1996 and currently he is working in Pillai College of Engineering, Navi Mumbai. This lecture was attended by the students of 3rd and 4th year and very well coordinated by the faculty.



WEBINAR ON “RECENT CHALLENGES AND OPPORTUNITIES IN AUTOMOTIVE SECTOR”

A webinar on “Recent Challenges and Opportunities in Automotive Sector” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd, 3rd & 4th year students of mechanical on 08th January, 2021. Ms. Palak Jindal (Assistant professor) and Mr. Satya Prakash Saini (Assistant Professor) were the coordinators of this webinar. Mr. Satyendra Kumar (Assistant Professor) of mechanical department welcomed the resource person and participants and introduced the speaker with the participants.



WEBINAR ON “DESIGN OF MECHANISMS” BY DR. KAILASH CHAUDHARY PROFESSOR MBM JODHPUR.

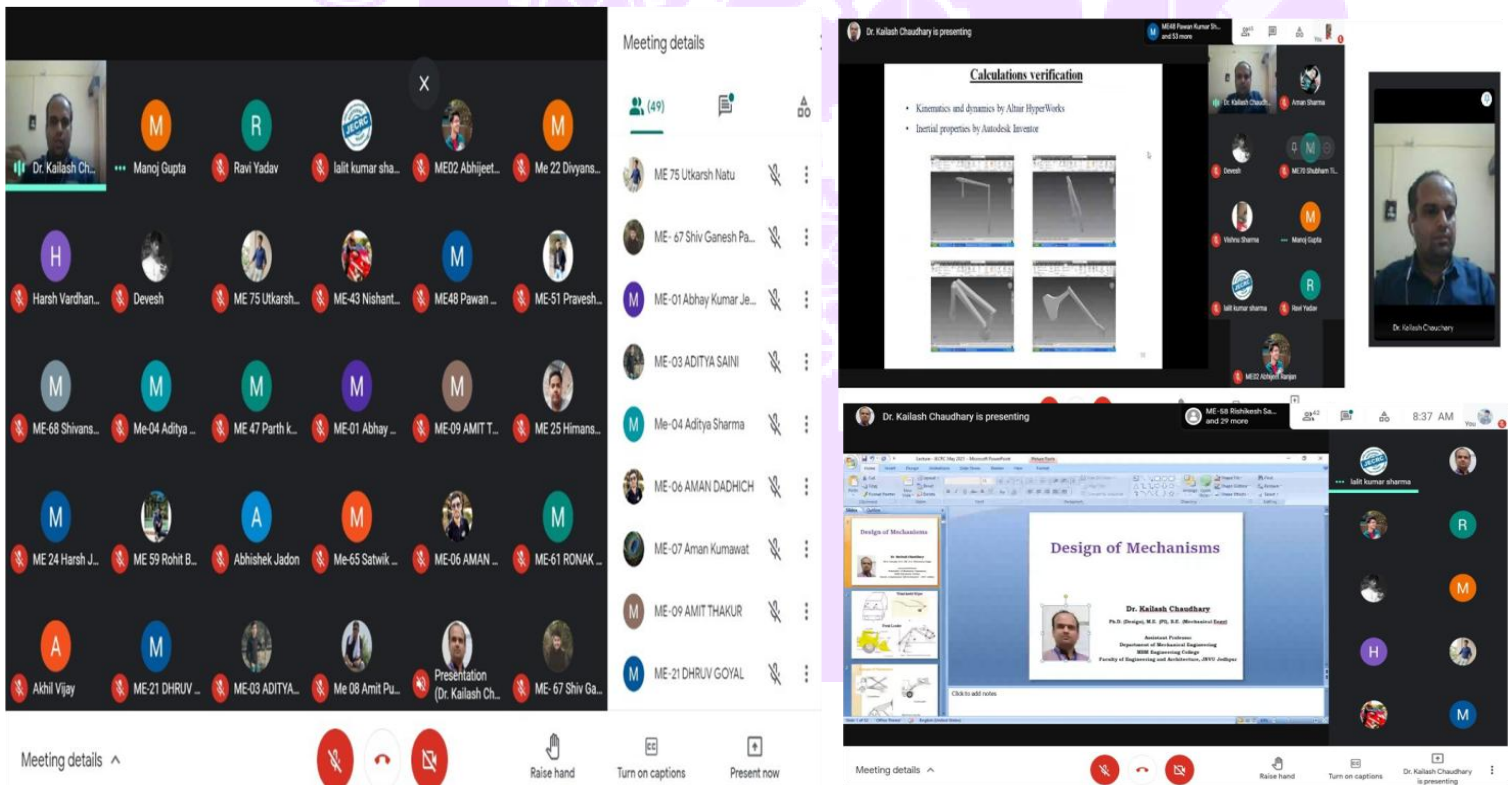
A webinar on “Design of Mechanisms” was organized by Department of Mechanical Engineering (JECRC ,Jaipur) for 2nd year students of mechanical on Thursday 13th May, 2021. The webinar was focused on some different points of mechanisms:

What do you mean by mechanism?

Where or how is the use of mechanism in our daily life?

Importance of design of mechanism in future study?

Mr. Kailash Chaudhary was very interactive with the fellows attending the webinar and gave information about the design of mechanism. Mechanism is basically known as the system or assembly of moving parts that is working together to make a large machinery. A mechanism generally consists of moving components which include gear & gear trains, belts, chain drives, linkages, structural components etc. The combination of force and movement defines power, and a mechanism manages power to achieve a desired set of forces and movement.



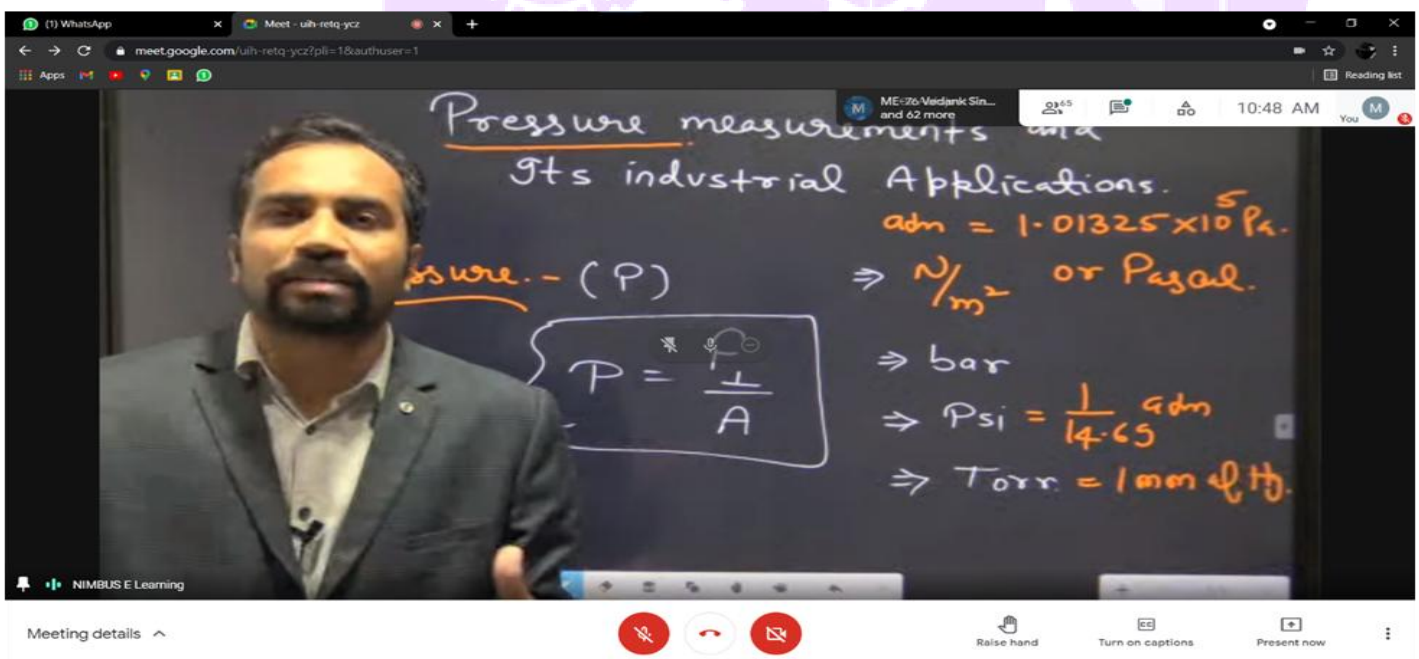
WEBINAR ON “FLUID PRESSURE MEASUREMENT AND ITS INDUSTRIAL APPLICATIONS” BY MR. VINAY DHAKREY (ENGINEERS ACADEMY)

A webinar on “Fluid pressure measurement and its industrial applications” was organized by Department of Mechanical Engineering, JECRC, Jaipur for 2nd year students of mechanical on 14th May, 2021. The webinar was focused on three main topics:

- Basics of pressure.
- Types of pressure measurement devices.
- Applications of pressure measurement.

Basically pressure is defined as the normal component of the force acting per unit area. Its units are Pascals, bar, Psi, Torr, etc. There are 4 types of pressure: absolute pressure, atmospheric pressure, differential pressure, gauge pressure. “A pressure change at any point in a confined incompressible fluid is transmitted throughout the fluid such that the same change occurs everywhere” This statement is known as Pascal’s law.

Mr. Vinay Dhakrey was very interactive with the fellows attending the webinar and gave information about different types of pressure measurement methods.



A WEBINAR ON “HOW MECHANICAL STUDENT MAKE THEIR CAREER IN AEROSPACE”

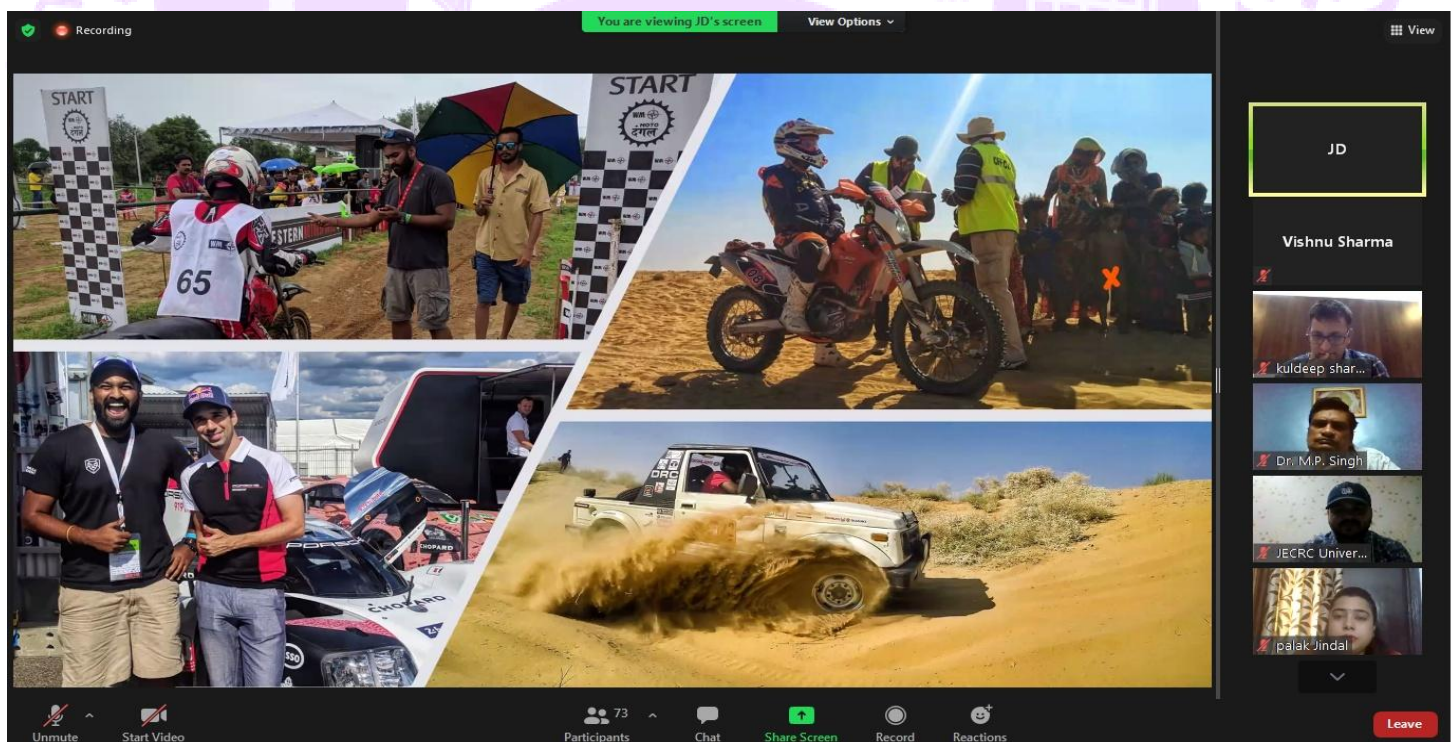
A webinar on “How Mechanical Student Make Their Career In Aerospace” was organized by Department of Mechanical Engineering (JECRC ,Jaipur) for 2nd year students of mechanical on Saturday 29th May, 2021.

Mr. Ravi yadav (Assistant Professor) were the coordinators of this webinar. & Mr. Kunal Kumar & Aman Sharma is student coordinator in webinar.

Mr. Lalit Kumar sharma (Assistant Professor) of mechanical department welcomed the resource person and participants and introduced the speaker Mr. Jayadev Nambisan with the participants.

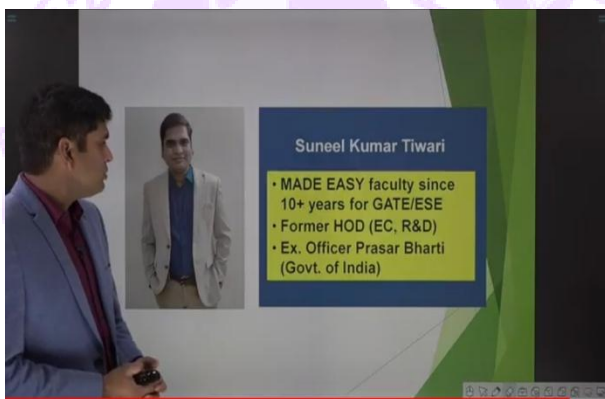
The webinar was focused on some different point of Aerospace Industry:

- How we are ready to enter in aerospace industry?
- Relation of a mechanical student with aerospace industry?
- What I do?

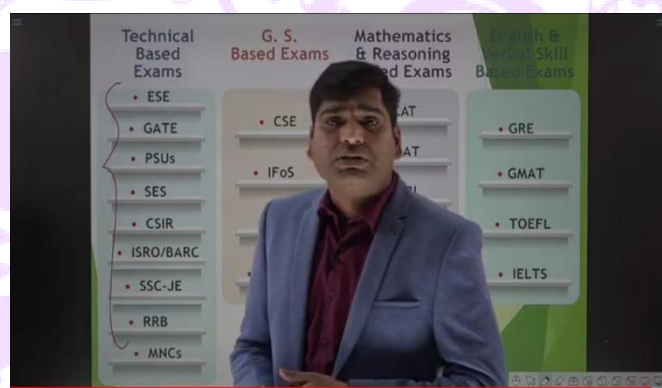


WEBINAR ON “STRATEGY TO CRACK ESE, GATE & OTHER ENGINEERING COMPETITIVE EXAMS”

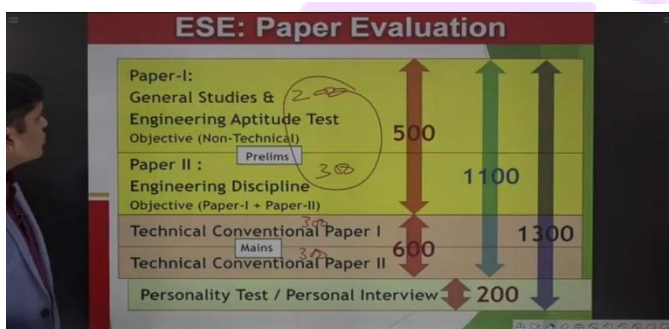
A Webinar on ‘Strategy to Crack ESE, GATE & Other Engineering Competitive Exams’ was organized by the Department of Civil Engineering, JECRC, Jaipur on 8th January 2021, at 02:00 pm, via Live session on YOUTUBE. Around 300 participants along with students, faculty members and Alumni of the Civil Engineering Department participated in this program. The objective of the session was to provide information regarding the strategy to crack ESE, GATE & Other Engineering Competitive Exams.



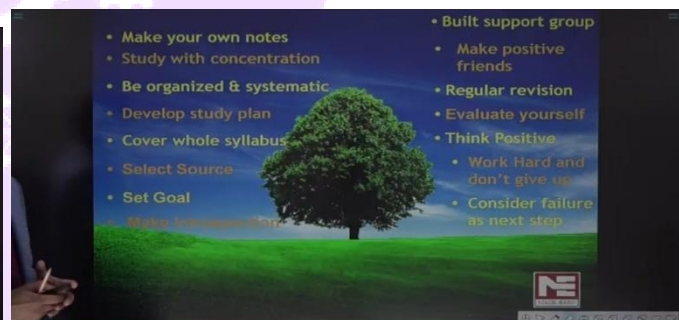
Live chat
Top chat 120



Live chat
Top chat 148



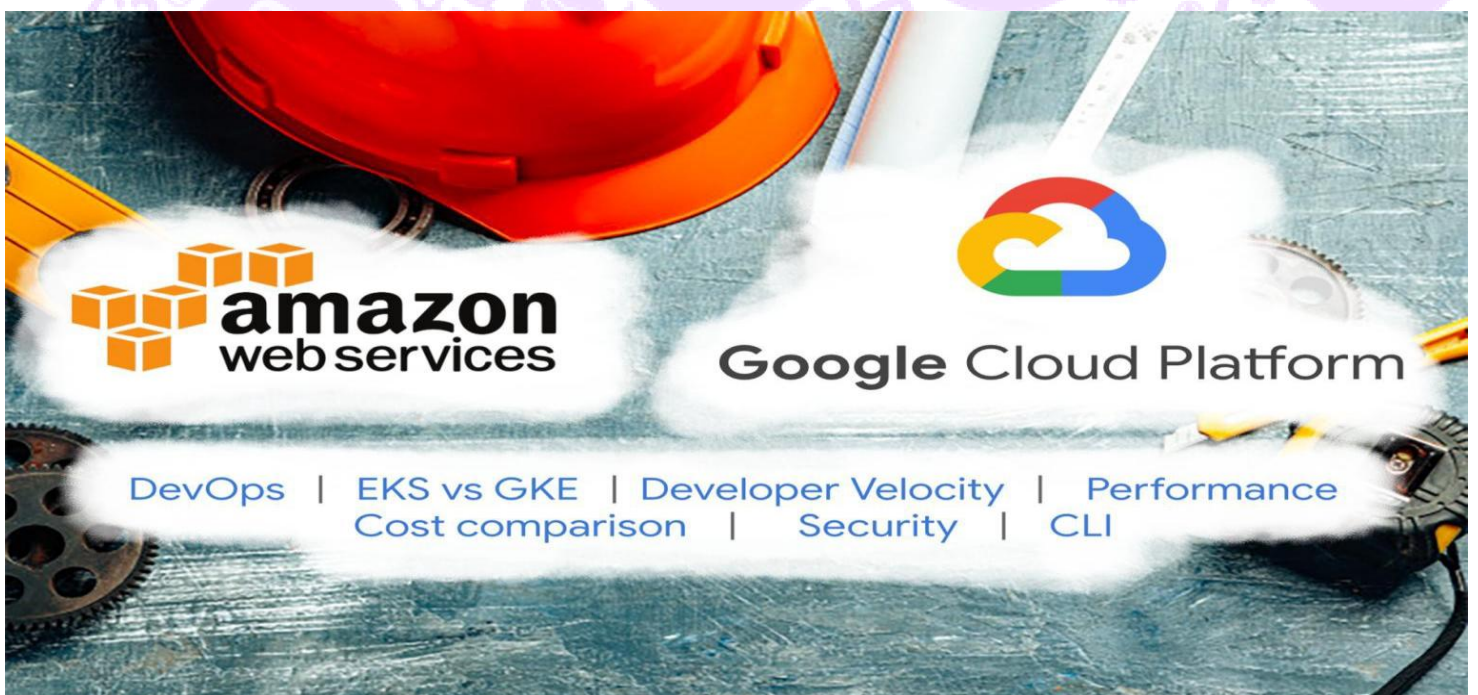
Live chat
Top chat 125



Live chat
Top chat 95

SEMINAR - CLOUD GCP CONSOLE AND AWS

One day seminar of industrial expert talk on "Cloud GCP console and AWS" was organized by the Computer Science and engineering department of JECRC on 3rd Feb.2021. Er. Kalpit Singh Founder, CEO Pulchritudinous R&D, ex - software engineer, microsoftorganiser took the hands on session on cloud GCP console, in the workshop students got acquainted with various types of cyber-attacks and how to impose securities against them. The students also learnt about cyber security threats and prevention.



H&H CONCLAVE 2021!

JECRC organised a Panel Discussion on the topic 'Entrepreneurship and Skill Development' on HR Conclave on Feb 5th-6th, 2021.

Great opportunities come to all and the secret of success in life is to be ready to grasp them when they arrive.

JECRC was proud to have wonderful speakers like Mr. Nayanava De (Software Developer Engineer Microsoft), Vijetha Shastry, Joseph Jude, Vijay Anand P S, Ruchi Ahuja, Parikshit Kochar, Prakriti Srivastava, Abhishek Arora, Rakesh Rai, Manish Kumar Anand, Niket Gupta, Mukul Choudhary, Alka Suryawanshi, Satish Malhotra, Esha Choudhary, Jyoti Sarwan, Mukesh Vyas, Rohan Kumar Sudan, Sarika Suryawanshi. The various topics covered during these sessions were the following:

Day 1 - Future of IT industry, Skill set for fresher's, A paradigm shift in campus hiring.

Day 2 - Challenges of virtual placement, Covid -19 Aftermath, Career trends post Covid. At last but not the least, JECRC family took pride in congratulating the winningteam "Starhackers" for performing extremely well in the tech.

RTU - TEQIP III SPONSORED
H&H CONCLAVE
JECRC

HR CONCLAVE SPEAKERS
5TH FEBRUARY, 2021

 VIJETHA SHASTRY EXECUTIVE DIRECTOR, TCS BANGALORE	 JOSEPH JUDE CHIEF TECHNOLOGY OFFICER, NET SOLUTIONS.	 VIJAY ANAND P S HEAD OF HUMAN RESOURCES, FACE ACADEMY
 ROHAN KUMAR SUDAN MANAGER UNIVERSITY RELATIONS, NEWGEN SOFTWARE TECHNOLOGIES LIMITED	 MUKESH VYAS FOUNDER-DIRECTOR, WINNER GROUP OF EXCELLENCE	 SARIKA SURYAWANSHI GLOBAL TALENT ACQUISITION SPECIALIST, QUALITY RIDER
 SATISH MALHOTRA MANAGER - HR, RTEL	 JYOTI SARWAN SENIOR MANAGER, ARUNVALDER	 ESHA CHOUDHARY HEAD HR, NETSOL

RTU - TEQIP III SPONSORED
H&H CONCLAVE
JECRC

HR CONCLAVE SPEAKERS
6TH FEBRUARY, 2021

 PRAKRITI SRIVASTAVA SENIOR RECRUITER, CRESS INDIA (USA WFOE)	 PARIKSHIT KOCHAR ASSTY. MANAGER, BYTES	 RUCHI AHUJA MANAGER-HUMAN RESOURCE, PIIRACE
 NIKET GUPTA HEAD - TALENT ACQUISITION GROUP, LANSOL	 MUKUL CHOUDHARY HR ASSOCIATE	 ALKA SURYAWANSHI APRILICHR, PRINCIPAL CONSULTANT
 ABHISHEK ARORA CO-FOUNDER, PERSONAL REFLECTOR	 MANISH KUMAR ANAND HEAD HR, MUNICIPAL GLOBAL EDUCATION SERVICES	 RAKESH RAI VP MARKETING, BULLS EYE, KNOWLEDGE SYSTEMS PVT LTD

WEBINAR ON "REMOTE SENSING, GIS AND DEM FOR WATER RESOURCE ASSESSMENT"

Date-21/08/2020

Topic-Remote sensing, GIS and DEM for Water Resource Assessment

Speaker-Prof. D. Nagesh Kumar

Participate Attended-315

Outcome - The session was thought provoking, helping participants to understand the applications of Remote Sensing, GIS and DEM, which provide a platform for handling, compiling and presenting large amount of data for water resources management, also giving an insight into future research in this field



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Department of Civil Engineering
Jaipur Engineering College and Research Centre, Jaipur

PRESENTS
WEBINAR ON

Remote Sensing, GIS and DEM for Water Resources Assessment

Prof. D. Nagesh Kumar

*Prof. Satish Dhawan Chair Professor
Professor, Dept. of Civil Engineering
Associate Faculty, Centre for Earth Sciences (CEaS)
Associate Faculty, Interdisciplinary Centre for Water Research (ICWaR)
Associate Faculty, Divecha Centre for Climate Change (DCCC)
Indian Institute of Science - Bangalore*



AUGUST 21,
2020

E-Certificates to all participants



Aug 21, 2020



10:45 AM

Zoom app

No Registration Fee

Meeting link will be shared with
registered participants

Registration link :

<https://forms.gle/GRdn8EeqBPoXrKzo7>

Scan for Registration



Sh. Arpit Agarwal
Vice Chairperson
JECRC Foundation



Prof. V.K. Chandna
Principal
JECRC, Jaipur



Dr. Omprakash Netula
Professor & HOD(CE)
JECRC, Jaipur



Mr. Yogesh Kumar Agarwal
Assistant Professor - Civil Engg.
JECRC, Jaipur
Contact : +91 - 9261390542, +91 - 7976187520



Mr. Pradeep Kumar Jain
Assistant Professor - Civil Engg.
JECRC, Jaipur

WEBINAR ON "IMPORTANCE OF SOFTWARE'S IN CIVIL ENGINEERING INDUSTRY"

Date-05/08/2020

Topic-Importance of software's in Civil Engineering Industry

Speaker-Er. Hitesh Lahoti

Participate Attended-218

Outcome - with the help of seminar student were aware of the software used in the civil engineering. Introduction and application was discuss carefully, got the basic information to develop a basic asset software knowledge.it help us to understand the design, project management, Execution ,etc. and to solve the problem of the participant live answering was arranged.



Department Of Civil Engineering
Jaipur Engineering College And Research Center

in association with

IEEE Antenna & propagation society (APS) Chapter-Jaipur IEEE Rajasthan
Subsection & OSA Student chapter-JECRC



present

one day webinar on

"Importance of software's in Civil Engineering Industry"

RESOURCE PERSON

Er. Hitesh Lahoti

(Director of Civil Engineering)
Software Academy, Pune

5 Aug 2020
Timing 11 am

Registration link -

<https://forms.gle/Vw5skVKm4iSPhR829>

E-certificate will be award
to the participants

Join Zoom Meeting-

[https://us02web.zoom.us/j/83508225544?](https://us02web.zoom.us/j/83508225544?pwd=ajA1NExlK2MrQ2lXeFlyZXRYcFZldz09)

pwd=ajA1NExlK2MrQ2lXeFlyZXRYcFZldz09



Moderator

Brijlata Sharma

Assistant professor
Civil department
JECRC Jaipur

WEBINAR ON “THE ARCHITECTURAL, ENGINEERING, AND CONSTRUCTION INDUSTRY AND THE FOURTH INDUSTRIAL REVOLUTION”

Date-22/10/2020

Topic-The Architectural, Engineering, and Construction Industry and the Fourth Industrial Revolution

Speaker-Professor Lucio Soibelman

Participate Attended-310

Outcome -The outcome of the session was that participants got aware about the architectural, engineering, and construction industry is responsible for the design construction, operation, and decommission of buildings and other facilities, transportation infrastructure, telecommunication networks, the power grid, water distribution and wastewater collection systems among many other important and complex systems.



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

INTERNATIONAL WEBINAR

OCTOBER 22, 2020

08:15 AM (IST)

Department of Civil Engineering
Jaipur Engineering College and Research Centre, Jaipur

PRESENTS

INTERNATIONAL WEBINAR
ON

The Architectural, Engineering and Construction Industry
and the Fourth Industrial Revolution



Professor Lucio Soibelman
Professor, Civil and Environmental Engineering
University of Southern California
Los Angeles, California - United States
(Ph.D. - Massachusetts Institute of Technology,
Cambridge, United State)



Sh. Arpit Agarwal
Vice Chairperson
JECRC Foundation



Prof. V.K. Chandna
Principal
JECRC, Jaipur



Dr. Omprakash Netula
Professor & HOD(CE)
JECRC, Jaipur



Mr. Yogesh Kumar Agarwal
Assistant Professor - Civil Engg.
JECRC, Jaipur



Mr. Pradeep Kumar Jain
Assistant Professor - Civil Engg.
JECRC, Jaipur

No Registration Fee

E-Certificates to all participants

Meeting link will be shared with registered participants

Scan for Registration

Contact Details :

Yogesh Kumar Agarwal : +91- 9261390542

Pradeep Kumar Jain : +91- 7976187520

Registration link :

<https://forms.gle/GRdn8EqgBPoXrKzo7>

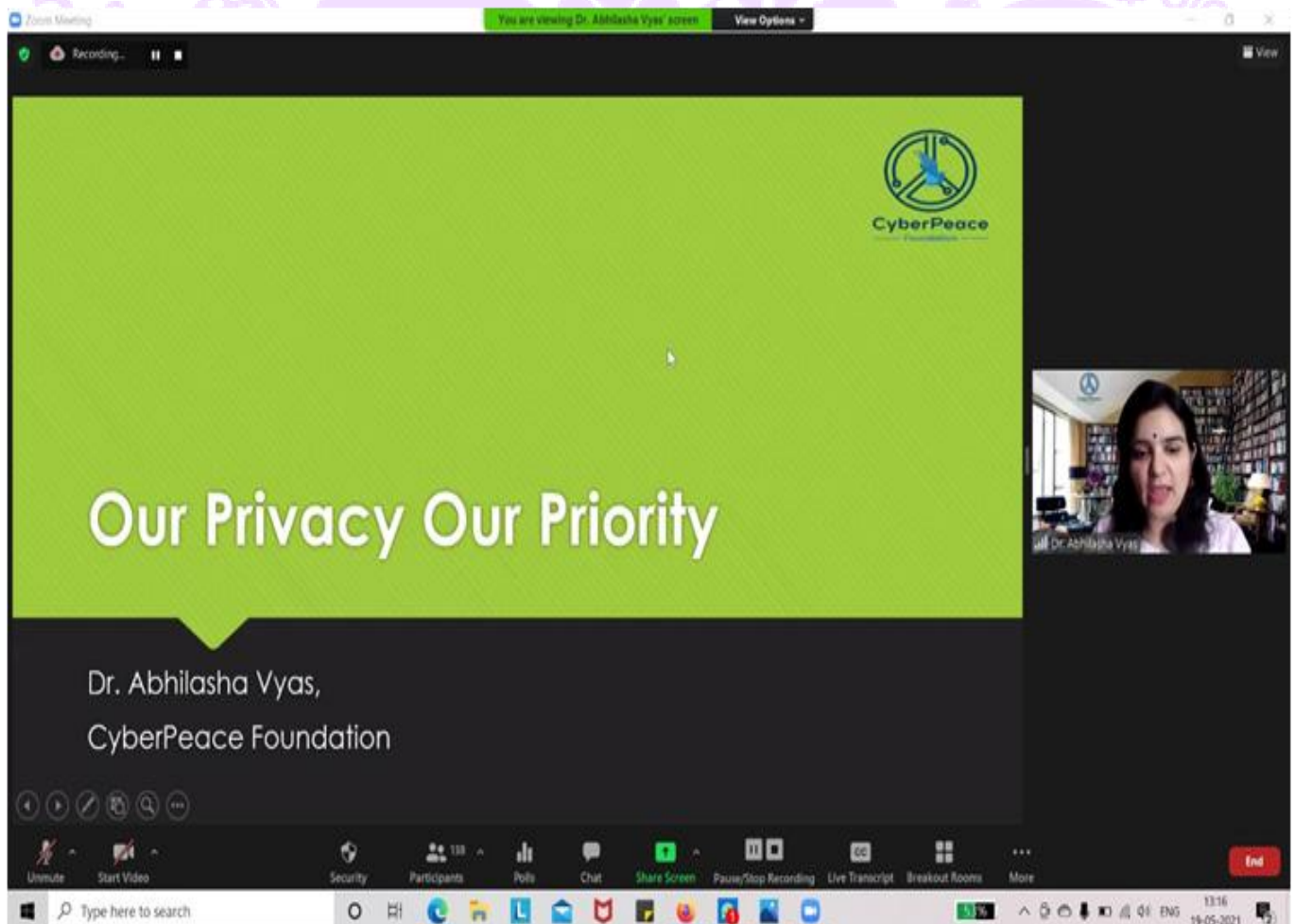


EXPERT LECTURES/INVITED TALK/SEMINAR

EXPERT TALK ON THE TOPIC “OUR PRIVACY: OUR PRIORITY”

The department of Computer Science & Engineering, JECRC aims at developing the technical skills among students. To accomplish this department has planned a series of activities in the Lockdown period of April- June 21 In this line an expert talk was organized on the topic “Our Privacy: Our Priority” on 19th May 2021. The speaker of the talk was Dr. Abhilasha Vyas, Senior Manager, Academic Initiative, CyberPeace Foundation. She is member of executive committee, Women in Big Data (WiBD) India Chapter. Her research area is Cyber Security and Detection of DDoS attacks. Dr. Abhilasha is AWS Cloud Solution Architect certified trainer

The event started with the introduction of JECRC, Department of CSE, JECRC and speaker by Ms. Manju Vyas, Asst. Prof & co-ordinator of the event. She talked about the relevance of the topic & legacies of JECRC.



The screenshot displays a Zoom meeting interface. At the top, it indicates "Zoom Meeting" and "You are viewing Dr. Abhilasha Vyas' screen". The main content is a presentation slide with a green background. The slide features the CyberPeace logo in the top right corner and the title "Our Privacy Our Priority" in large white text. Below the title, the speaker's name "Dr. Abhilasha Vyas," and affiliation "CyberPeace Foundation" are listed. A small video inset in the bottom right corner shows Dr. Abhilasha Vyas speaking. The Zoom control bar at the bottom includes options like "Unmute", "Start Video", "Security", "Participants", "Polls", "Chat", "Share Screen", "Pause/Stop Recording", "Live Transcript", "Breakout Rooms", and "More". The system tray at the very bottom shows the date and time as "19-05-2021 13:16".

EXPERT TALK ON APACHE SPARK BY DEPT.OF COMPUTER SCIENCE

The department always try to keep its students updated and help them in every possible way and in order to maintain this the session on apache spark was organized, which was started at 3:00 PM by welcoming of the guest Mrs. Leena Sajnani, she started the talk by explaining Hadoop as an open-source software framework for storing data and running applications on clusters of commodity hardware which provides massive storage for any kind of data, enormous processing power and the ability to handle virtually limitless concurrent tasks or jobs and then talking about how hadoop is useful in its ability.

To store and process huge amounts of any kind of data, quickly. With data volumes and varieties constantly in- creasing, especially from social media and the Internet of Thing, that's a key consideration.

Computing power: of Hadoop's distributed computing model processes big data fast. The more computing nodes you use the more processing power you have.

Fault tolerance: Data and application processing are protected against hardware failure. If a node goes down, jobs are automatically redirected to other nodes to make sure the distributed computing does not fail. Multiple copies of all data are stored automatically.

Flexibility: Unlike traditional relational databases, you don't have to preprocess data before storing it. You can store as much data as you want and decide how to use it later. That includes unstructured data like text, images and videos.

Low cost: The open-source framework is free and uses commodity hardware to store large quantities of data. Scalability: You can easily grow your system to handle more data simply by adding nodes. Little administration is required.



Mrs. Leena Sajnani
Senior System Analyst,
Saama Technologies Pvt.
Ltd.



EXPERT TALK GRID SYSTEM IN INDIA

Department of Electrical Engineering of Jaipur Engineering College & Research Centre (JECRC), Jaipur organized an EXPERT TALK on "Grid System in India" on 14th of May 2021.

The poster features a dark blue background with a glowing circuit board pattern. At the top left is the JECRC logo. At the top right is the Jaipur Engineering College and Research Centre logo. The central text reads: 'Department of ELECTRICAL ENGINEERING, Jaipur Engineering College and Research Centre, Jaipur presents WEBINAR on "GRID SYSTEM IN INDIA"'. Below this, it identifies the speaker as 'ESTEEMED SPEAKER MR V. KARTHIK (IES), ASST. DIRECTOR IN WRPC, CEA, MINISTRY OF POWER'. A portrait of Mr. Karthik is shown in a white-bordered frame. At the bottom, there is a navigation bar with icons for a calendar, a clock, a location pin, and a QR code, followed by the text '14 May, 2021 | 11:00AM to 1:00PM | Zoom | SCAN HERE TO REGISTER'.

JECRC Foundation

Department of ELECTRICAL ENGINEERING
Jaipur Engineering College and Research Centre, Jaipur
presents WEBINAR on
"GRID SYSTEM IN INDIA"

ESTEEMED SPEAKER
MR V. KARTHIK (IES)
ASST. DIRECTOR IN WRPC, CEA,
MINISTRY OF POWER

14 May, 2021 | 11:00AM to 1:00PM | Zoom | SCAN HERE TO REGISTER

Glimpse of Expert Lecture:

Zoom Meeting | May 14 12:18:31 PM | 34°C | 2.86GHz | 91.3Mbit | 5.73Mbit

Recording | You are viewing KARTHIK, IES's screen

Evolution of the Grid

**Changing load profile
Integration of Renewables
Need for Flexible Systems**

Pre 1991:
Five Regional Grids - Five frequencies

October 1991:
East and Northeast synchronized.
Merchant Power

March 2003:
West synchronized with East & Northeast
Electricity Act, 2003, Open Access

August 2004:
North synchronized with Central Grid
Merging of Markets, Power Exchanges

Dec 2013:
All India Synchronized Grid.
Addition of large 500 MW & above gen. units and 765 kV trans. Lines, Ultra Mega Power Projects

Map not to scale

KARTHIK, IES

Zoom Meeting | May 14 12:31:09 PM | 35°C | 3.06GHz | 54.8Mbit | 2.73Mbit

Recording | You are viewing KARTHIK, IES's screen

Structure of Indian Electricity Sector

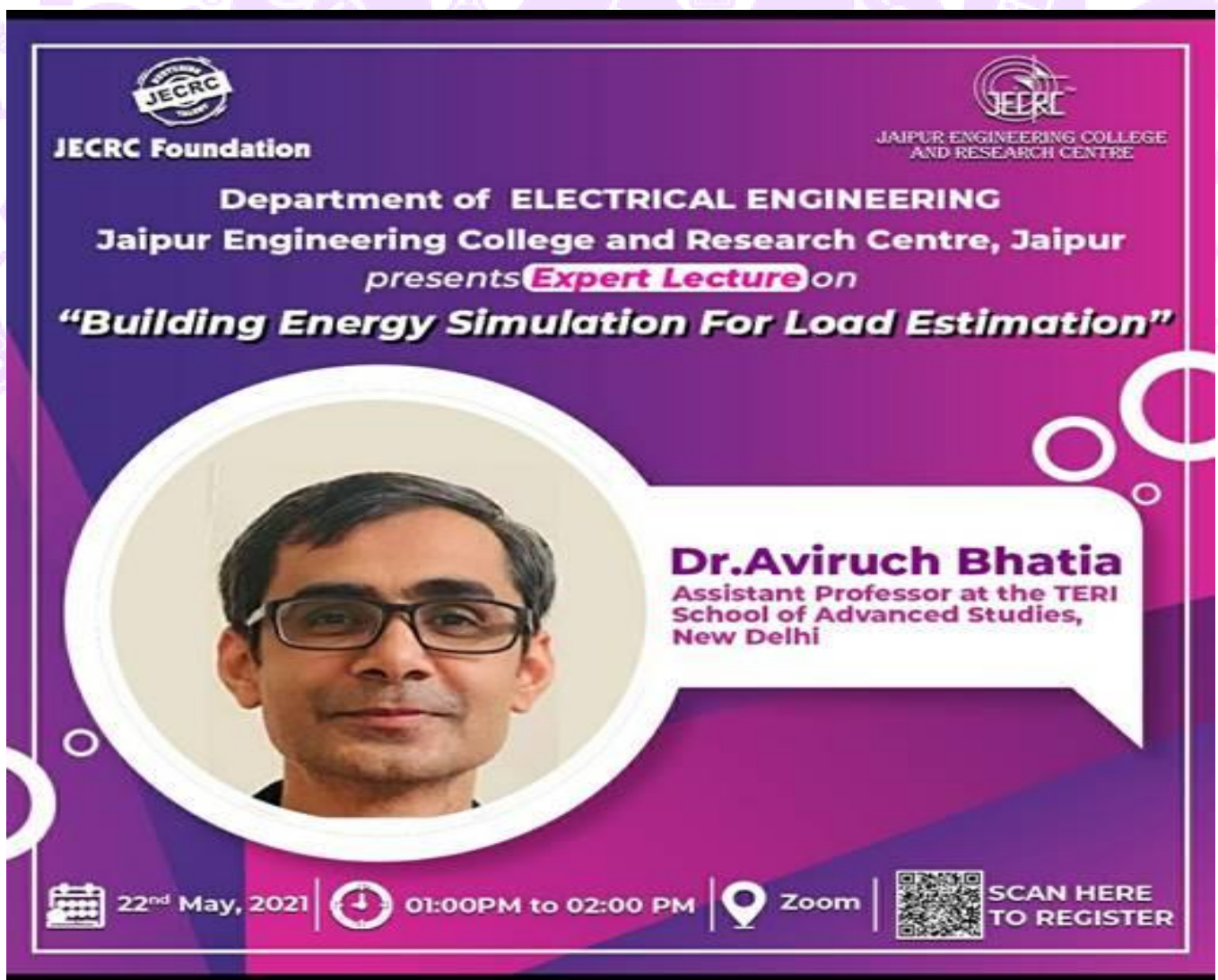
Policy Making	Central Government	CEA	State Government
Regulators	Central Electricity Regulatory Commission		State Electricity Regulatory Commission
System Operators	National Load Despatch Centre	Regional Load Despatch Centres	State Load Despatch Centres
Generation	Central Generating Stations	State Generating Stations	Private Sector Players
Transmission	Central Transmission Utility	State Transmission Utilities	Private Sector Players
Distribution	State Sector Distribution Licensee		Private Sector Distribution Licensee
Markets	Trading Licensee	Power Exchanges	Bilateral Markets

KARTHIK, IES

EXPERT LECTURE BUILDING ENERGY SIMULATION FOR LOAD ESTIMATION

The Department of Electrical Engineering is organized an Expert Lecture to familiarize students of Electrical Engineering with new concepts of Energy Conservation Measures on 22nd of May 2021.

Topic: Building Energy Simulation for Load Estimation




The poster features a purple and pink background with a white circular portrait of Dr. Aviruch Bhatia. The text is arranged in a structured layout, starting with the JECRC Foundation and Jaipur Engineering College logos, followed by the department name and the event title. The speaker's name and affiliation are highlighted in a white speech bubble. At the bottom, there is a row of icons for the date, time, location, and a QR code for registration.

JECRC Foundation

JECRC
JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Department of **ELECTRICAL ENGINEERING**
Jaipur Engineering College and Research Centre, Jaipur
presents **Expert Lecture** on
“Building Energy Simulation For Load Estimation”

Dr. Aviruch Bhatia
Assistant Professor at the TERI
School of Advanced Studies,
New Delhi

22nd May, 2021 | 01:00PM to 02:00 PM | Zoom |  SCAN HERE TO REGISTER

Glimpse of Expert Lecture:

Building Energy Simulation

Weather Data *3, Hourly*

Description

- Physical data
- Design parameters

Simulation Tool (computer program)

Simulation Outputs

- Energy consumption (kWh)
- Energy demands (kW)
- Environmental conditions

Aviruch Bhatia

Internal Gains

Lighting Data Input Method: Power Definition

Power Density (W/m ²)	Power (kW)	Lighting Type	Schedule	Light to Space (ratio)	Light to Adj. Spc (ratio)	Light to Return (ratio)	Rad T Th. Spc
100	1000	Sun Floor	PROJECT INT LIGHT SC	1.00	0.00		
100	1000	Sun Floor	undefined	100%	100%	100%	
100	1000	Sun Floor	100%	100%	100%	100%	
100	1000	Sun Floor	100%	100%	100%	100%	
100	1000	Sun Floor	100%	100%	100%	100%	

100m² 1000W

$\frac{1000W}{100m^2} = 10W/m^2$

Aviruch Bhatia

EXPERT LECTURE BEST FUTURE CAREER PATH FOR ENGINEERING STUDENTS- ALL THE CUTTING EDGE TECHNOLOGIES

The Department of Electrical Engineering is organized an Expert lecture for students of Electrical Engineering to get to know various ventures after graduation on 24th of May 2021.

A promotional poster for an expert lecture. The background features a black and white portrait of a man, Mr. Sakar Mattoo, looking directly at the camera. The text is overlaid on the left side of the image. At the top left is the JECRC Foundation logo. At the top right is the JECRC Jaipur Engineering College and Research Centre logo. The main text describes the lecture topic and the speaker. At the bottom, it provides the date, time, and platform (Zoom) for the event, along with a QR code for registration.

 **JECRC Foundation**

 **JECRC**
JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Department of **ELECTRICAL ENGINEERING**
Jaipur Engineering College and Research Centre
presents **Expert Lecture** on

Best future career paths for engineering students-all the cutting edge technologies

WITH
Mr. Sakar Mattoo
Project Manager, Infosys Pvt Ltd.

Faculty Coordinator:
- Sonali Chadha
- L.Senthil

 24 May, 2021 |  04:00 PM to 5:00 PM |  Zoom |  **SCAN HERE TO REGISTER**

Glimpse of Expert Lectures

Top Electrical Trends

- Smart Grid Technology – Digital, Self Monitoring, Distributed generation, Peak load, outage and power quality mgmt.
- Smart Metering (AMI and AMR)
- Wireless Transmission
- Renewable Energy Technology
- Electric Vehicle – Motor, Battery, Reducer, Inverter
- Automation – Home and Enterprise Electric appliances – IOT
- 3D Printing and smart sensors
- Building Automaton
- IoT- SCADA systems
- Illumination systems – Public Lighting

*Within Electrical engineering domain



Microsoft Excel interface showing a regression analysis for 'hours spent on social media'.

Independent variable	Dependent variable
Hours spent on social media	Salary (Kilob)
10	2
20	3
30	4
40	5
50	6
60	7
70	8
80	9
90	10
100	11

Regression equation: $y = 0.0001x + 0.0001$
 $R^2 = 0.100$

Video player controls at the bottom show a timestamp of 01:17:17 / 01:43:02 and a speed control.



GOOGLE CLOUD COMPUTING FOUNDATION PROGRAM

Google Cloud Computing Foundations Program aims to provide students a detailed overview of concepts covering cloud basics, big data, and machine learning. The course involves understanding concepts and performing hands-on training (via Qwiklabs platform) to practice the learning.



The image is a promotional poster for the Google Cloud Computing Foundation Program. It features a light blue background with a grid of 12 circular portraits of faculty members. At the top, there are logos for JECRC Foundation, Google Cloud, and Jaipur Engineering College and Research Centre. The text in the center identifies the program and lists the faculty coordinators with their names and titles.

JECRC Foundation **Google Cloud** **JECRC**
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Jaipur Engineering College and Research Centre , Jaipur
Department of Computer Science and Engineering

Google Cloud Computing Foundation Program
Faculty Coordinators

 Dr. Vijeta Kumawat Associate Professor GCCF-Program Coordinator	 Ms. Neha Solanki Assistant Professor	 Mr. Pradeep Sharma Assistant Professor	 Ms. Geerija Lavania Assistant Professor
 Ms. Suniti Chouhan Assistant Professor	 Mr. Abhishek Jain Assistant Professor	 Ms. Deepika Bansal Assistant Professor	 Ms. Sweety Singhal Assistant Professor
 Ms. Preeti Sharma Assistant Professor	 Mr. Brijesh Kumar Singh Assistant Professor	 Ms. Tanya Shruti Assistant Professor	 Ms. Shikha Shrivastav Assistant Professor

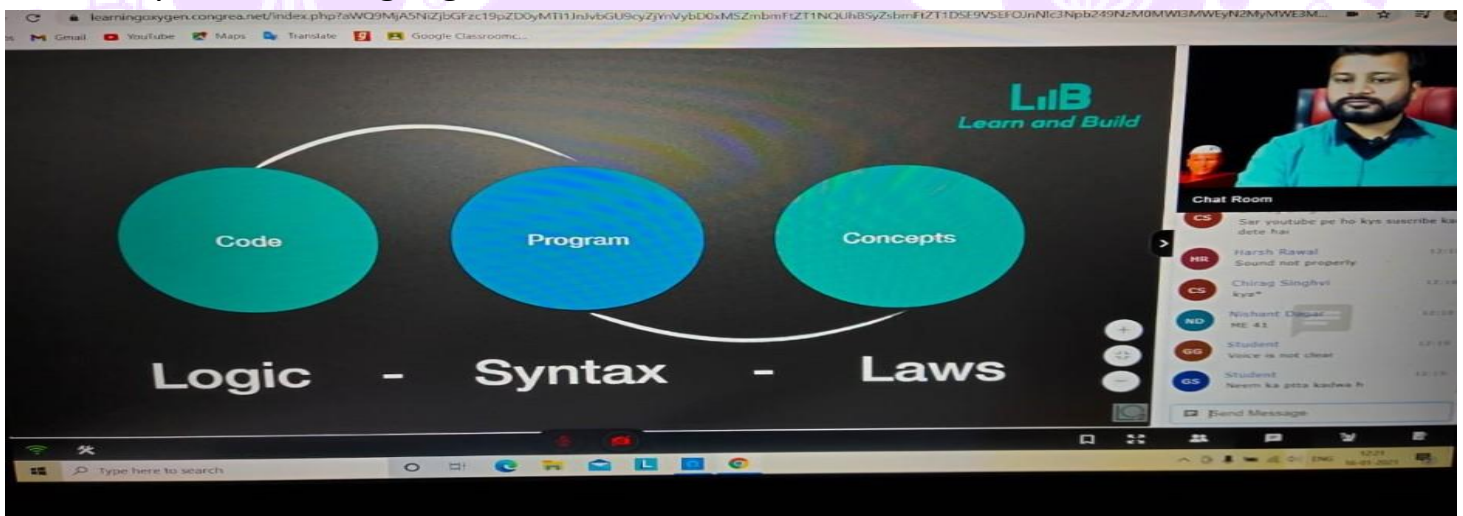


A WEBINAR ON EXPERIENCE THE MAGIC OF C PROGRAMMING

To educate students on the various applications of C and discuss its importance, a virtual masterclass on the topic “Experience the Magic of C Programming” was conducted for the B. Tech first year students by the Department of Applied Sciences in collaboration with Learn & Build (LnB) powered by TechieNest Pvt. Ltd. on January 16, 2021.

A total of 425 students registered for class with Ms. Yogita Punjabi acting as the event coordinator.

The importance of C was highlighted during the session and its wide applications of C in different field such as Robotics, Artificial Intelligence, Machine Learning, Deep learning etc. were discussed. An interesting point used by the experts for underlining the importance of C was that it's the only programming language that has existed for such a long period and is still widely used thus making it as one of the most profound language.



MASTER CLASS ON SOCIAL ENGINEERING BY DEPT OF COMPUTER SCIENCE

The session was being started at 3:30 PM by welcoming of guests Mr. Shubham Gautam by Mrs. Anima Sharma. Speaker started the talk by introducing the students about what actually Social engineering is and how Cyber Security plays a crucial role in this. He explained that Social engineering is the art of manipulating people so they give up confidential information. The types of information these criminals are seeking can vary, but when individuals are targeted the criminals are usually trying to trick you into giving them your passwords or bank information, or access your computer to secretly install malicious software that will give them access to your passwords and bank information as well as giving them control over your computer.

Criminals use social engineering tactics because it is usually easier to exploit your natural inclination to trust than it is to discover ways to hack your software. For example, it is much easier to fool someone into giving you their password than it is for you to try hacking their password (unless the password is really weak). He discussed with students about various types of cyber security traits and the solutions to prevent them. He explained how psychological manipulation is related to social engineering and the biggest threat to cyber space by some videos and real life examples.



Mr. Shubham Gautam
Cyber Security
Professional

ALIBABA CLOUD DEVELOPER CIRCLE COMPETITION

Alibaba cloud conducted a campaign named alibaba cloud developer circle where Mehul Kulshrestha, 4CSD achieved 1st position and won the First Prize in the Alibaba Cloud Developer Circle 2021 among all participants in India. He has been rewarded USD 2000 cash Prize, USD 2000 Alibaba Credits, Customized Merchandise and Winner Certificate and Reference Letter. He developed a E-commerce website which was based on cloud computing under the guidance of Dr. Vijeta Kuma



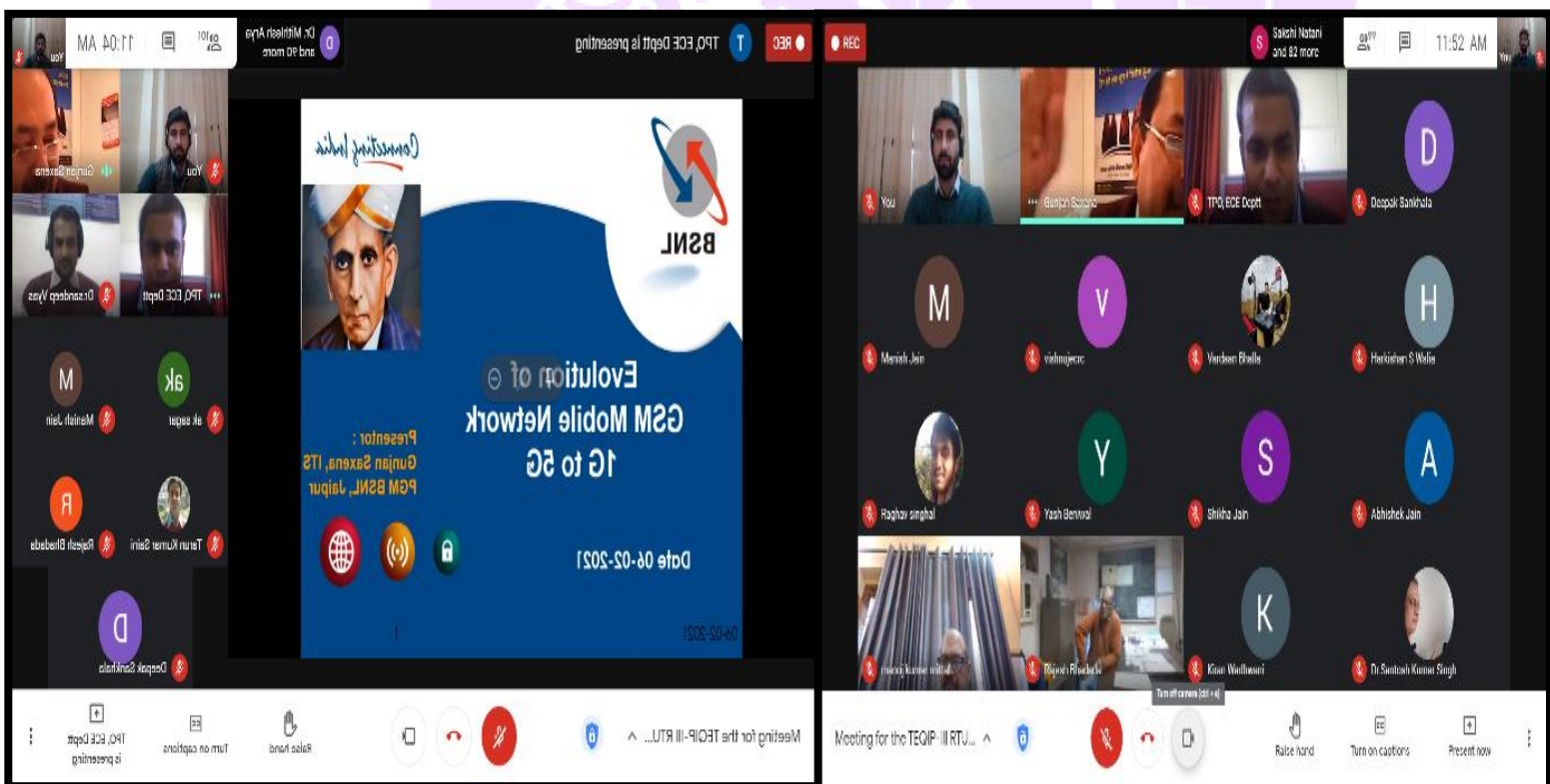
Competition Overview

Alibaba Cloud Developer Circle is a virtual website-building competition for professionals and students from developing fields in India, organized by Alibaba Cloud and IndiaSpark. Participants are asked to build a web solution with Alibaba Cloud Elastic Compute Service (ECS), Object Storage Service (OSS) and other key products.

EXPERT TALK ON “EVOLUTION OF GSM MOBILE NETWORK-1G TO 5G”

RTU (ATU)TEQIP-III has organized an Industry Expert Talk on “Evolution of GSM Mobile Network-1G to 5G”, in association with Rajasthan Technical University Kota and Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur on 06/02/2021 through Google Meet. All registered participants received E-certificates after the end of session and submitted feedback form. The event was coordinated by Dr. Sandeep Vyas, (Host Institute Coordinator) HoD, ECE, department, JECRC Jaipur, Prof. Dhirenda Mathur, Coordinator, TEQIP-III, RTU Kota, Rajasthan and Dr. Lata Gidwani, RTU Expert Lecture Coordinator. The invited speaker for this event is Er. Gunjan Saxena, Principal General Manager, BSNL Jaipur-India.

The session was witnessed by 293+ attendees including many staff members and students. The outcome of the event was- Different technologies aspect for all different generation of mobile communications, How life changes by using mobile network 1G to 5G, Effect of mobile radiation over human body and different standards governed by GOI to manage the radiation, Working culture of BSNL Telecommunication and its future plan.





Feb.
06,
2021

TEQIP-III (ATU) SPONSORED ONE DAY INDUSTRY EXPERT TALK
ON

“Evolution of GSM Mobile Network - 1G to 5G”

JOINTLY ORGANIZED BY

Rajasthan Technical University, Kota
&
Jaipur Engineering College and Research Centre, Jaipur

Feb. 06, 2021

Resource Person
Er. Gunjan Saxena
Principal General Manager
BSNL Jaipur-India



Scan to Register



11.00-12.00 PM
6/02/2021

E-certificate will be awarded to the participants who attend the webinar.

Targeted Audience:

**UG/PG/PhD Students,
Researchers, Academicians,
Industry Person**

11-12.00 PM, Saturday, 06 Feb., 2020

Platform: Google Meet

No Registration fee required.

Registration Link:

<https://forms.gle/CTUXci5Ktqw6IBQ5A>



Prof. R A Gupta
Hon'ble Vice Chancellor
RTU, Kota (Rajasthan)



Prof. V K Chaudha
Principal
JECRC Jaipur



Prof. Dhirenda Mathur
Coordinator, TEQIP-III
RTU Kota, Rajasthan



Dr. Lata Gidwani
RTU Expert
Lecture Coordinator



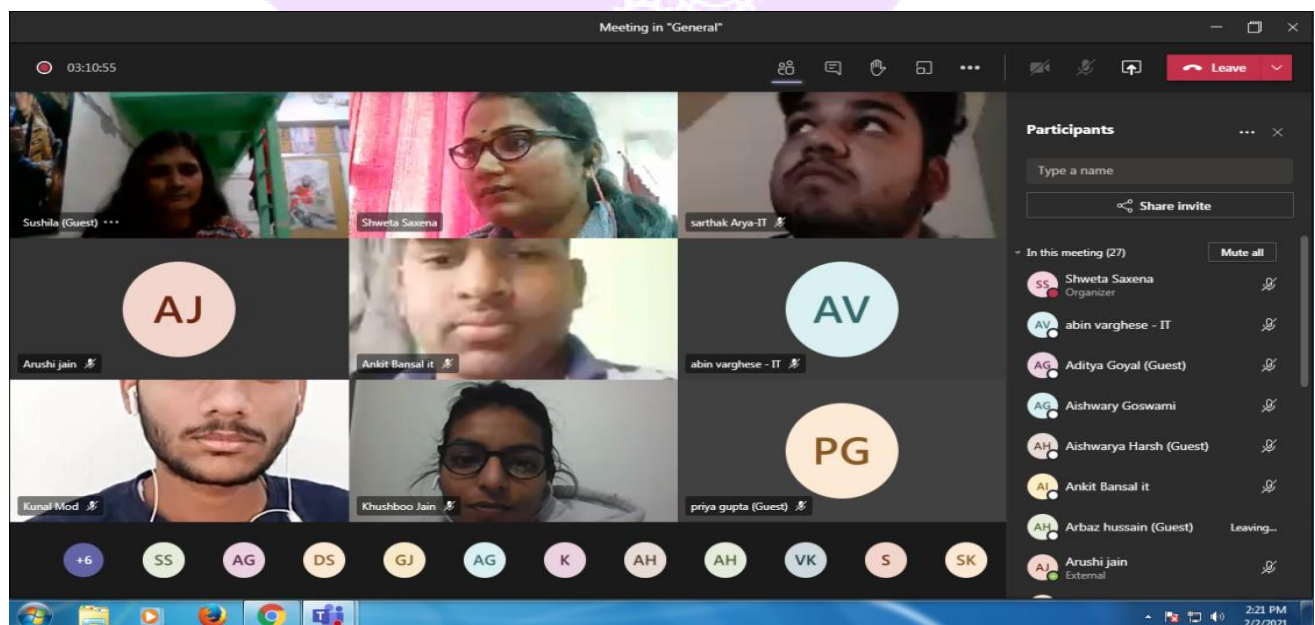
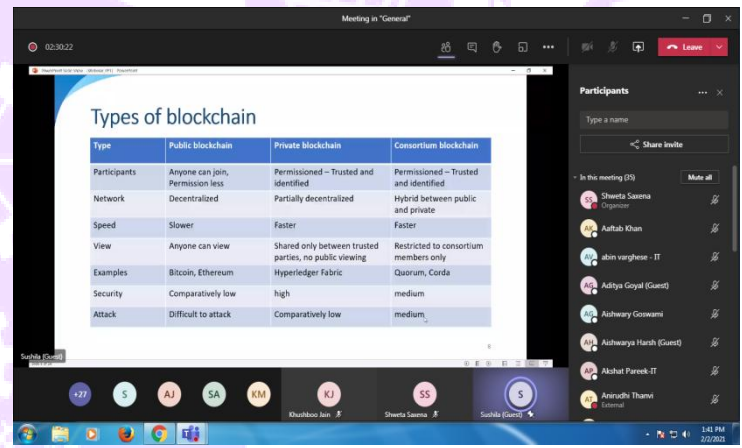
Prof. Sandeep Vyas
HOD-ECE
Host Institute Coordinator
JECRC Jaipur

GUEST LECTURE ON BLOCKCHAIN TECHNOLOGY AND EMERGING OPPORTUNITIES”

The IT department of Jaipur Engineering College and Research Centre organized Guest Lecture on “BLOCKCHAIN TECHNOLOGY AND EMERGING OPPORTUNITIES”, on February 2, 2021 , through on-line mode. Guest speaker was Ms. Sushila Dhaka, PhD Scholar @NCTU (Taiwan)

At the starting of the session, Ms Sushila Dhaka introduced all the students about "Block chain Technology".

She has also discussed about the features of Block chain. Such as Decentralization, Immutability, Better security, Consensus,Public blockchain,Private Blockchain,Consortium blockchain, Hybrid Block chain, at the end of the session she has discussed real life use cases of Block Chain.



EXPERT TALK ON “IDENTIFY BRAND FOR IP PROTECTION”

The IT department of Jaipur Engineering College and Research Centre organized an expert talk on “IDENTIFY BRAND FOR IP PROTECTION”, on February 5, 2021, through on-line mode. Ms. Swati Mittal, IP Attorney & Founder of Intellilocus IP Services, delivered expert talk on IP Protection with all students.

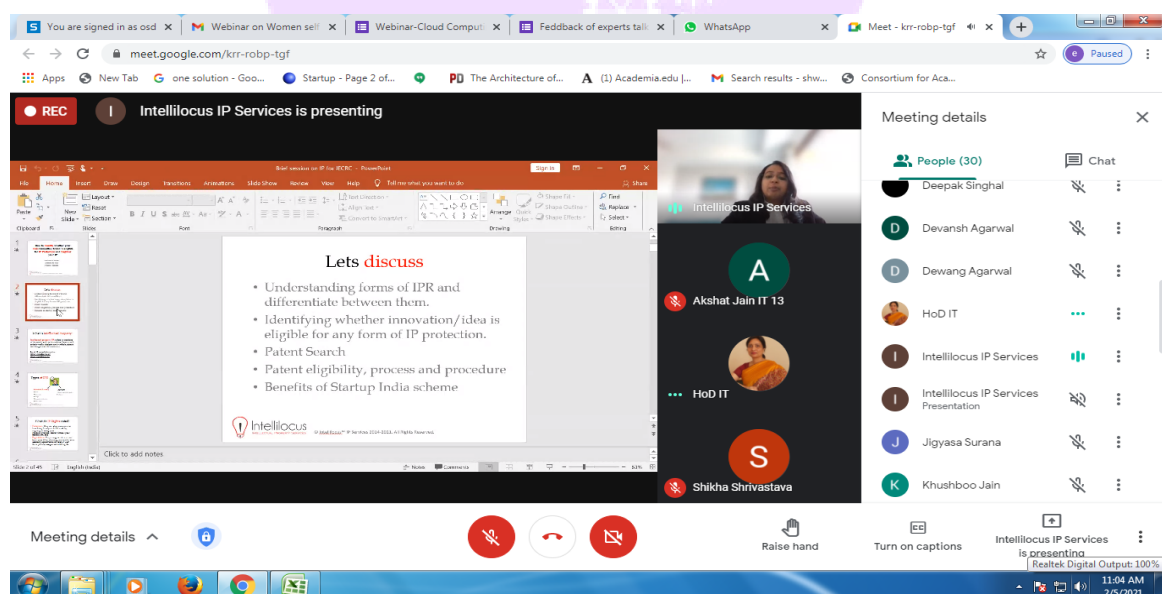
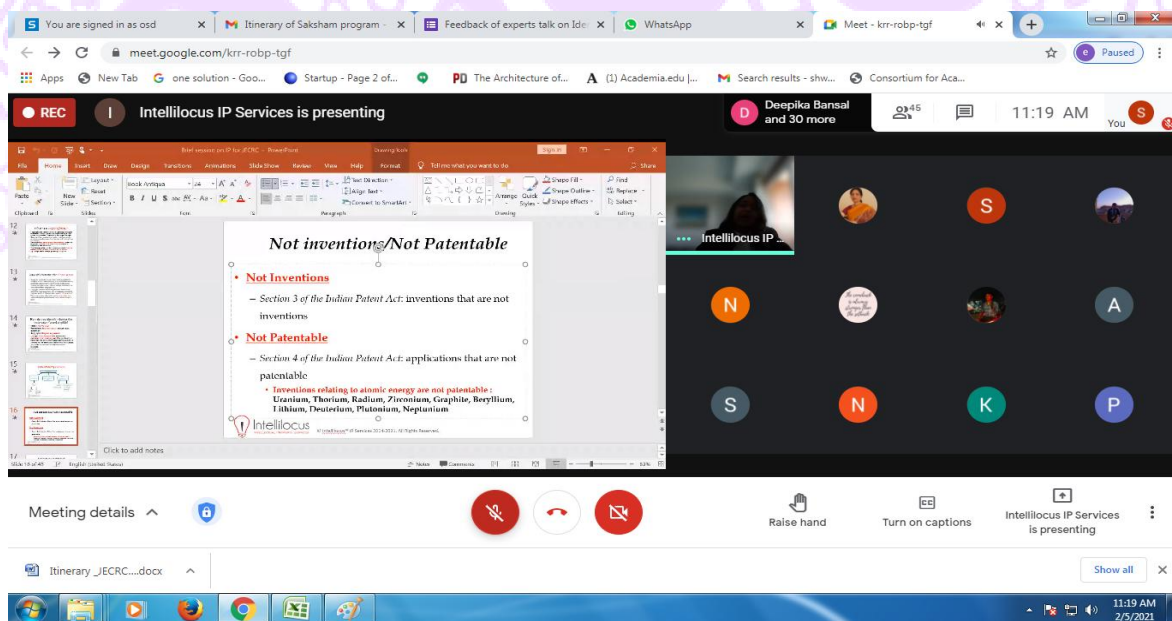
She has discussed various topics such as :

What is Patent?

Why Patent is required?

How to get Patent?

What are the advantages of filling Patent?



WEBINAR ON “RISE OF ARTIFICIAL INTELLIGENCE AND IMPACT ON INDUSTRIAL AND SOCIAL FABRIC “

The session started at 11:30 am by welcoming the guest Mr. Kundana Lal (The president and coo at vitti research foundation) . He started the session by introducing “What is actually ARTIFICIAL INTELLIGENCE”? He said that Artificial intelligence (AI) is a wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. ... It is the endeavor to replicate or simulate human intelligence in machines.

He further explained that artificial intelligence is all around us i.e. the way we travel, the way we do business, the way we socialize, the way we do politics and the way we shop. The main aim of artificial intelligence is to change the culture from “SHOP AND SHIP” TO “SHIP AND SHOP”.

11:41 AM 83.3KB/s

REC

The slide titled "AI All Around Us" features a central circle labeled "Five AI is changing the world" surrounded by five callouts:

- The way we travel:** AI is used in navigation systems to find the shortest route and in autonomous vehicles.
- The way we do business:** AI is used in fraud detection, customer service chatbots, and supply chain optimization.
- The way we socialize:** AI is used in social media algorithms to recommend content and in virtual assistants.
- The way we do politics:** AI is used in data analysis to predict election outcomes and in targeted advertising.
- The way we shop:** AI is used in recommendation engines to suggest products and in personalized marketing.

kundanlal's screen

12:00 PM 95.2KB/s

REC

The slide titled "AI Today's Paradigm" includes a diagram of Machine Learning types and a bar chart comparing human knowledge to AI.

Machine Learning Types:

- Supervised Learning:** Classification, Regression, Recommendation Systems, Fraud Detection, Spam Filtering, Ad Targeting, Sentiment Analysis, Image Classification, Video Classification, Speech Recognition, Text Classification, Image Captioning, Image Search, Image Recommendation, Image Generation, Image Segmentation, Image Denoising, Image Inpainting, Image Super-Resolution, Image Style Transfer, Image-to-Image Translation, Image-to-Text Translation, Text-to-Image Translation, Text-to-Text Translation, Text-to-Speech Translation, Speech-to-Text Translation, Text-to-Speech Translation, Speech-to-Speech Translation, Text-to-Speech Translation, Speech-to-Speech Translation.
- Unsupervised Learning:** Clustering, Association, Outlier Detection, Dimensionality Reduction, Anomaly Detection, Recommendation Systems, Fraud Detection, Spam Filtering, Ad Targeting, Sentiment Analysis, Image Classification, Video Classification, Speech Recognition, Text Classification, Image Captioning, Image Search, Image Recommendation, Image Generation, Image Segmentation, Image Denoising, Image Inpainting, Image Super-Resolution, Image Style Transfer, Image-to-Image Translation, Image-to-Text Translation, Text-to-Image Translation, Text-to-Text Translation, Text-to-Speech Translation, Speech-to-Text Translation, Text-to-Speech Translation, Speech-to-Speech Translation.
- Reinforcement Learning:** Game Playing, Robotics, Recommendation Systems, Fraud Detection, Spam Filtering, Ad Targeting, Sentiment Analysis, Image Classification, Video Classification, Speech Recognition, Text Classification, Image Captioning, Image Search, Image Recommendation, Image Generation, Image Segmentation, Image Denoising, Image Inpainting, Image Super-Resolution, Image Style Transfer, Image-to-Image Translation, Image-to-Text Translation, Text-to-Image Translation, Text-to-Text Translation, Text-to-Speech Translation, Speech-to-Text Translation, Text-to-Speech Translation, Speech-to-Speech Translation.

3,000 years of human knowledge in 48 days:

Year	Human Knowledge (in days)	AI Knowledge (in days)
1950	3,000	0
1960	3,000	1
1970	3,000	2
1980	3,000	3
1990	3,000	4
2000	3,000	5
2010	3,000	6
2020	3,000	7
2030	3,000	8
2040	3,000	9
2050	3,000	10
2060	3,000	11
2070	3,000	12
2080	3,000	13
2090	3,000	14
2100	3,000	15

kundanlal's screen

WEBINAR ON “PROJECT DEVELOPMENT USING SCRUM FRAMEWORK”

The session started at 7:00pm by welcoming the guest “Ms.ShwetaMathur”(Project Manager atWIPRO LIMITED,U.S.A). Ms. Shweta commence the session by discussing about the qualities required to be a successful project manager.

Project Management requires the following skills:

GOAL SETTING

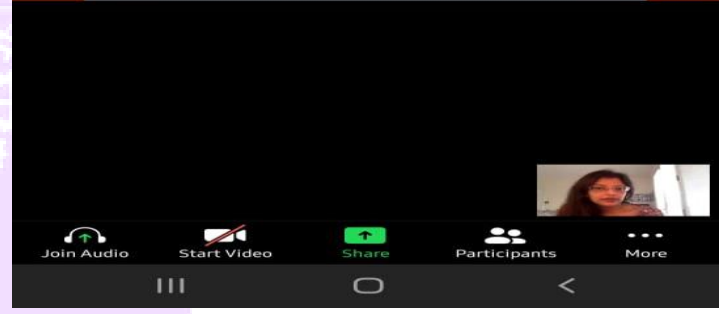
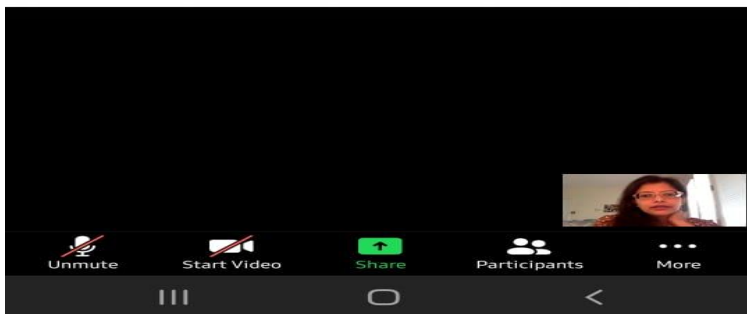
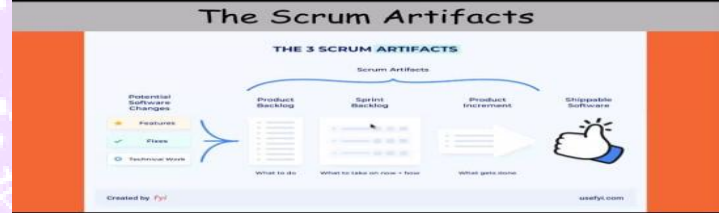
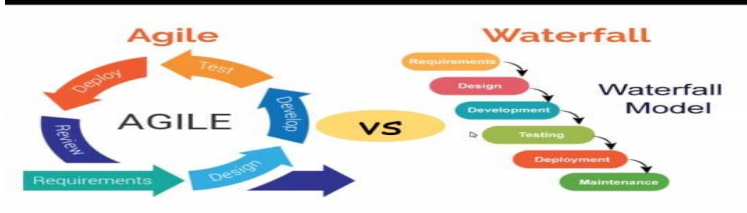
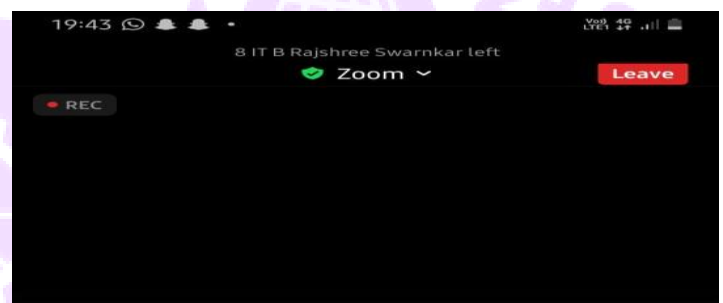
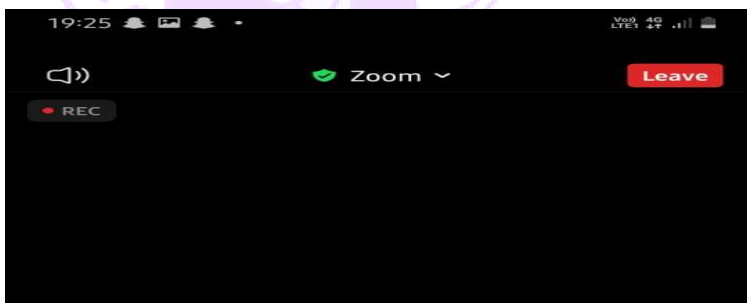
INITIATE

PLAN

PRIORITISE

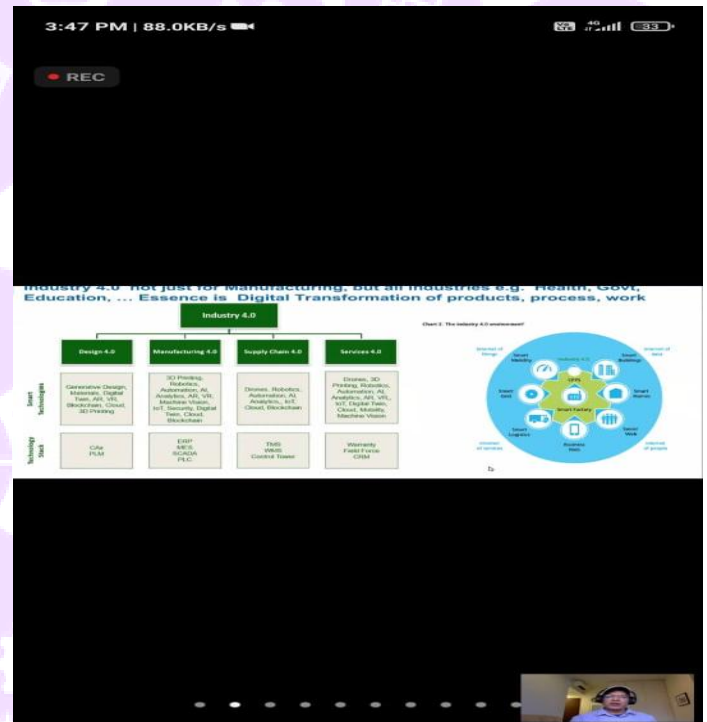
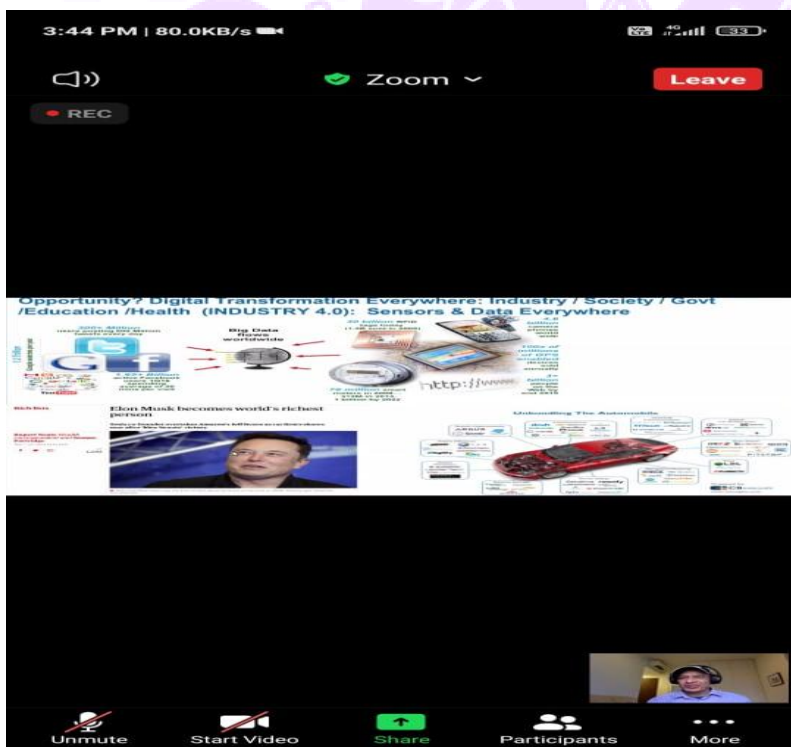
EXECUTE

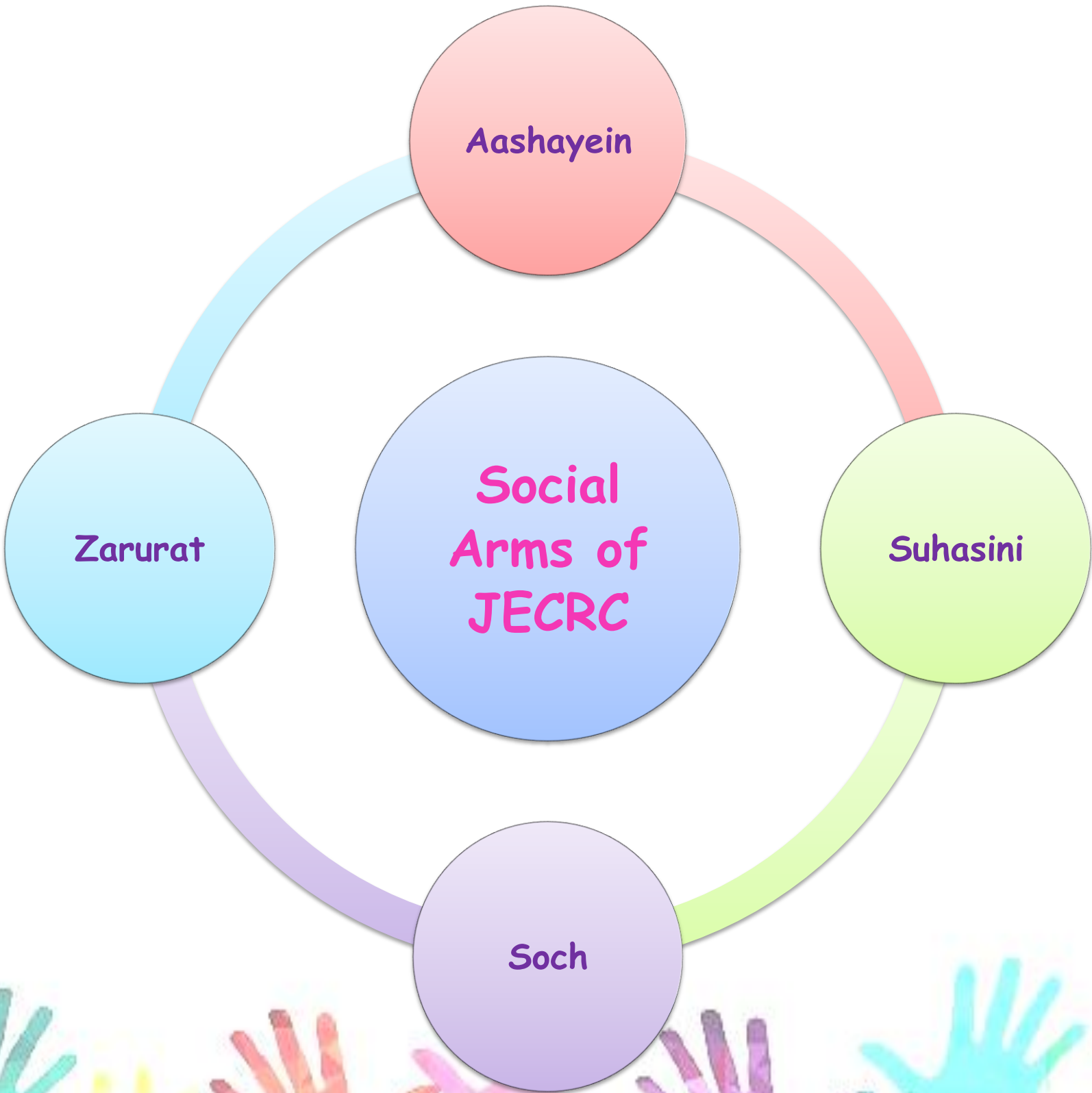
MONITOR AND CONTROL



WEBINAR ON “ FUTURE OPPORTUNITIES FOR CS & IT PROFESSIONALS”

The session started sharp at 3:00 pm on 10th may by welcoming esteemed speaker “Mr. Lalit Yagnik” (Director, technologist ,Solution Architect & Mentor – Disruptive Solutions & Skills Initiatives). Then Mr. Lalit commence the session by discussing the main agenda of the entire session i.e. “Emerging Digital Technologies powering transformation of Industry & Society”.





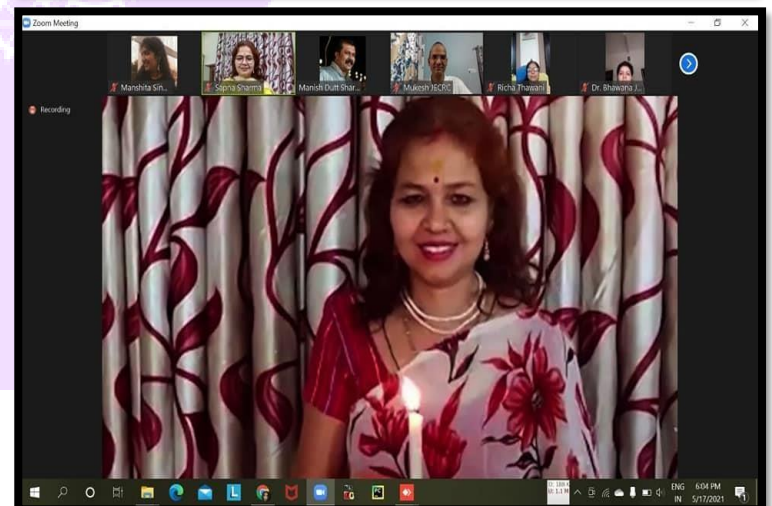
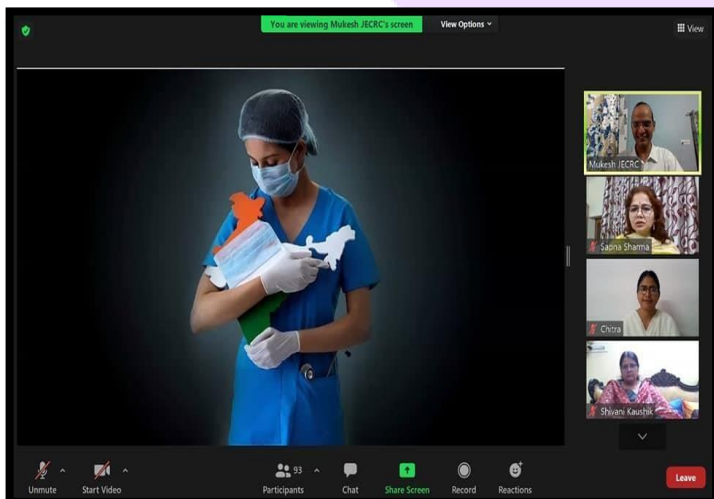
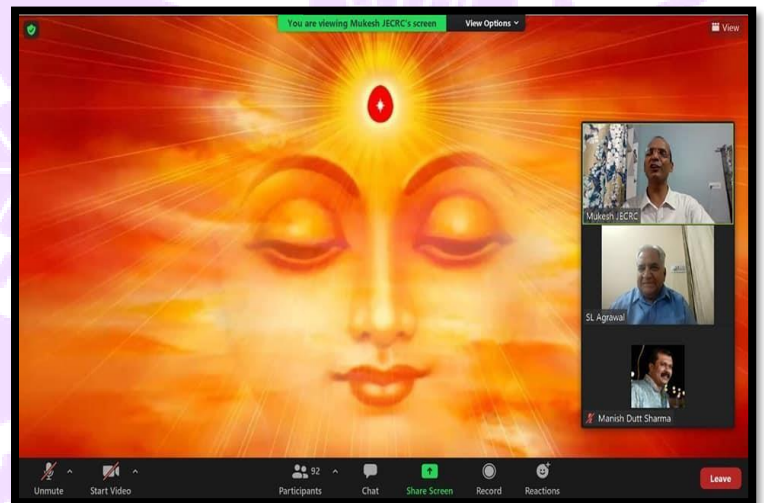
ZARURAT

Prayers have the power of creating a positive atmosphere that helps to inculcate the essence of ethical values and encourage believing in the value system. It gives an opportunity to come together and get answers in ways beyond our comprehension.

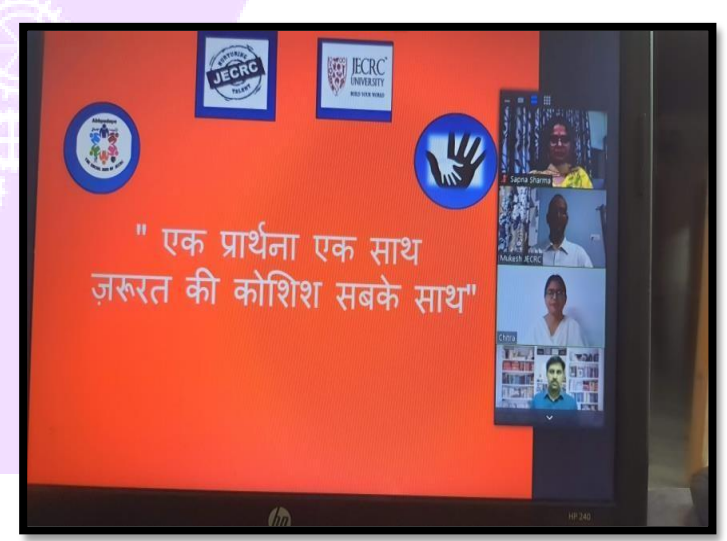
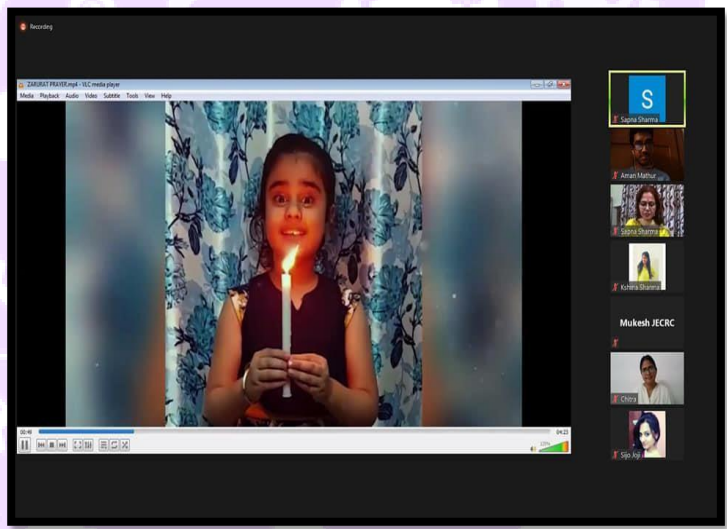
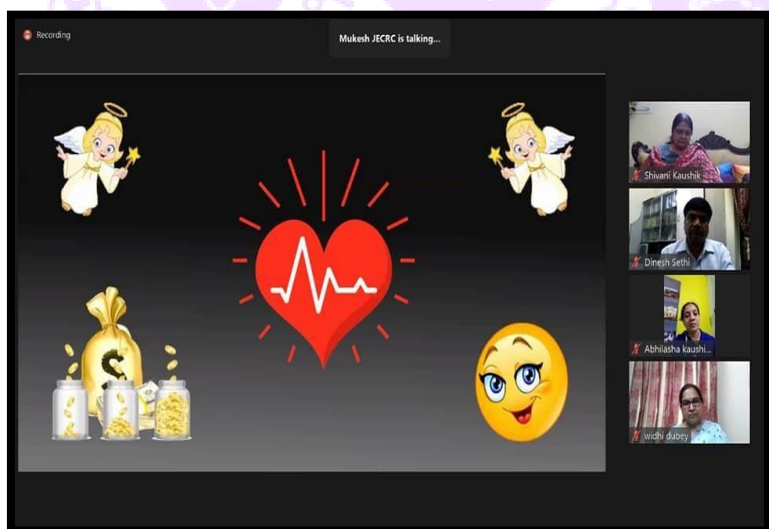
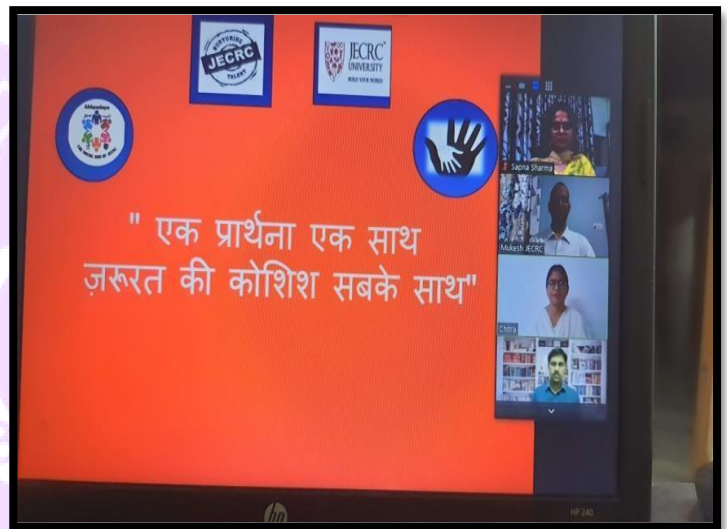
"एक प्रार्थना एक साथ, ज़रूरत की कोशिश सबके साथ"

Event organized by Zarurat on 17th May 2021 where Principal Prof V.K. Chandna, Head Digital Strategies Sh Dheemant Agrawal, Registrar Sh.S L Agrawal, Prof Sapna Sharma, Prof Ekta Menghani, Prof Widhi Dubey, Dr Barkha Srivastava, Mr Mukesh Agrawal, Ms Chitra, Prof. Avireni and other respective faculty members of JECRC Foundation participated with great enthusiasm. Zarurat team members along with coordinators participated and pray together for Mother Earth.

A small video was also displayed where Zarurat kids along with others are expressing themselves in form of prayer to get rid of pandemic situation. Mr Mukesh Agarwal and Chitra mam explain significance and importance of prayer to all.



CAMPUS TALK 2020-2021



INVITED TALK ON COVID 19 PANDEMIC CURRENT SCENARIO

To make people aware about pandemic situation and to tell some precautionary measure STI in collaboration with Social arm of JECRC, Zarurat organized invited talk on COVID 19 Pandemic Current Scenario by Dr Rekha (Senior Consultant gynecologist, Zenana Hospital, SMS Medical College, Jaipur) on 14th May 2021.

The event was organized by joint collaboration of Zarurat JECRC and Science Technology and Innovation Hub, JU. The session was held on the zoom platform with more than 110 registered students and 82 students connected it online.

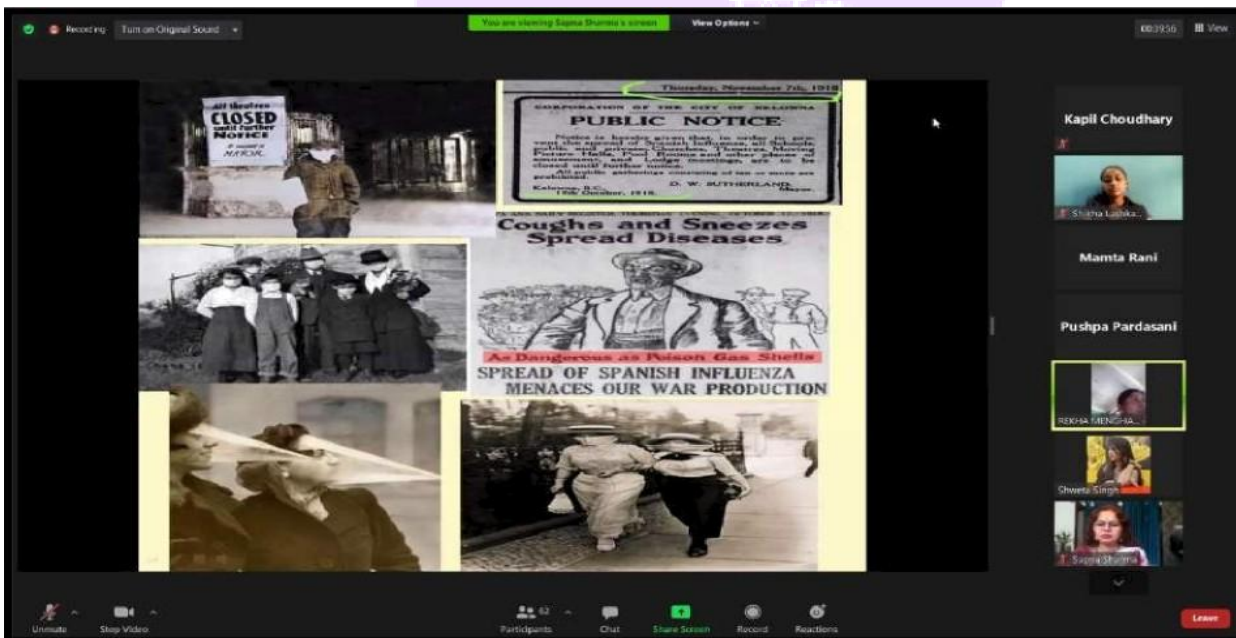
The event was graced by presence of Principal Prof V.K. Chandna, Sh.S.L Agrawal, Director IQAC Prof. Avireni, Deputy Registrar Dr. Maisg Jain, Director School of Sciences Prof. Widhi Dubey, Prof. Sapna Sharma, Prof Ekta Menghani, Prof. Sonu Pareek, Dr Varsha Gupta, Prof

Arvind Pareek (MDSU, Ajmer), Prof Renu Pareek, Dr Ruchi Goyal, Ms. Shivani Singh and other faculty members of JECRC University. All Zarurat team members along with other faculty members, Surpanch Mohanpura, Surpanch Goner was also participated in the event to get benefitted.

Students got knowledge about current strains in India regarding second wave of pandemic. Dr. Rekha told about various symptoms and observations during suffering. She also discuss about various precautions to be taken while returning home and going out. Immunity is our medicine to defeat virus. Speaker also discusses about present scenario and relate it with healthy eating habits in students. Students and audience ask different questions which was answered by speaker and satisfy all quires.



CAMPUS TALK 2020-2021





SOCH

WEBINAR ON
"ISSUES AND CHALLENGES IN TOTAL ERADICATION OF
CHILD LABOUR IN INDIA"

Ashok Kumar

Ruchi Mathur

Rekha Vijay

Dr. AS Shekhawat

JECRC

Soch

Abhyudaya

@sochgroup /sochkuchkardikhaneki @SOCHJECRC

WEBINAR ON
"ROLE OF WILDLIFE IN ENVIRONMENTAL BALANCING AND
HUMAN INTERFERENCE"

REC

SANJEEV KUMAR

Kaniksha Arya

Rotary

Dr. Anil Kumar Srivastava

Mukesh Kumar Choudhary



SOCIAL MEDIA CAMPAIGN MUM & ME 3:

"Mother" - the purest form of love we will ever know, our biggest supporter and superhero but we usually don't tell them how special and appreciated they are.

Mother's day is that special time of year when we get to celebrate the person who brought us to this world and the person we always turn to when we need advice. This day is not only about the mother who gave you birth but for all the mother figures in your life who gave you selfless and unconditional love. Celebrate this day with your mothers and do your best you can by staying at your home and make her feel special.

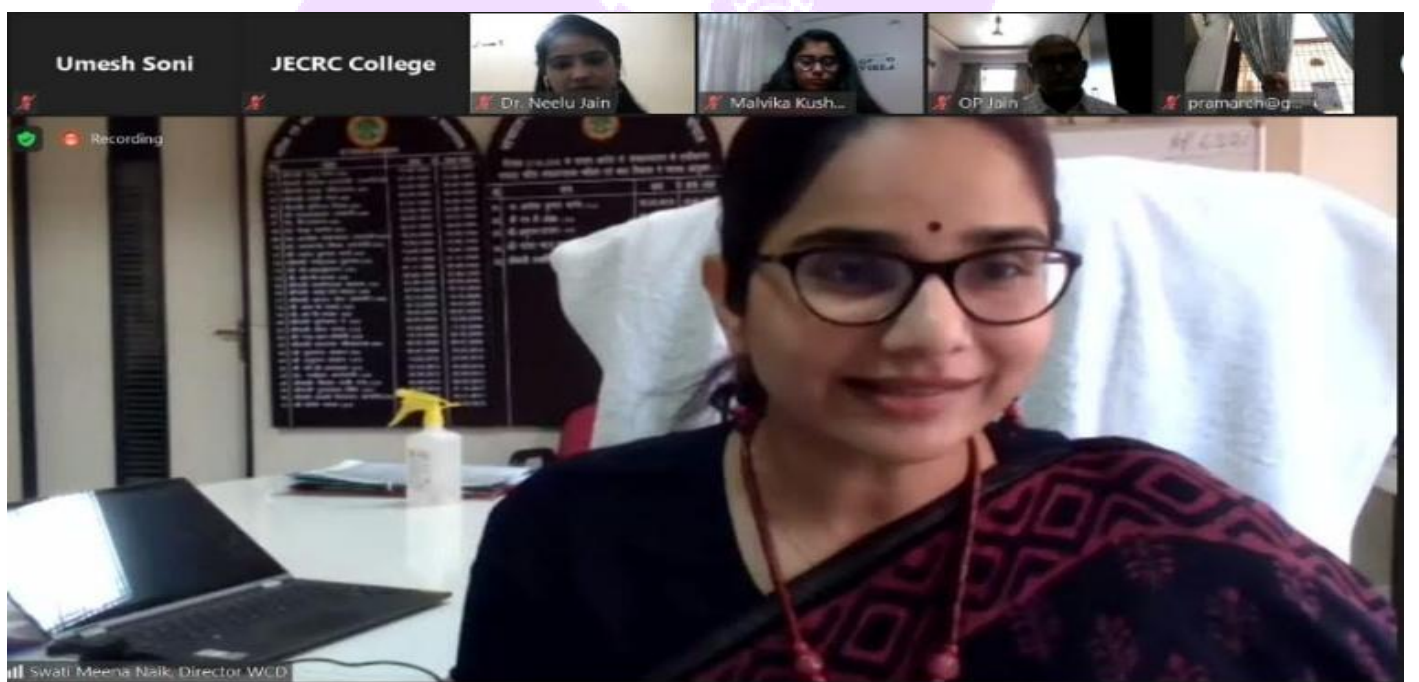
On their special day, Team Suhasini wishes everyone a very Happy Mother's day.



WEBINAR ON THE OCCASION OF WOMEN'S DAY

Suhasini is a social initiative of the JECRC foundation which works to save the smile of the girl child. We work in 8+ villages and 10+ government schools connecting more children to mainstream education. One of the main events of our group is international women's day, which is celebrated on, 8th March every year.

This year it was celebrated through two modes one is online, and another is offline. We organized a webinar on the theme "Women in leadership: Achieving an Equal Future in a Covid-19 World" on 7th March 2021. Ms. Swati Meena Naik, IAS (Director, Department of Women and Child Development, Madhya Pradesh) was the guest speaker for the webinar. The speaker deliberated on awareness about women empowerment and message of Gender equality.



CELEBRATION OF WOMEN'S DAY (8TH MARCH 2021)

To all the women who are the makers, the hustlers, the shakers and the movers,
To those who stand strong and when needed those who quietly move on
To those who bulid empires, move mountains, push boundaries, raise babies, make
memories and refuse to take no for an answer
You are the ladies paving the way for a new generation who are ready to play
Stand tall and Stand proud for all that you are
Because in this universe you are your own brightest star.
Team Suhasini wishes every women a very Happy Woman's Day.
In the offline mode, we celebrated the day with the female faculty members and the
employees of ourcollege, JECRC Foundation. They were awarded with the token of
appreciation, showing our gratitude for their selfless contribution to society.



WEBINAR ON WOMEN'S HEALTH AND HYGIENE (22ND MAY, 21)

An exclusive webinar session for the women was organized by team "Suhasini – An initiative to save the smile of the girl child" on the topic "Women health amid Covid-19" scheduled on 22nd May 2021 in endeavors to provide health and nutrition tips to the women in these tough times of Covid. The session was presided over by respected Ms. Sangeeta Sharma, Dietitian. This crucial session was attended by almost all the female teachers of JECRC Foundation and JECRC University with up to 150 and above female students. Ms. Sangeeta Sharma emphasized the importance of good health and strong immunity at this crucial time. We thank them for such a wonderful session, taking time out of her busy schedule and enlightening us in such an important matter.



WEBINAR ON WOMEN HEALTH AND HYGIENE (12TH JUNE, 21)

Suhasini - 'An initiative to save the smile of girl child' organised a webinar on the topic "Futureproofing Your Health " on 12th June 2021 with an endeavour to provide health and food tips for future generation during these difficult times of Covid. The speaker for the session was Ms.Somya Gupta, Senior Nutritionist and TEDx speaker from the team Rujuta Diwekar. It was attended by almost all the faculty members and students of JECRC Foundation. Ms. Somya Gupta talked about myths related to weight loss, fitness and health parameters like energy levels and much more. She cleared the doubts of attendees and myths we believe in. We thank Ms. Somya gupta for the wonderful session we had with her. And also, we are very grateful to Director Sh Arpit Agrawal sir for his constant support and motivation. Team Suhasini is indeed grateful to Principal, Prof. V K Chandana sir and all the attendees for coming and supporting us in our cause.





PROMULGATION

*“A RHYTHM OF
EVENTS”*



INDUCTION PROGRAM

Embarking on the journey of most memorable four years of one's life, the new students were extremely joyous to see elaborate preparations for their welcome. With a flower decked entrance to give a fragrant welcome they stepped in the campus with a bright tilak. The delight depend when senior students rewarded them with batches of #nowjecrcians, truly assimilating them in the JECRC family. To keep them reminded of the fact that they are here to leave a mark, imprints of their hands were secured.

Introduction to Renaissance

Our college fest Renaissance is one of the most loved and widely anticipated annual event of the region. So, it was important to give students a glimpse about this event as their active participation in it will make the event a highlight of their college life.

Introduction of SmartIndia Hackathon

JECRC was one of the only 26 colleges selected for the first edition of "The Smart India Hackathon" which is a dream venture of Hon. Prime Minister Sh. Narendra Modi under the aegis of MHRD & AICTE. More than 500 students came to JECRC and participated in the 48-hr nonstop hackathon. 6 teams from JECRC also participated in this national app development competition.

Campus Life

For students, it is very important to tell them about how their campus life is going to be. We keep students engaged round the year by organizing various seminars and interactive sessions for them.



Social Clubs

We equally emphasize on social responsibilities and we have a very active bunch of students working under four flags of Zarurat, Aashayein, Soch & Suhasini. The Joy of Giving Week is also celebrated every year in the month of October where we all pitch in to do our bit for the deprived. These activities are not meant just for fun and frolic but are in fact catalysts that develop qualities like leadership, team work, time management and stress handling in our students.



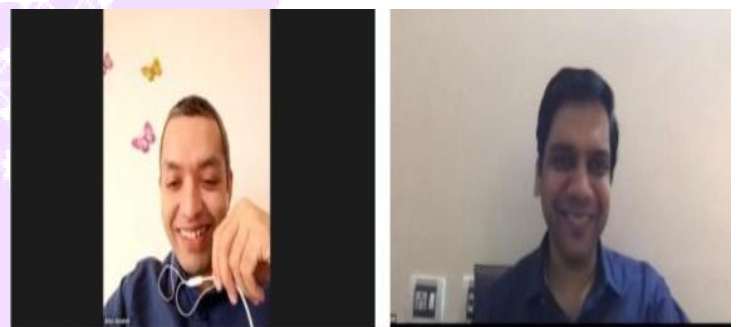
ALUMNI INTERACTION SERIES

JECRC Alumni welcomed the incoming first-year students to the College, providing them with an understanding of the values, legacy, and diligent spirit of the institution. Various alumni from all over the world took time and interacted with first year students to pave their way in their four year long journey of Engineering. The invited alumni were: Mr. Atul Anand(2005), Mr. Rajesh Garg(2007), Mr. Mohit Panwar(2009), Ms. Kavita Dalmia(2013), Mr. Amit Rajagopalan(2013), and Ms. Aditi Jain(2014). JECRC Alumni showed that it's of paramount importance to stay connected and share what has been gained over time and show the way forward to juniors. Our trailblazer alumni showed that life is full of learning and college is where the foundation of a lifelong journey of learning is established. This is where students overcome their fears, where they aim for the stars and write their own story.



Amit Rajagopalan,(Co 2013, ME)

Aditi Jain (Co 2014, ECE)



Atul Anand (Co 2005, ECE)

Rajesh Garg (Co 2007, ECE)



Mohit Panwar, (Co 2009, CS)

Kavita Dalmia (Co 2013, CS)

JECRC FIGHTS COVID- 19

Online lectures

With this aim, the JECRC family turned out to be a torch bearer, and we were among the first institution in Rajasthan to switch to online classes as soon as the order for suspension of physical classes was received.

JECRC launches # Save the Saviors Initiative

JECRC Makerspace, the innovation cell at JECRC has developed a 3D printed face shield compliant with the guideline of WHO and ICMR which helped our doctors, paramedics and sanitization workers to protect them from infection as they fight against the odds on the frontline.

First Educational Institute to create on- campus quarantine centre

JECRC foundation became the first educational institute in Rajasthan to offer its on-campus residential complex to the Govt. of Rajasthan for creation of a quarantine centre to help COVID 19 patients.

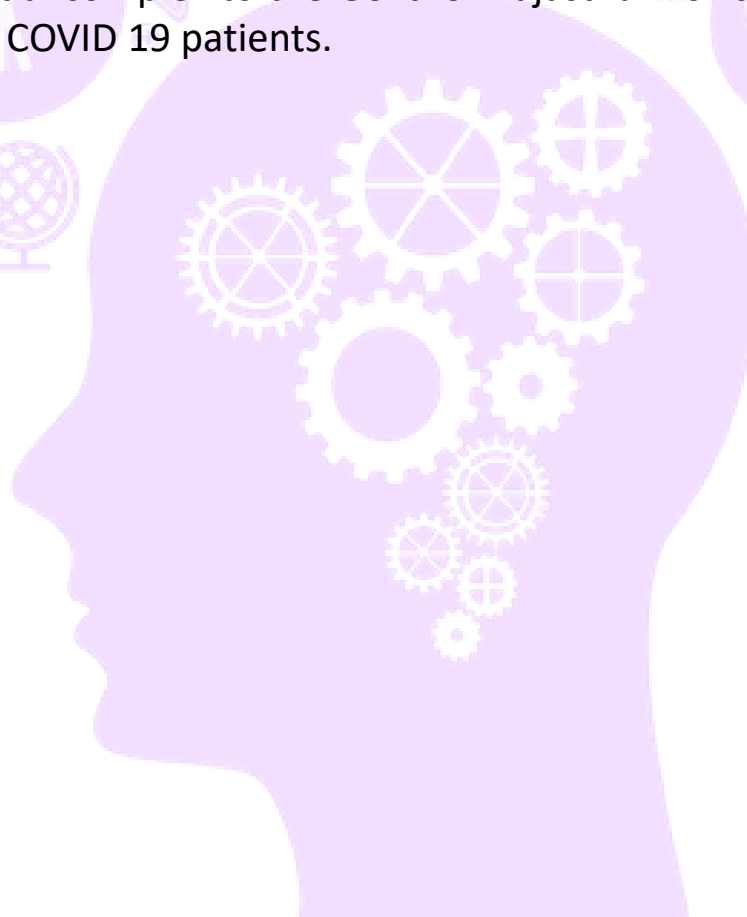


TABLE TOPIC CONTEST

To challenge, test, and hone the communicative abilities of the students, the Department of English and Humanities conducted a Table Topic Competition on 1st February 2021.

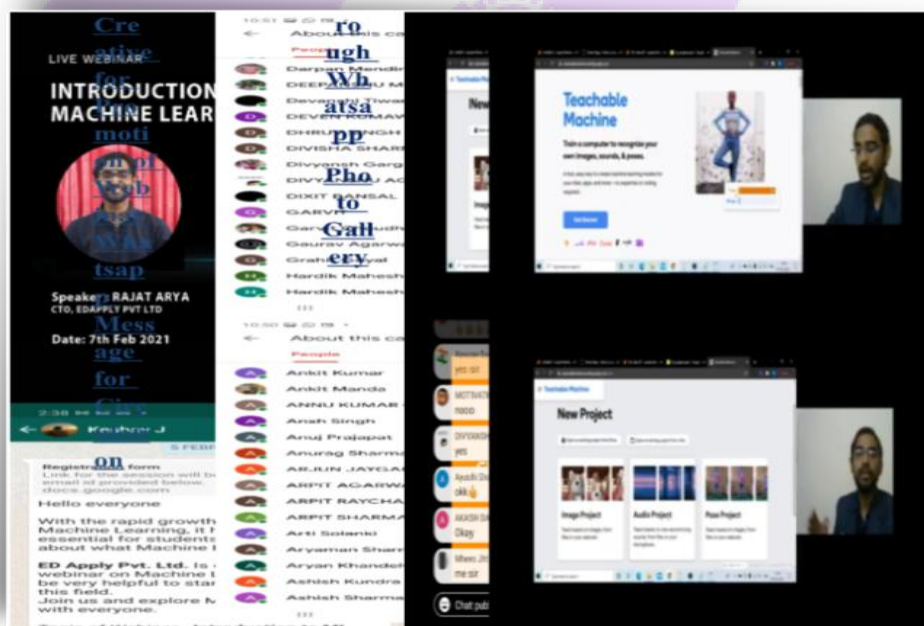
Due to the pandemic, the competition was conducted virtually with zealous participation from the students. There were 90 registrations for the contest. From those 90 students, 30 were selected for the main round. The event commenced at 2 pm via Zoom by giving an introduction to Table Topics. Students were divided into 3 groups of ten each. Different role players performed their respective roles akin to toastmasters role players with full zeal and zest.

Participants were supposed to speak on the assigned topics for at most 2 mins. Props were used to remind the speakers about the time left. There were three rounds and five judges including the Chief Judge. Students participated with full enthusiasm and tackled the rounds wholeheartedly by expressing their views on the given topics. The best three speakers got selected and impressed the judges with their convincing speeches. The event was coordinated by Ms. Sonia Khubchandani, Assistant Professor who carried the event forward by declaring the results and shared her precious thoughts about the whole event. All the students were rewarded with participation certificates. The event ended with a vote of thanks by HOD Dr. Neelu Jain.



GREEN AND CLEAN ENERGY FOR BETTER ENVIRONMENT

JECRC organized a debate competition on 1st February 2021. The motion of the debate was "GREEN AND CLEAN ENERGY FOR BETTER ENVIRONMENT". The competition was conducted online on Google Meet at 2:00PM for B.Tech 1st year students. The participants were all geared up and fully passionate to win. Some argued for the motion and some against. Dr. Sarita Poonia coordinated the event and it was adjudged by Dr. Barkha Shrivastava (Deputy Dean of 1st year and HOD, Department of Chemistry), and Dr. Rekha Mithal. The students were well prepared, showcased their orating skills and in turn undoubtedly convinced the audience of their beliefs. The participants, armed with statistics and data made their argument more empathetic with their righteous facial expression and voice modulation. The audience highly appreciated the debate. A total of 74 students participated out of which 15 got the opportunity to participate in the debate competition conducted by GAIL LTD dated 6th Feb 2021 at 11:00AM. E-certificates were given to all the participants. The competition was an enthralling experience for the students as well as the audience.



SESSION ON IMMUNITY MASTERCLASS-BY RUCHI RAJORE

"Immunity" became the most important lifestyle feature in people's lives post the COVID pandemic outbreak. Everyone was trying to find ways for their families through which they could boost immunity by staying safe at home.

To help students and their families on how to enhance immunity, the First Year Family of JECRC took the initiative of conducting a session "Immunity Masterclass" live with Ruchi Rajore on 14th May 2021.

A total of 710 registrations took place and approximately 500 students participated in the session. The session commenced with the welcome note of Ms. Sonia Khoobchandani (Event Coordinator) followed by the addressal of Dean, Dept. of Applied Sciences, Dr. Ruchi Mathur. The event was conducted in online mode (Zoom Platform).

The event speaker, Ms. Ruchi Rajore, living facilitator and certified yoga & meditation teacher, The Ministry of Ayush, Government of India, advised about healthy diet, immunity boosters, home remedies along with the practice of breathing patterns, pranayams, and other asanas and exercises.

It was a very informative session, full of activities and knowledge.

The session ended with a question- answer round followed by a vote of thanks by Dr. Barkha Srivastava, Dep. Dean First year.



DEBATE -2.0

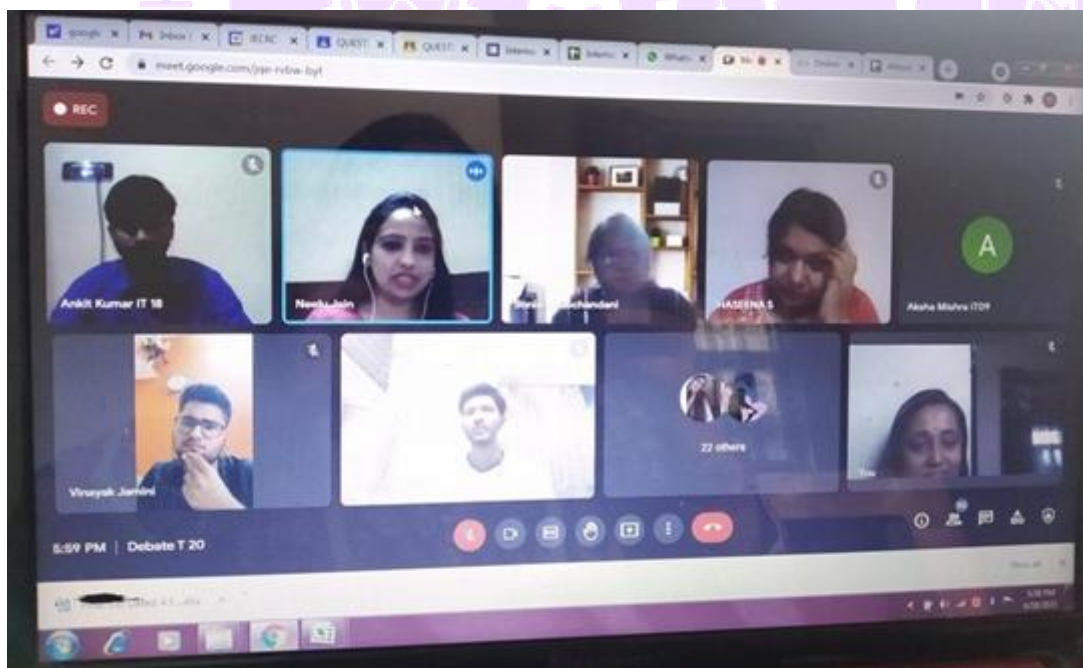
Department of English and Humanities organized a debate competition on Friday, 18th June 2021 for First-year students. There were a total of 54 registrations, among which 28 got shortlisted through an MCQ round. The event commenced at 4:30 pm via google meet with an introduction to Debate T-20. The participants were to speak for and against the motion at a periodic interval of 20 seconds. The participants were judged on the grounds of content, delivery, accuracy, and correctness of language, diction, and fluency.

The contestants spoke with full enthusiasm, showcased their oratory skills, and amazingly switched between for and against their topics. Dr. Neelu Jain, HOD, Dept. of English & Humanities, welcomed the judge for the event, Dr. Haseen Kabir, Assistant Professor, VIT from the Department of English and Humanities.

The winners of the event were: 1.Vishakha Mulani(IT)

2.Hardik Maheshwari(IT) 3.Vinayak Jaimini(CS)

The event concluded by a mesmerizing vote of thanks by , Dr. Neelu Jain, HOD, Department of English & Humanities.



PIC-A-SPEAKO

Department of English and Humanities conducted Language Lab Activity, Pic-a-speako on Saturday, 10th July 2021 for the students of First year. A total of 56 students registered for the event, out of which 26 were shortlisted for the second-round. The event kick started at 5pm via google meet by the introduction of pic-a-speako.

The participants were shown a picture and were supposed to speak for a minute. An extension of 10 seconds was given to complete the speech. The contestants were judged on the basis of content, delivery, appropriateness and accuracy of language, diction and fluency.

The participants were all geared up and gave an outstanding performance. The event was taken forward by moderators Prashansa Goyal and Ojasvi Sharma.

The judges for the event were Dr.Shikha Agarwal, Assistant Professor from Department of English and Humanities, SKIT, Jaipur and Ms. Sonal Sharma. Dr. Barkha Srivastava, Dy. Dean, Dept. of Applied Sciences, motivated the students and faculties for conducting such events amidst the digital era. The judges declared the winners for the competition and shared their views on the event. E-certificates were provided to all.

The winners of the event were: 1.Balpreet Kaur(IT)
2.Vishakha Mulani(IT) 3.Ayushi George(AI)

The event ended with a vote of thanks by Dr.Neelu Jain, HOD, Dept. Of English & Humanities.



ANANDAM PROGRAM

In compliance with the Government of Rajasthan, RTU introduced the “ Anandam Program ” activity as a credited subject in the syllabus of SODECA as the program aims to instill the joy of giving in young people, turning them into responsible citizens who will build a better society. It will help inculcate the qualities of compassion, open-mindedness, willingness to do whatever is needed, and a positive attitude in the students. Through daily action, it will build the habit of service in students across colleges and universities.

Through the activity, the students are expected to involve in at least one social service/activity related to Anandam, in a group or as an individual, on regular basis. A total of 100 marks will be awarded for the same and the marks will be divided into two components:

Component A: Discipline (50 Marks) Component B: Extra-curricular activities (50 Marks)

As an outcome of the Anandam Program, the students are expected to develop:

- Awareness and empathy regarding community issues
- Interaction with the community and impact on society
- Interaction with the mentor and development of the student-teacher relationship
- Interaction among students, enlarge the social network
- Cooperative and communication skills and leadership qualities
- Critical thinking, confidence and efficiency

INTRA-DEPARTMENT DEBATE COMPETITION

A Department level Debate competition was organised by the Civil Department on the topic "Clean and Green Energy for Better Environment" on 1st February 2021. Students from 1st , 2nd & 3rd participated in the Contest. The Best three Speakers were selected and they advanced into The Virtual Group Talk/Debate organised by GAIL India Ltd. which then held on 6th Feb 2021.

The event was judged by the Faculty members and it was very actively participated by the Students.



VIRTUAL GROUP TALK/DEBATE

As per Directives received from Ministry of Petroleum & Natural Gas(Mo P&NG), Govt. of India and PCRA, GAIL India Limited celebrated month long Oil and Gas Conservation Mahotsav, SAKSHAM 2021. The Main Theme and Topic Of Discussion was “Clean and Green Energy for Better Environment”.

It was inaugurated by Shri Kalraj Mishra, Hon. Governor Rajasthan on 16th Jan 2021. It was held on 6th Feb 2021 in JECRC FOUNDATION on Google meet from 11:00 Hrs to 13:00 Hrs. The event was a great success and the Civil students who participated in the event came out with flying colours. Yashi Bishnoi was announced as the winner at the end of the event along with Jaipal Prajapati who came second. Rest of the participants were rewarded with the Participation Certificate.



GAIL (India) Limited
SAKSHAM 2021
Virtual Workshop in Engineering College, Debate/Group Talk
on 06.02.2021 11:00 Hrs. to 13:00 Hrs.
at JECRC, Jaipur
from GAIL Bhawan, Jaipur

Itinerary

1	Login of Participants (Engineering Students & GAIL officials) and on Virtual Platform	11:00 AM
2	Welcome by Saksham Coordinator & Program briefing - Shri Parag K Srivastava, DGM (Marketing- Retail & CGD), GAIL	11:10 AM
3	Showbyte of Hon'ble Minister- P&NG	11:15 AM
4	SAKSHAM Pledge by Shri P. K Dey GM (Training), GAIL	11:20 AM
5	Workshop by Shri P. K Dey GM (Training), GAIL on Fuel Conservation theme - Green and Clean Energy	11:25 AM
6	Debate/ Group Talk on Fuel Conservation theme - Green and Clean Energy by Engineering students and Judging by three GAIL officials GM (Training), GM (C&P) & DGM (Mktg.)	12:00 PM
9	Announcement of Winners and Award	12:45 PM
10	Vote of Thanks by Shri Rajesh Kumar, GM (C&P), GAIL	12:55 PM

MEDITATION COURSE BY SPIRITUAL RESEARCH CELL

It was a Virtual Meditation course organised by Spiritual Research Cell (RAJYOGA THOUGHT LAB) JECRC FOUNDATION. And the students of Civil Department whole heartedly attended the event and enjoyed the same.

It was a 10 days event which used to held everyday from 3:00 PM to 4:00 PM . We here at JECRC believe “Concentration is the root of all higher abilities in Humans”. Keeping this in mind the main motive of organising and attending this event was to make students connect to their spiritual self and to Know Themselves. To manifest their inner powers and help them build up confidence as well as concentration which will become their most useful asset in future.

SPIRITUAL RESEARCH CELL
(RAJYOGA THOUGHT LAB)
JECRC FOUNDATION
is organizing an
ONLINE
MEDITATION COURSE
(SESSIONS ARE BILINGUAL)

TOPICS COVERED

- KNOWING THE SELF - KNOWING THE SUPREME
- MEDITATION TECHNIQUES - INNER POWERS

26th APRIL - 05th MAY, 2021

Timing: 03:00pm to 04:00pm

Meeting link for the online sessions will be provided to registered candidates.

Please scan QR CODE for registration
Registrations will be open
28.2.2021 April, 8:30 pm.

For any queries,
please contact:
+91 85038 67233
+91 63784 15779

SPIRITUAL RESEARCH CELL
JECRC CAMPUS, 5th FLOOR, 21 BARUAL VIA ROAD, TORI ROAD, DEWRA, MUMBAI, MAHARASHTRA - 401 002.

For more details please contact: src@jecrc.ac.in / rajyogathoughtlab@jecrc.ac.in

BLAST WEEKEND

“A whole is better than a sum of parts”.

Let’s get there and set the bar high.

JECRCians on every Saturday thought to line up some fun and exciting events for their students starting from 20th February 2021.

We had an amazing night for our upcoming poets, shaayars and steller out in which people showed their “power of words” on 20th February 2021.

We had the dance night “Skip and Sway” on 27th February 2021 where kids flaunted some of their dance moves.

Not just these we even gave up our stage for all the melomanics out “ Audio Vibes” on 13th March 2021 where everyone rejuvenated themselves with a blast of music and melody.



GCCF STUDENT MENTOR INITIATIVE

GCCF Student Mentors are young campus ambassadors and leaders passionate to learn new technologies in Cloud Basics, Big Data, and Machine Learning, and enthusiastic to share their learnings with fellow colleagues.

Four students were shortlisted as GCCF Student Mentor from JECRC College. Selected students would help other students build a strong foundation in Google Cloud & explore a career in a cloud-first world. For selecting GCCF student mentors, Google announced a challenge starting from 6th May 2021 to 15th May 2021 (11:59 PM). Students who were shortlisted for this program were Ananya Jain, Aditi Gupta, Shivam and Aman Khandelwal. Second round of fine-graining the selection procedure involved a 15 minutes sync-up call, where they were asked questions to analyze their potential, before announcing the final students selected as GCCF Mentors.

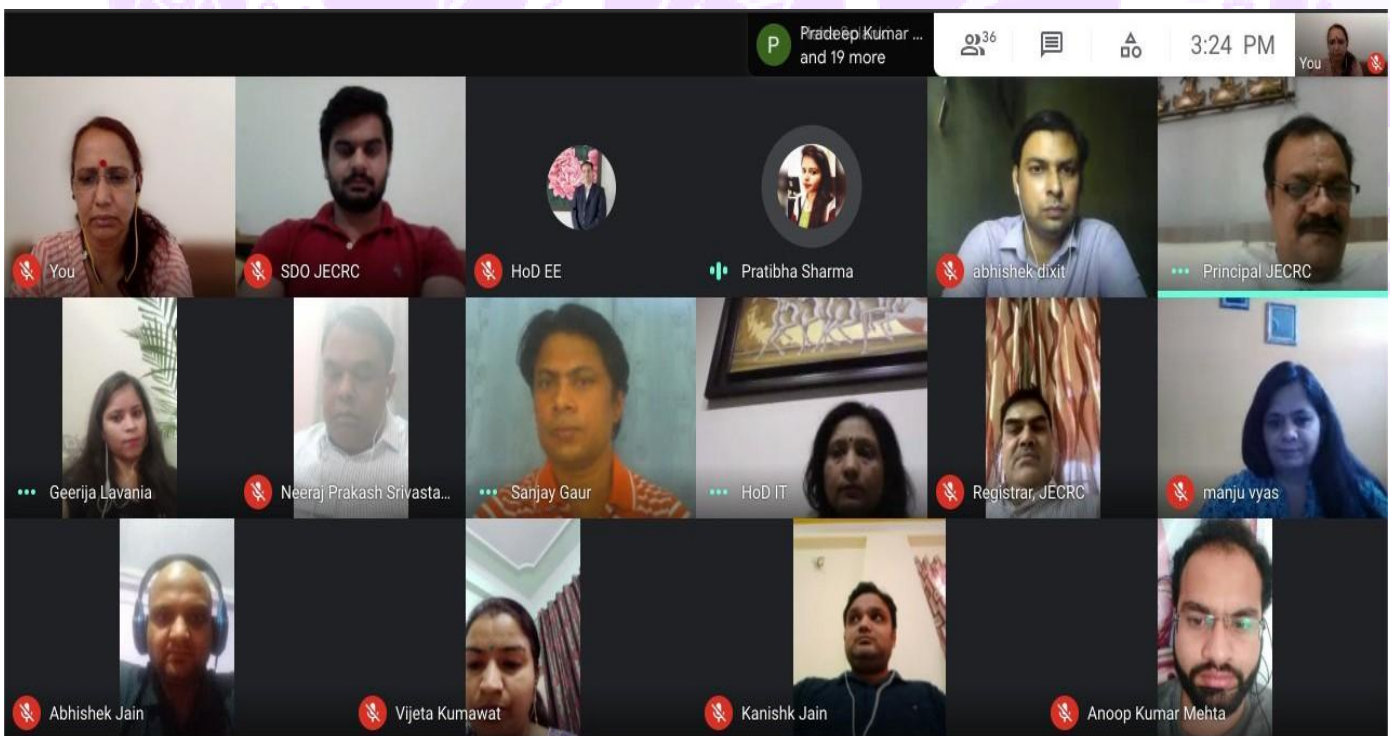
On 19th May 2021, the final results were declared. Students selected for GCCF Student Mentors from JECRC College are:

- Ananya Jain - Information Technology
- Aditi Gupta - Computer Science and Engineering



WELL BEING MEETING

The department of CSE conducted series of “Well Being Meetings” having the primary goal of interacting with the students to discuss the effect of ongoing pandemic on their mental health or any academic loss. Meetings were scheduled at different time slots for all the sections of academic session 2020-21 and headed by Dr. Sanjay Gaur, Head of Department Dr. Vijeta Kumawat, Deputy Head of Department, and respective Class Coordinators. Throughout the meeting, one-to-one interactions have been made with the students to know their wellness and impact on family members.



ONLINE INTERACTIVE SESSION BY MR. KAMLESH KUMAR SAMOTA

Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur has organized a WEBINAR on " IoT Protocols: Design and Challenges for Wireless Communication System", in association with IEEE Rajasthan Subsection, IETE Student Chapter & OSA Student Chapter-JECRC on 03/10/2020 from 11:00 APM to 12.00 PM. All registered participants received E-certificates after the end of session and submitted feedback form. The session was chaired by MR. KAMLESH KUMAR SAMOTA, Scientist –B, Assistant Director, NIELIT Ajmer. The event was coordinated by Dr. Sandeep Vyas, HoD, ECE, department, JECRC Jaipur and Dr. Ashish Choudhary, Assistant Professor, ECE department, JECRC Jaipur. The event is organized and moderated by Mr. Jaiverdhan, Assistant Professor, ECE department, JECRC Jaipur.

The session was witnessed by 110+ attendees including many staff members and students. The outcome of the event was - Introduction about Internet of Things (IoT) and its scope in daily life with suitable example. Also find out difference between machine learning and deep learning technology. Also, How actually IOT model works and why the need of IoT is came in today's world.

IEEE RAJASTHAN SUBSECTION

IETE Student Chapter

OSA JECRC Foundation Jaipur

Department of Electronics & Communication Engineering
Jaipur Engineering College and Research Centre, Jaipur
In association with
IEEE Rajasthan Subsection, IETE Rajasthan Centre, Jaipur
& OSA Student Chapter-JECRC

Presents
One Day Webinar on
"Data Analytics: Adoption of IOT solution to increase data collection"
Dec. 23, 2020
Resource Person
Mr. Saurabh Bhardwaj
Co-Founder & CTO
TechieNest Private Ltd.

Targeted Audience
UG/PG/PhD Students, Researchers
Academicians, Industry Person

12.00 PM - 1.30 PM
Wednesday, 23 Dec., 2020
Platform: Zoom Meetings
No Registration fee required
Registration Link:
<https://page.php?link=L.SyV7>
Scan to Register

Dr. Sandeep Vyas
HOD-ECE
JECRC Jaipur

Mr. Jaiverdhan
Assistant Prof.
JECRC Jaipur
Moderator

JECRC JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

IEEE RAJASTHAN SUBSECTION

IETE Student Chapter

OSA JECRC Foundation Jaipur

Jaipur Engineering College & Research Center (JECRC), Jaipur
Department of Electronics and Communication Engineering

Certificate of Participation
This is to certify that
Jaiverdhan
From Jaipur Engineering College and Research Center, Jaipur
Has attended a webinar on "Data Analytics: Adoption of IOT solution to increase data collection" On 23 December 2020 Delivered by Mr. Saurabh Bhardwaj, Co-Founder & CTO, TechieNest private Ltd.

Dr. Sandeep Vyas
HOD ECE, JECRC

Mr. Jaiverdhan
Asst. Prof. ECE, JECRC

Dr. Ashish Kumar
Asst. Prof. ECE, JECRC

ONLINE INTERACTIVE SESSION ON “ENTREPRENEURSHIP AS CARRIER OPPORTUNITY”

The session started at 3:30 pm by welcoming the guest “Ms. Shubhra” (Co-founder of Garage plug). She started the session by discussing about a famous quote on entrepreneurship that “Entrepreneurship is about being able to face failure, manage failure and succeed after failing”. Proceeding further participants were asked to raise their queries so that all their doubts could be covered up through the entire session. Later she briefly described about their startup and begin to discuss their exciting journey to successfully launch the product.

“GaragePlug” is a cloud-based easy-to-use software for 2W & 4W Auto Repair and Detailing service centers to grow & manage your business. It was started by Mr. Rohit, Mr. Ashish and Ms. Shubhrai in 2017.

She further introduced the “PRINCIPLE OF EFFECTUATION” (BIRD IN HAND)

When expert entrepreneurs seek to build a start with their means. These means can be in three categories:

- WHO I AM – my traits, tastes and abilities
- WHAT I KNOW – my education, my training, expertise and experience
- WHO I KNOW – my social and professional network

Then she shared the strategy to be followed to launch a successful startup, through her own experience.

Zoom (REC) Leave

Founder Fit

On skills itself founder must become a jack of many trades

The slide compares two founder profiles:

- Professional (Developer):** Focuses on 'Deep Core Skills'.
- Founder (Generalist):** Focuses on 'Deep Core Skills' and 'Broad Understanding'.

The 'Broad Understanding' section lists several skills: Story Telling, Building High Performance Team, Decision Making, Founder Understanding, and Self Esteem.

Zoom controls: Unmute, Start Video, Share, Participants, More

Zoom (REC) Leave

Product is combination of

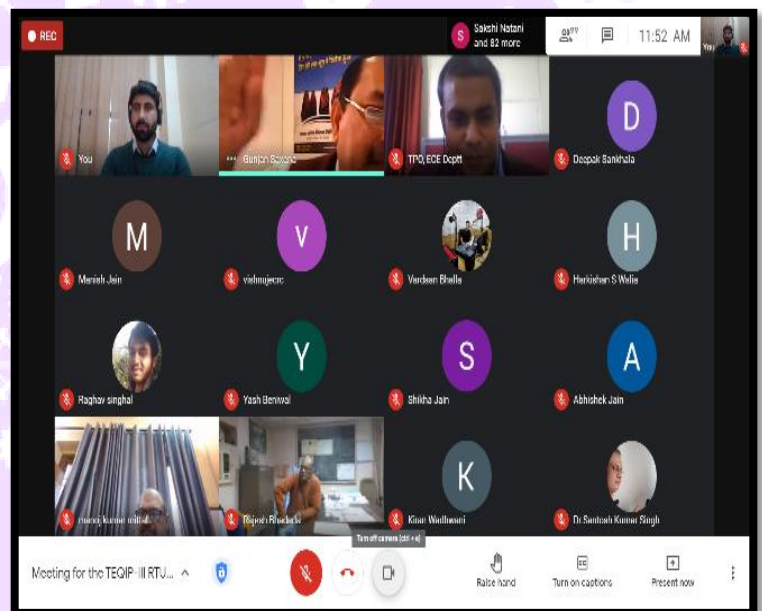
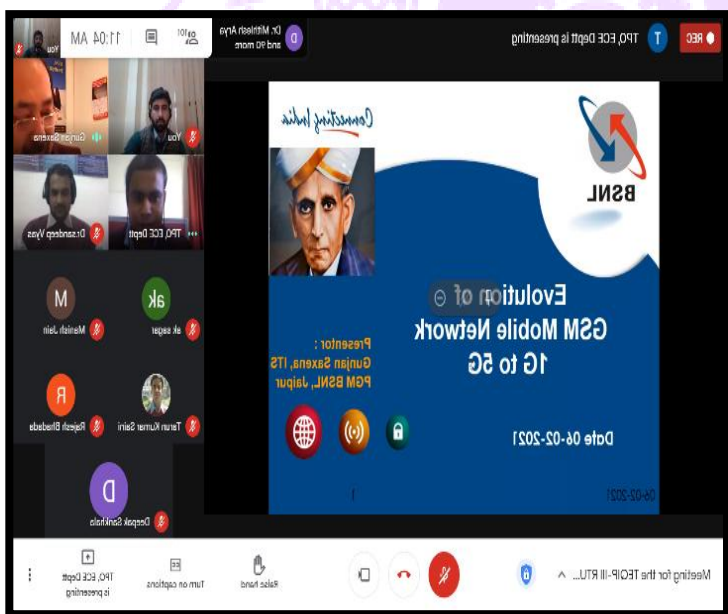
- High Value Problem:** Which is usually captured implicitly in a short keyword.
- Resonates with a group of people:** Called Intended Customer Persona.
- When hired gives benefits which translates to Value for one Customer Persona.**
- Near Standard Price Tag.**
- Easy to Replicate on per unit cost.**

Zoom controls: Unmute, Start Video, Share, Participants, More

ONLINE INTERACTIVE SESSION BY ER. GUNJAN SAXENA

RTU (ATU)TEQIP-III has organized an Industry Expert Talk on “Evolution of GSM Mobile Network-1G to 5G”, in association with Rajasthan Technical University Kota and Department of Electronics and Communication Engineering, Jaipur Engineering College & Research Center (JECRC), Jaipur on 06/02/2021 through Google Meet. All registered participants received E-certificates after the end of session and submitted feedback form. The event was coordinated by Dr. Sandeep Vyas, (Host Institute Coordinator) HoD, ECE, department, JECRC Jaipur, Prof. Dhirenda Mathur, Coordinator, TEQIP-III, RTU Kota, Rajasthan and Dr. Lata Gidwani, RTU Expert Lecture Coordinator. The invited speaker for this event is Er. Gunjan Saxena, Principal General Manager, BSNL Jaipur-India.

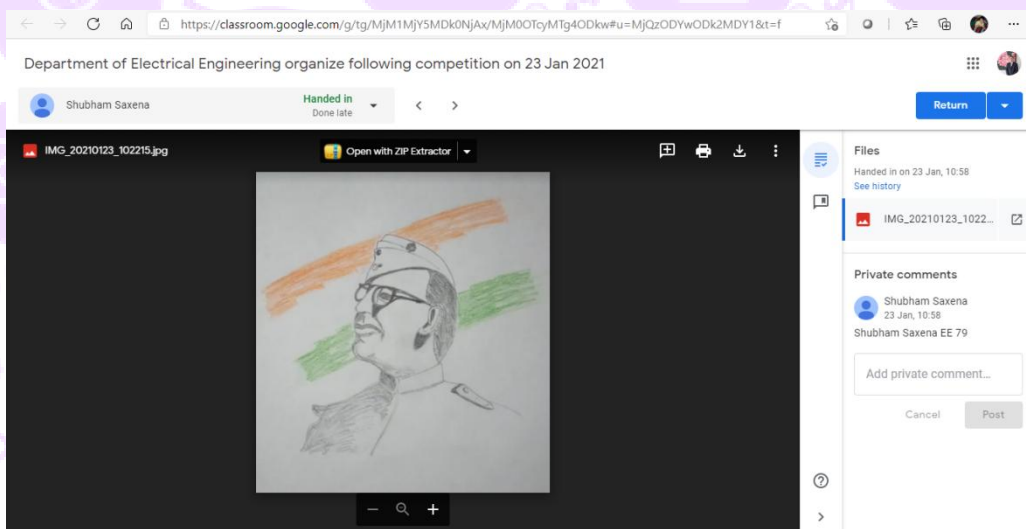
The session was witnessed by 293+ attendees including many staff members and students. The outcome of the event was- Different technologies aspect for all different generation of mobile communications, How life changes by using mobile network 1G to 5G, Effect of mobile radiation over human body and different standards governed by GOI to manage the radiation, Working culture of BSNL Telecommunication and its future plan.



NETAJI SUBASH CHANDRA BOSE JAYANTI

On the occasion of NetajiSubash Chandra Bose Jayanti, Department of Electrical Engineering organized following events on January 23, 2021.

- Online speech /Poems on tribute to NetajiSubhas Chandra Bose
- Short film/video making competition
- Online Essay writing competitions / Creative writing
- Virtual Poster Designing On Depicting Netaji



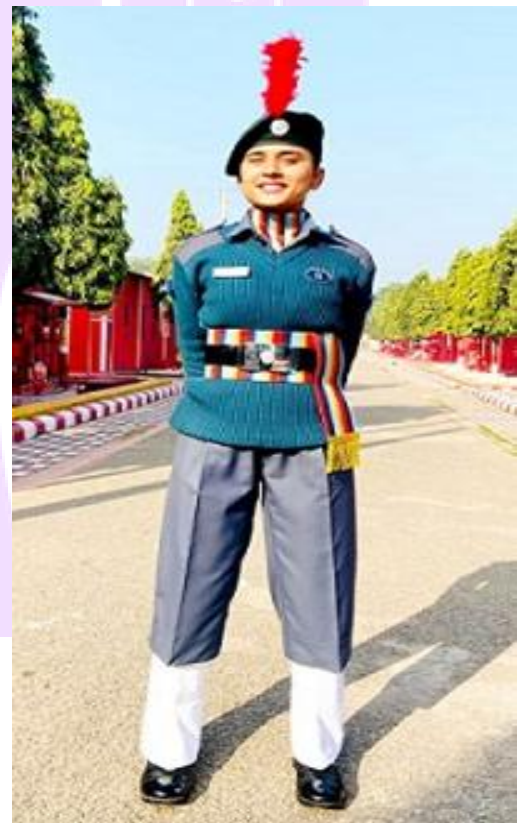
REPUBLIC DAY PARADE 2021

We congratulate Ms. ParulDhayal, Student of third year Electrical Engineering for participating in Republic Day Parade 26th January 2021.

Experience shared by Ms. ParulDhayal..

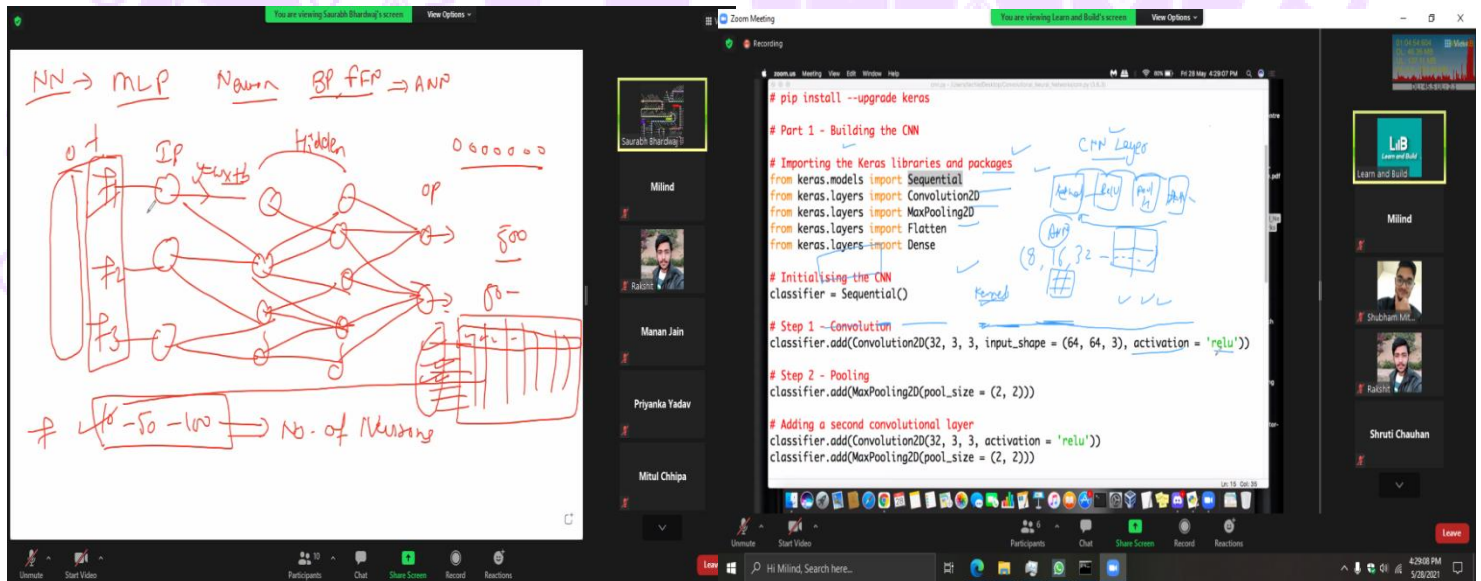
“Got selected for REPUBLIC DAY PARADE 2021 in New Delhi. I being a NCC cadet fought lots of competition to reach there initially with unit level selections, then group level selections, then state level selections. After that got selected at national level, and I being first air wing girl cadet who got selected for guard of honor. I have given guard to our honorable Prime Minister NarendraModi and also our defense minister Rajnath Singh. I would like to thank my teachers who supported me all along the way.

I felt really privileged for representing my unit and my college at this platform.”



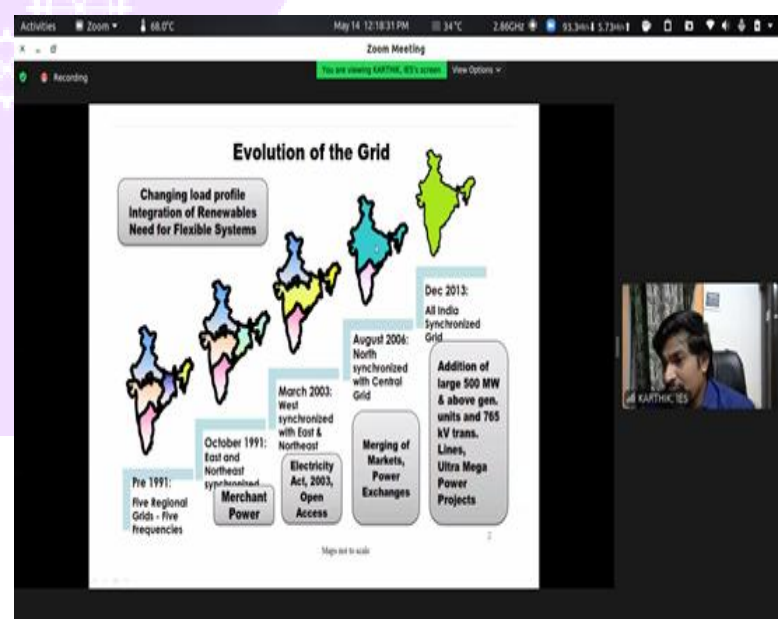
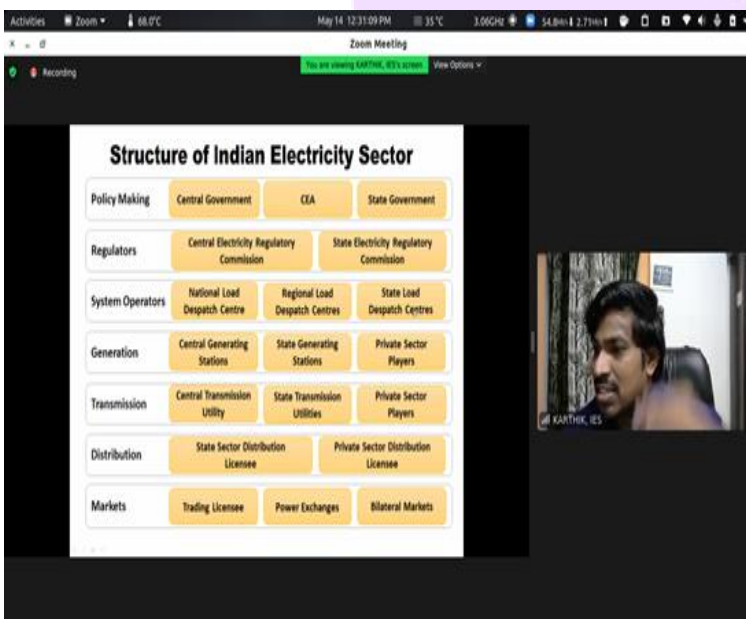
ADD - ON TRAINING

An Add-On Training is being organized for Students of 2nd and 3rd year by Department of Electrical Engineering. Add-On Training includes various courses like Deep Learning and Machine Learning for AI with Python, C Programming Language, etc.



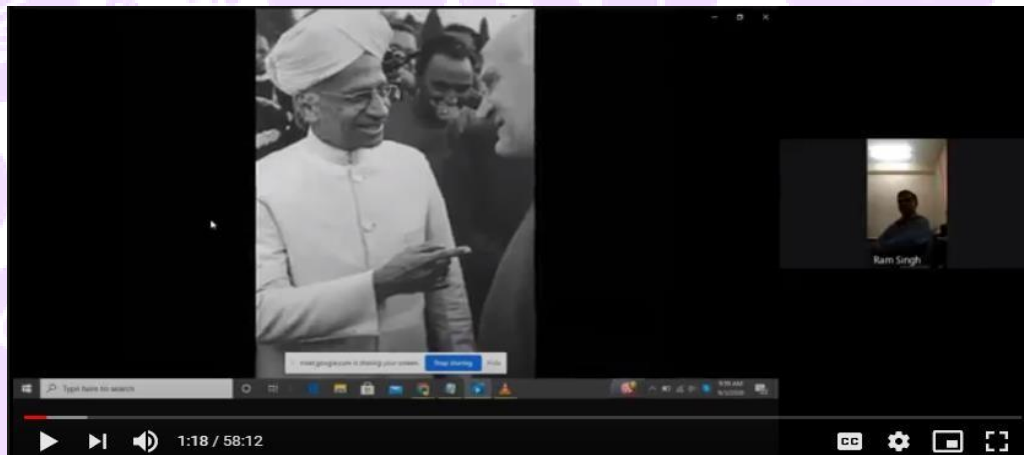
EXPERT TALK: GRID SYSTEM IN INDIA

Department of Electrical Engineering of Jaipur Engineering College & Research Centre (JECRC), Jaipur organized an EXPERT TALK on "Grid System in India" on 14th of May 2021.



TEACHER'S DAY CELEBRATION

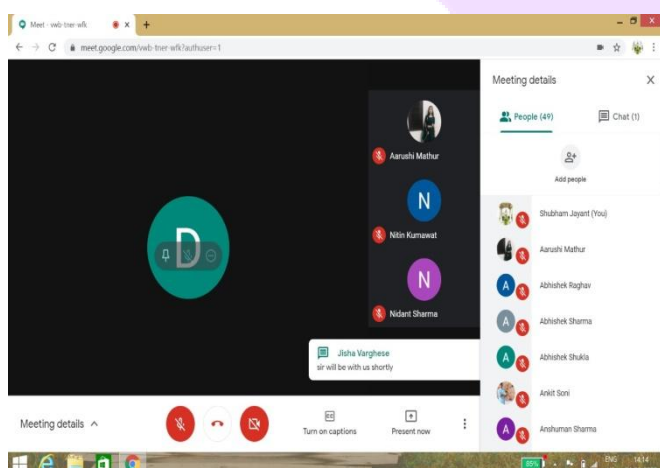
On the occasion of Teacher's Day, Department of Electrical Engineering organized a session on "The ROLE OF TEACHER IN THE GROWTH AND DEVELOPMENT OF STUDENTS" to show Gratitude and honor for our teachers who have been helping us in improving ourselves in all respects.



MOTIVATIONAL SESSION

On 24th September, 2020 Department of Electrical Engineering JECRC, Jaipur organized a Motivational Session for students of the EE department. Mr. Nidheesh Goyal is the Motivational speaker. The program started with our National Anthem followed by an enthusiastic speech by the Head of Electrical Engineering department Mr. Prerak Bhardwaj. He enlightened the students through his words with a formal description of the event.

The program was ended by a vote of thanks by Mr. Atul Kulshrestha, Dy. HOD, E.E. Department.



Motivation Through Power & Courage Session Invite:

A hero is an ordinary individual who finds the strength to persevere and endure in spite of overwhelming obstacles." - Christopher Reeve - Quotes On Strength

- Session: Motivation Through Power & Courage
- Date: 24th September 2020
- Time: IST 02:00PM To IST 03:00PM
- Speaker: Mr Nidheesh Goyal
- Session Hosted By: Department of Electrical Engineering (JECRC)
- Session Coordinator: Ms Jisha Varghese
Ms Neha Agarwal
Mr Sunil Sharma

SMART INDIA HACKATHON 2020 @ JECRC FOUNDATION

JECRC University inaugurated the World's Biggest Model Smart India Hackathon 2020 on 1 August 2020 in the presence of Shri Pankaj Jhunjia, Head of Mobility Services TATA Motors and Shri Vinay Kumar, Partner Group Engineering Manager Microsoft. Shri Dheemant Agrawal, Director Digital Strategies welcomed the Guest of Honor and the guests.

It was a grand day for whole JECRC Fraternity as Shri Ramesh Pokhriyal 'Nishank', Hon'ble Minister of HRD has inaugurated the World's Biggest Innovation Model Smart India Hackathon which will witness 150+ participants and thousands of enthralling ideas. It was the moment of great pride and achievement for us that we are hosting SIH for the 4th time in a row. Everyone wished SIH Participants all the luck.

Hon'ble Prime Minister Shri Narendra Modi interacted with the SIH2020 participants at JECRC University venue. PM Modi asked them questions and the students answered magnificently.

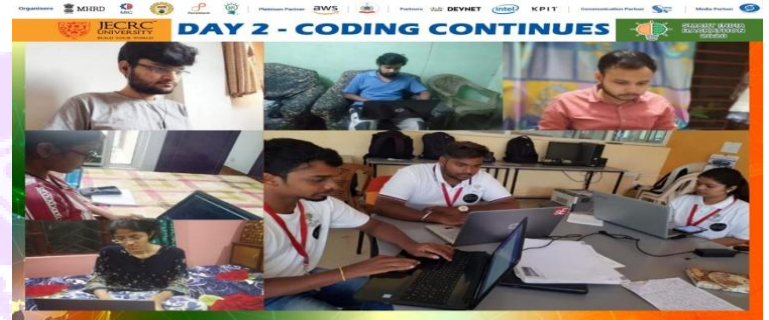
JECRC's own Team Phoenix got a chance to interact with Dr. Abhay Jere, Chief Innovation Officer MHRD Innovation Cell. He apprised the participants to thank their Nodal Centers for all the facilities and support provided by them.

The 4th Edition of World's Biggest Innovation Model Smart India Hackathon 2020 came to an end. The Valedictory Ceremony of #SIH2020 was conducted virtually by JECRC University.

SIH2020 was a wonderful 3- day coding event embraced by participants from all over the country. Mr. Venkatesh Sarvasiddhi, Senior- Head, Digital Skills, Innovation, Industry Partnership & CSR, Nation Skill Development Corporation (NSDC), India was our Chief Guest for the Valedictory Ceremony of Grand Finale #SIH2020. Director – Digital Strategies Mr Dheemant Agrawal introduced our chief guest to the [viewers](#).



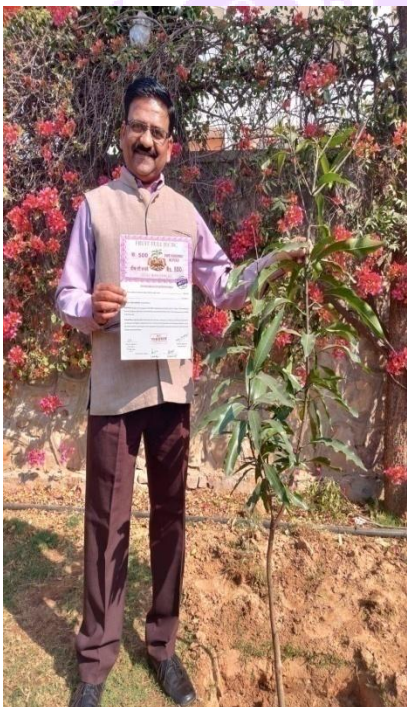
CAMPUS TALK 2020-2021



The ceremony was graced by Shri Amit Agrawal, Shri Arpit Agrawal, Vice- Chairperson JECRC University along with the Leadership Team and the Core Team of SIH 2020. Mr. Venkatesh congratulated all the winning teams and wish them all the luck for their future.

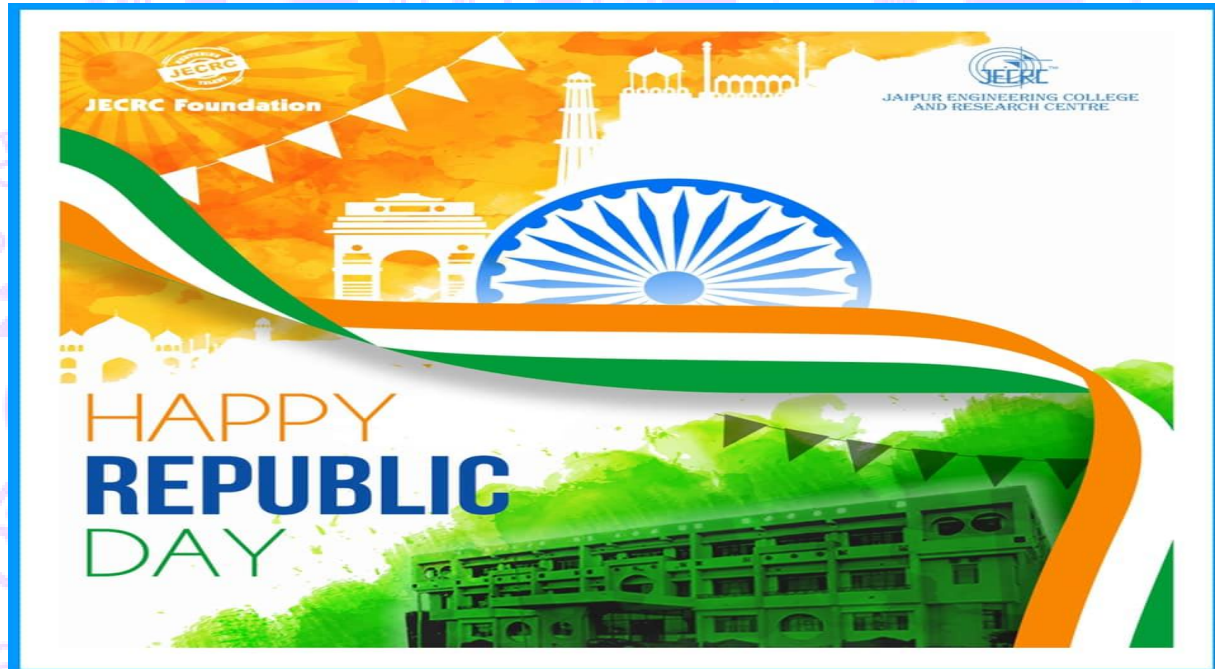
JECRC thanked Mr. Venkatesh for his valuable time and guidance.

INDEPENDENCE DAY @ JECRC FOUNDATION



This 15th August team JECRC got together again to plant 50 more trees at various locations in JECRC. Our lush green campus has long been cherished by every stakeholder and is something that we hold dearly to our heart. This year JECRC has undertaken a unique initiative wherein we will plant 500 fruit bearing trees in the campus. Aptly its called "Fruitfull JECRC". This initiative was set rolling by the our Director Sh. Arpit Agrawal on his birthday on 17th February. . Another endearing aspect of this initiative is that willing faculty members can have the trees named after them on signing an MoU. We invite all members of the JECRC Family to join us in this environment friendly drive.

72ND REPUBLIC DAY@ JECRC



Saluting India! Where each bud blooms in its true colors, where each day is celebration of unity, harmony and synthesis.

With patriotism in heart & freedoms in our mind JECRC gathered to celebrate our 69th Republic Day. The Chief Guest for the day was Dr. V.K Chandna, after Flag hoisting he addressed the Students & Faculty members with his motivational words. The day ended with beautiful & mesmerising performances by stars of JECRC

NETAJI SUBHASH CHANDRA BOSE JAYANTI

Netaji Subhash Chandra Bose Jayanti or Subhas Chandra Bose's birthday is celebrated on 23rd January every year to remember and honour Netaji's vigour as one of the greatest freedom fighters of India. This day tributes the birth of India's most celebrated revolutionary and visionary freedom fighter who spent his entire life fighting for the independence and honour of this nation. People across India celebrate this day in unity. The Indian government decided to celebrate January 23 as 'Parakram Diwas' every year. Subhash Chandra Bose was a man of great courage and willpower; he was a true son of his motherland; a scholar, a patriot, a leader, an intellectual, a visionary, a socialist, and a warrior. His untiring efforts for the freedom of his nation earned him the greatest and most respected titles of all times, Netaji. His birthday is celebrated across India by garlanding his statue; hosting Indian national flag, and organizing cultural programs in institutes.

Department of Mechanical Engineering of Jaipur Engineering College and Research Centre, Jaipur celebrated this day and organized the following events in the memory of Netaji Subhash Chandra Bose.

- Essay writing competition,
- Debate competition, and
- Designing Virtual Posters depicting Netaji's work.

On this occasion the students participated in the above three events with full zeal and enthusiasm. We received most number of participation in the essay writing competition. Number of participant in essay writing competition is 58, in debate competition is 20 and in designing virtual posters depicting netaji's work is 23.

All these events were planned around Netaji Subhash Chandra Bose. The topics selected for these events are:

- Aazad Bharat

[Essay writing competition]

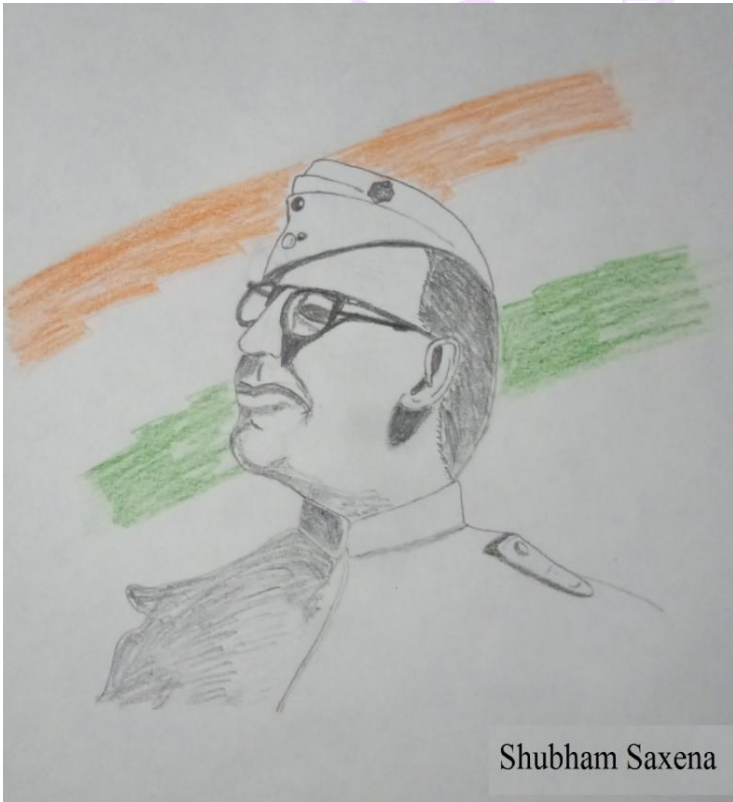
- Aaj Ka Bharat

[Debate competition]

- Netaji Subhash Chandra Bose: The Freedom Fighter

[Designing Virtual Posters depicting Netaji's work]

At the end of events, the respective faculty coordinator of each event concluded the event and thanked all the participants for showing their zeal and enthusiasm for these events organized by the Department of Mechanical Engineering of Jaipur Engineering College and Research Centre.



Shubham Saxena



Name - Abhinav Sharma ATU Roll No - 18EJCME008

"Azad Bharat"

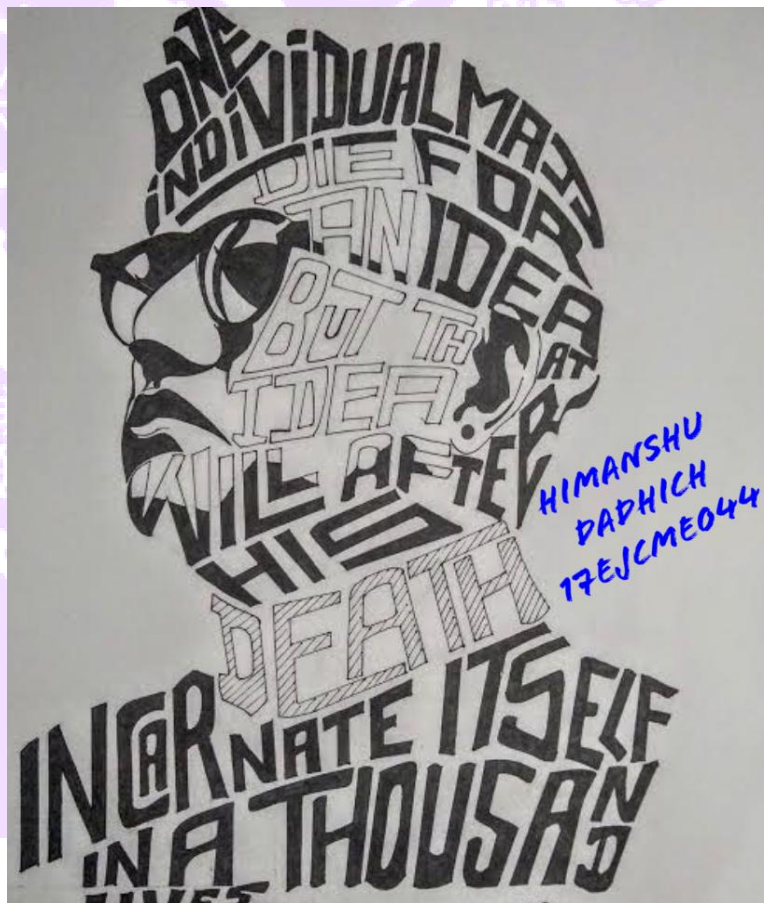
It is said that India got independence on 15 August 1947, but only some know that a man in Singapore on October 31, 1943 declared India's independence, almost four years before.

The man was Netaji Subhash Chandra Bose, whose birth anniversary we celebrate today, on January 23. On 31 October 1943 itself, Independent India was recognized by eleven nations of Soviet Union, including Italy, Russia, Japan, China, and Ireland.

But only because of political, the death of Netaji still remains a mystery, happened in 1945 plane crash, just before 2 years from 1947.

When in 1956, the then Prime minister of Britain came to India, was asked by the Governor of Bengal that, 'why did the British leave India, when they had already ousted the Quit India Movement in 1944?', to which the Prime minister of Britain replied that 'it was Subhash Chandra Bose and the Indian National Army that he established, which compelled the Brits to leave India.'

Today, we have to understand that it was the sacrifice of thousands of soldiers of INA & Netaji himself, that lead to "mother India's independence" rather the British.





**PATHMAKER
LEAGUE**

PLACEMENT DATA 2020-21

List of companies 2020-2021

SN	Name	Selections
1	Hexaware	15
2	DXC Technology	9
3	Learning routes	-
4	Hanu Software	6
5	ZS Associates	4
6	Hike Edu	-
7	HPE India	14
8	AdGlobal 360	2
9	Bill Desk	9
10	ATCS	12
11	Celebal	2
12	VVDN Techno	10
13	RMC Switchgear	4
14	Metacube	9
15	Xebia Technologies	3
16	Infosys Off campus	2
17	Commvault	-
18	Concrete IO	-
19	Tata Power	2
20	NIIT Techno (Coforge)	13
21	Lenevo	2
22	Mobcoder	3
23	Hashedinn	2
24	Deloitte (BCA& MCA)	-
25	AU Finance	10
26	MTX	3
27	BigStep	4
28	Nagarro	6
29	Pratham Software	4

30	Provis Technology	-
31	CRMIT Solutions	-
32	Auriga IT	1
33	TCS-Codevita	33
34	TCS NQT	128
35	L & T Infotech	36
36	L & T Infotech Phase 2	11
37	Salesforce	1
38	Chegg India	350
39	Accenture	76
40	Fexle Services	5
41	BYJUs	2
42	Traction on Demand	1
43	Unthinkable Solutions	12
44	XL Dynamics	-
45	Dotsquare Technologies	12
46	Wonderbotz	3
47	Sample assignment	-
48	School Log	-
49	Sundrainia Fund Services LTD	2
50	Pinnacle Infotech	38
51	360 degree cloud	4
52	Lido Learning	-
53	MpHRX	-
54	Xduce	-
55	Softsages	8
56	Infosys RTU	21
57	Ashiana Housing	2
58	Newgen - Pool drive	4
59	RxLogix	1
60	Zopper	1
61	Reliance JIO	1
62	JTC Jalan	1
63	Yudiz Solution	1

CAMPUS TALK 2020-2021

64	E2V	120
65	Rebuscode	3
66	Planet Spark	1
67	Jaro Education	-
68	K21 Academy	-
69	Apna Infotech	1
70	Fitpay	3
71	Bloombrain	3
72	Memores Virtual	1
73	Hariom Technologies	67
74	Biz4Group	5
75	Cloud Analogy	2
76	Ongraph Technology	2
77	NeoDove Tech.	1
78	Academia Guru	25
79	Just Dial	2
80	Keshav Kripa	3
81	Indo plast	1
82	Miracle	2
83	Appenventive	-
84	Programmers IO	2
85	Camp K 12	-
86	Hyrefox	-
87	Neosalpha	-
88	ALFA IT	1
89	Just Dial Phase 2	19
90	Asmi Global Softwares	3
91	Great Champ Technology	2
92	Tesca Technologies	1
93	Tech Mahindra	9
Total		1184

AWARDS

&

ACHIEVEMENTS



AWARDS RECEIVED BY JECRC

• RANK 2ND AMONGST THE TOP COLLEGES ALL OVER RAJASTHAN



Proud to Announce
JECRC has been ranked 2nd amongst
"The Top Colleges"
all over Rajasthan after BITS Pilani



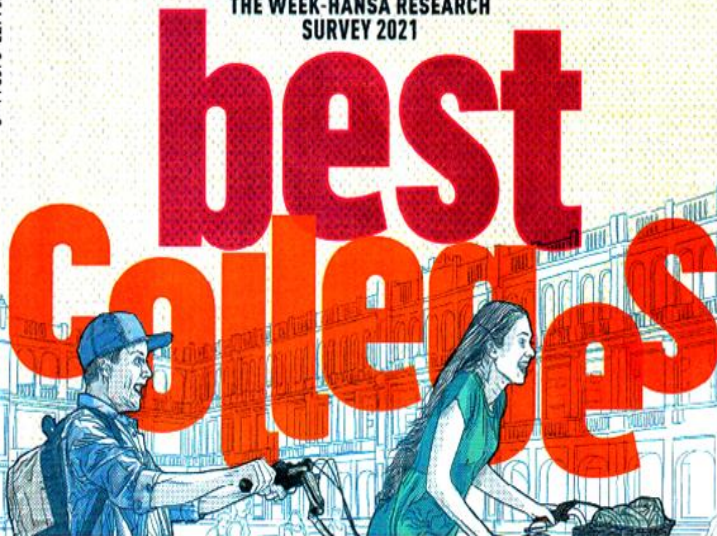
•THE WEEK

THE WEEK

P.V. SINDHU
IT WAS HARDER TO
WIN MEDAL IN TOKYO
WHEN TOP ATHLETES
CALL IN SICK

SPECIAL ISSUE

THE WEEK-HANSA RESEARCH
SURVEY 2021



9117703751227732

COVER STORY
BEST COLLEGES

PRIVATE ENGINEERING COLLEGES ALL INDIA

78	Annamacharya Institute of Technology & Sciences	Raampet	196
78	Jaipur Engineering College and Research Centre	Jaipur	196
80	R.M.D. Engineering College	Kararapettai	193
81	Naturi Venkata Subba Rao (MVSR) Engineering College	Hyderabad	190
82	Anurag University	Hyderabad	189
82	Vardhaman College of Engineering	Hyderabad	189
82	Cambridge Institute of Technology	Bengaluru	189
85	Nandha Engineering College	Erode	188
86	M. Kurrarasamy College of Engineering	Kanur	185
86	Malla Reddy Engineering College for Women	Secunderabad	185
86	IES College of Technology	Bhopal	185
89	All India Shri Shivaji Memorial Society's College of Engineering	Pune	184
89	Hindustan College of Engineering and Technology	Coimbatore	184
89	SYS College of Technology	Coimbatore	184
89	CMR Technical Campus	Hyderabad	184
93	Quantum School of Technology	Roorkee	183
93	Kammuri Pratap Reddy Institute of Technology	Hyderabad	183
95	Sri Sai Ram College of Engineering	Rampur	182

Girish Desai

Executive director,
Pimpri Chinchwad
Education Trust
(PCET), Pune

If education
institutes are
allowed to take

ENGINEERING COLLEGES ALL INDIA

77	Annamacharya Institute of Technology & Sciences	Rajampet	196
77	The Oxford College of Engineering	Bengaluru	197
80	Amity School of Engineering & Technology	Jaipur	197
81	KCG College of Technology	Chennai	198
81	ABES Engineering College	Ghaziabad	198
81	Institute of Engineering & Management (IEM)	Kolkata	197
81	The Northcap University	Gurugram	197
81	Federal Institute of Science and Technology (FISAT)	Ernakulam	197
85	CMR Institute of Technology	Bengaluru	198
86	IIMT College of Engineering	Greater Noida	199
87	Shri Vishnu Engineering College for Women	Bhimavaram	199
88	BRACT's, Vishwakarma Institute of Information Technology	Pune	199
88	Chi Co Eng		
88	KIET Group of Institutions	Ghaziabad	200
105	Jaipur Engineering College and Research Centre	Jaipur	196
107	Maturi Venkata Subba Rao (MVSR) Engineering College	Hyderabad	190
108	Vardhaman College of Engineering	Hyderabad	189
109	Nandha Engineering College	Erode	188
109	Malla Reddy Engineering College for Women	Secunderabad	185
112	All India Shri Shivaji Memorial Society's College of Engineering	Pune	184
113	SNS College of Technology	Coimbatore	184

COVER STORY
BEST COLLEGES

PRIVATE ENGINEERING COLLEGES NORTH ZONE

6	Meharaja Agrasen Institute of Technology	Delhi	236
7	Chitkara University Institute of Engineering & Technology	Pskola	234
8	G. I. Rajaj Institute of Technology and Management	Greater Noida	232
9	University of Petroleum and Energy Studies	Dehradun	222
10	Faculty of Engineering and Technology - Massey	Fatehabad	206
11	Meharaja Surajmal Institute of Technology	Delhi	201
12	KIET Group of Institutions	Ghaziabad	200
13	IIMT College of Engineering	Greater Noida	199
14	ABES Engineering College	Ghaziabad	198
15	Amity School of Engineering & Technology	Jaipur	197
15	The Northcap University	Gurugram	197
17	Jaipur Engineering College and Research Centre	Jaipur	196
18	Cassidian School of Technology	Roorkee	183
19	Maharishi Markandeya Engineering College	Mullana, Ambala	182
20	Greater Noida Institute of Technology (GNCT Group of Institutions)	Greater Noida	177
21	Amity School of Engineering & Technology	Lucknow	172

Tejinder Kaur

Principal, Army
Institute of Law,
Mohali

The effective
methods of
teaching,
conducting

• NATIONAL BUSINESS LEADERSHIP & SERVICE EXCELLENCE AWARDS, 2020



•ASIAN ACHIEVERS AWARDS 2020



STUDENT'S ACHIEVEMENTS

DAB INDIA

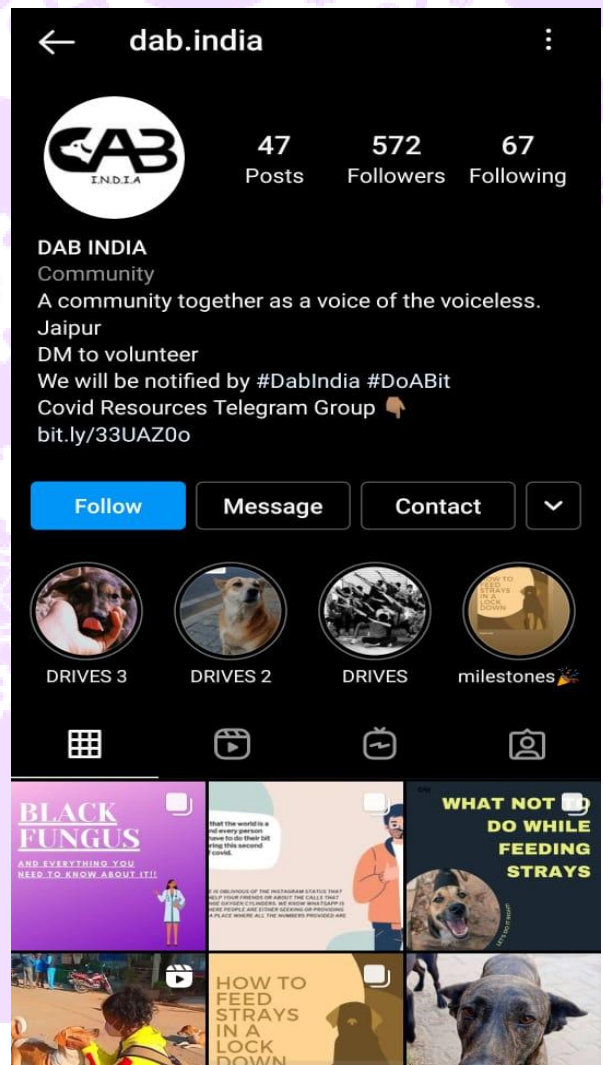
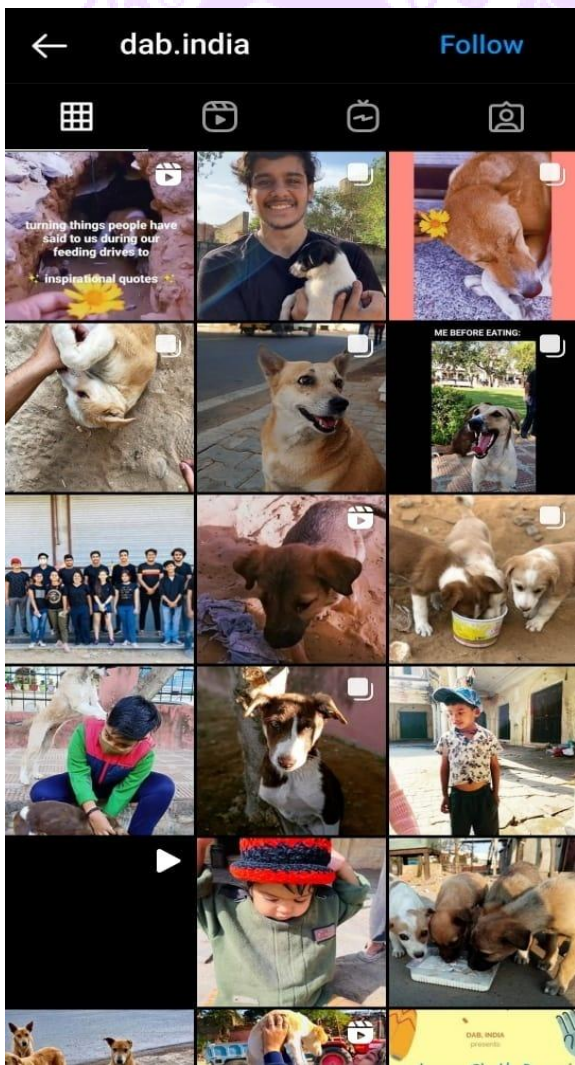


The Department of Civil Engineering has always shown great amount of interest and encouraged their students to spread awareness on various social issues , like environment protection, hygiene, sustainable living, animal protection and many major issues too from time to time. Keeping this in mind various students have devoted themselves to the welfare of the society and the needy voiceless. One such gem of Civil Department is ADITYA PAREEK.

Message From Aditya:

Hello everyone, I'm Aditya Pareek and I am pursuing B. Tech(Civil) from JECRC Foundation. I am a social worker, poet, photographer, social media handler, event planner and I run an organization called "DAB INDIA". DAB India is a community with the motto of Do A Bit to make the animals feel safe and at home which are generally neglected by our society. Me and my team gather on every Sunday to achieve successful drives in which we take care of animals by sheltering them and providing them with food and other basic necessities. Proper measures for hygiene are taken into account along with the use of gloves and sanitizers. I really love dogs so I told my self let's start with this and I started the initiative in 3-4 colonies with my two friends. Now it has grown into a considerable team with really nice members.

We are planning to organize some meet-ups and national level program for awareness about animal cruelty, nature and education and I have a vision to work with UNICEF.I really want people to get platform for this kind of work where they can help the voiceless freely and wholeheartedly without any restrictions.



ALI BABA CLOUD DEVELOPER

Mehul Kulshrestha, 6CSD won the First Prize in the Alibaba Cloud Developer Circle 2021 among all participants in India.

He got \$2,000 cash Prize, \$2000 Alibaba Credits, Customized Merchandise and Certificate under the proper guidance of Dr. VIJETA KUMAWAT.



उदयपुर

लेकसिटी के 3 युवाओं ने कोरोना पीड़ितों को ऑक्सीजन, भोजन व प्लाज्मा डोनर की जानकारी देने को बनाई एप

इस लिंक से डाउनलोड कर सकते हैं एप : <https://udaipurcovidhelpline.web.app/>

सिटी रिपोर्टर | उदयपुर

कोरोना महामारी के विकराल रूप से निपटने के लिए लेकसिटी के करण कोठारी, हर्य मेहता और तुषार जैन ने कोरोना पीड़ितों और आमजनों की मदद के लिए हेल्पलाइन वेबपोर्टल एवं एप तैयार किया है। पोर्टल से 24 घंटे, मेडिसन, ऑक्सीजन अवेबिलिटी, फूड सर्विस, प्लाज्मा डोनर आदि की जानकारी मिल



करण कोठारी



तुषार जैन



हर्य मेहता

सकती है। करण ने बताया कि हम तीनों दोस्त हैं और बीटेक सेकंड ईयर में कंप्यूटर साइंस के स्टूडेंट

हैं। अभी कोरोना टाइम में लोगों को सही समय पर जानकारी नहीं मिल पाती। सोशल मीडिया पर भी कई नंबर वायरल होने से लोगों में भ्रम हो जाता है। इन नंबरों पर फोन करते हैं तो फोन स्विच ऑफ बताता है और समस्या बढ़

जाती है। इसके समाधान के लिए उन्होंने एप बनाने का विचार किया। इसके लिए अखबार और सरकारी वेबसाइट पर नंबर देख कर उन्हें एप पर अपलोड किया है।

टीम के सदस्य हर 24 घंटे में एक दो बार इन नंबरों को फोन करके पता करते हैं कि नंबर चालू है या बंद। नंबर बंद होने पर उन्हें हटा देते हैं और नया नया नंबर आने पर अपलोड कर देते हैं।

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05 OTHER SERVICES

DOWNLOAD LINK:
<https://udaipurcovidhelpline.web.app/>

DOWNLOAD APP FOR ALL INFORMATION

Stay Home
Stay Safe

TOP PROJECTS OF MECHANICAL FINAL YEAR BATCH 2020

•ADJUSTABLE SHELVES AND FOLDING BAR REFRIGERATOR



•DESIGN FABRICATION AND TESTING OF LOW COST SOLAR STILL



•DESIGN AND FABRICATION OF THRIFTY EFFICIENT AIR CONDITIONING SYSTEM



•ELECTRIC THERMAL GLOVES



•ANTI TANK MINE DETECTOR AND EXTRACTION



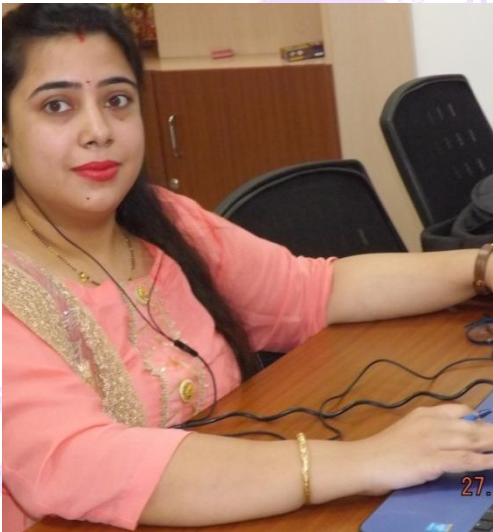
STUDENT'S ACHIEVEMENTS

- **Janvi Motwani**, CS secured 1277th rank globally in CodeJam-an international coding competition conducted by Google on March 26, 2021.
- **Nikhil**, IT secured 8th position in hackathon sponsored by RTU Kota, and organized by RTBI, JECRC from 3rd February-6th February 2021.
- **Jalaj Bohra**, IT secured 2nd position in open mic competition which was conducted in offline mode in the College Campus on 20th February in the weekend blast event which was coordinated by Mr. Pranshu Sharma.
- **Nishant Singh Kushwah**, IT secured 8th position in Hack-A-Quiz, a general awareness quiz, organized by RTBI from 6th-7th February 2021.
- **Jay Jignesh Bhavsar**, won audio vibes competition which was held on 13th March 2021 in the weekend blast event coordinated by Mr. Pranshu Sharma.
- **Manisha Gehlot**, IT secured 3rd position in War of words, an event of Virtual Renaissance, held between 25th-27th June 2021.
- **Konika Nagar**, IT secured 2nd position in Brilliant Brushes, an event of Virtual Renaissance, conducted between 25th-27th June 2021.
- **Abhijeet Dadheech**, ECE secured 1st position in Tambola and 1st position in Dum Charades, events of Virtual Renaissance, conducted between 25th-27th June 2021.
- **Aryan Sharma**, ECE secured 1st position in Dumb Charades, an event of Virtual Renaissance, conducted on 25th and 26th June 2021.
- **Ayush Sharma**, ECE secured 1st position in COD and Dumb Charades, events of Virtual Renaissance, conducted between 25th-27th June 2021.

BEST FACULTY AWARD

S. No.	Program	Name of faculty
1	Civil Engineering	Shri Yogesh Kumar Agarwal
2	Civil Engineering	Shri Pradeep Kumar Jain
3	Civil Engineering	Shri Jitesh Kumar Jain
4	Computer Science & Engineering	Dr. Sanjay Gaur
5	Computer Science & Engineering	Ms. Manju Vyas
6	Computer Science & Engineering	Ms. Priyanka Mitra
7	Electrical Engineering	Shri L. Senthil
8	Electrical Engineering	Shri Gopal Tiwari
9	Electrical Engineering	Ms. Sonali Chadha
10	Electronics & Communication Engineering	Dr. Sandeep Vyas
11	Electronics & Communication Engineering	Dr. Vinita Mathur
12	Electronics & Communication Engineering	Shri Vikas Sharma
13	Electronics & Communication Engineering	Ms. Ritambhara
14	Information Technology	Shri Naveen Kumar Kedia
15	Information Technology	Ms. Deepika Bansal
16	Information Technology	Shri Piyush Gautam
17	Mechanical Engineering	Dr. Mahendra Pratap Singh
18	Mechanical Engineering	Dr. Fauzia Siddiqui
19	Mechanical Engineering	Shri Yogesh Dubey
20	Chemistry	Dr. Barkha Srivastava
21	Mathematics	Dr. Sarita Punia
22	English	Dr. Neelu Jain
23	Physics	Dr. Raj Kumar

EDITOR'S DESK



Mrs. Palak Jindal

(Deptt. Of Mechanical Engineering)

Editor in Chief

Ms. Nida Khanam

(Deptt. Of Civil Engineering)

Editor in Chief

"Coming together is a Beginning, Keeping together is progress and Working together is success."

Well for unleashing a person's creativity a proper medium is prerequisite, the quintessence of which is nicely imprinted. In *CAMPUS TALK* students can expose their literary & artistic talents, each issue of our magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations.

We hope that our readers had an awesome experience in browsing "*CAMPUS TALK*". This is a one-step information guide on what's happening in our college & lots more!!!!!!

It has unleashed a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine.

We are very thankful to all Faculties & Students for their contributions in making this *CAMPUS TALK* a grand success. We shall assure all our readers that our consistent efforts will be aimed toward increasing the visibility, impact, editorial cycle time, citations and the overall quality of our Magazine. We hope our readers and patrons share a similar vision, and we look forward to a productive, challenging and successful years ahead. In the spirit of continuous improvement, any constructive input on streamlining our processes is very welcome

Stay Safe Stay Healthy!!!!!!