2020

JULY-AUG-SEPT EDITION

CSE BYTES

A CSE NEWSLETTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INDEX

01. Director's Desk	04
02. Principal's Desk	05
03. Hod's Desk	06
04. Vision & Mission of JECRC	07
05. Vision & Mission of Department of CSE	08
06. Program Outcomes	09
07. Program Educational Objectives	10
08. Program Specific Outcomes	10
09. JIC SHE-Talks	11
10. InnoLogue Series	12-15
11. Online Classes	16
12. Keynote Series	17-26
13. Abhyudaya	27
14. Webinar	28-29
15. Smart India Hackathon (SIH)	30-32
16. Fruitfull JECRC	33
17. International conference	34
18. Online Placement Training	35
19. External Diagnosis Panel	36
20. National Workshop	37
21. Faculty Development Program (FDP)	38
22. And we did it !	39
23. Thought Management and Leadership	40-41
24. Behind CSE Bytes	42

ABOUT
JECRC FOUNDATION

An individual's freedom lies in the way he is taught to express his thoughts, and this expression essentially comes from education. Established over a decade ago, JECRC Foundation has been providing quality education to its students, setting rationale in their minds for the transformation of technology, and ideologies of the world at large.
Perceived as the unparalleled educational group, JECRC Foundation is continuously ascending the steps of glory by establishing premier institutes in the field of engineering, management and pure & applied sciences; viz. :

Jaipur Engineering College & Research Centre (JECRC)
JECRC UDML College of Engineering (JECRC UDML)
JECRC University

Every year, more than 5000 students entrust JECRC Foundation with the responsibility of shaping their minds for a better future. Commanding the priority list of best engineering colleges in Jaipur, it has become the preferred choice of students from all across India, showing keen interest in admissions through various mediums of JEE and REAP.
Development of a unique and creative approach to life and education is the prime focus of JECRC Foundation.

DIRECTOR'S DESK

Mr. ARPIT AGRAWAL

Director, JECRC

Education acts as a pillar for building an affluent and fortunate future. Keeping this in mind and griping up the importance of good education for grooming children, JECRC Foundation has been serving it's best efforts. We at JECRC aim at making the learning proccess boundless and bona fide so that students can explore every nook of themselves and can procure best in them.

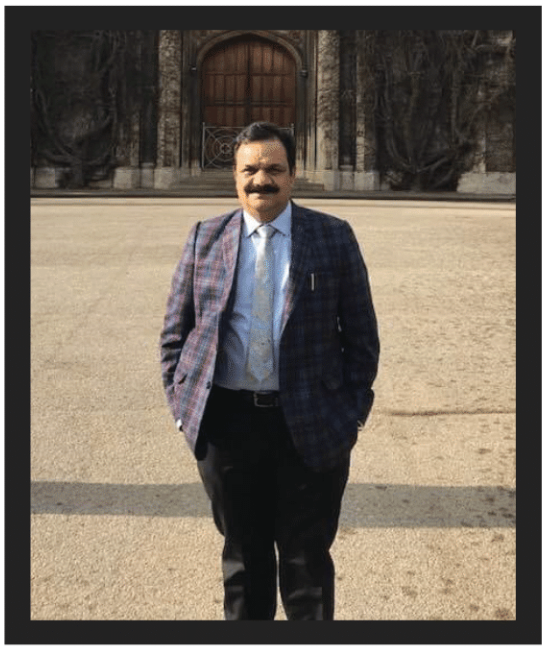
This noteworthy attempt of bringing in notice the happenings of department and giving the achievements a people's glance is a work of great endeavor and admiration. As this newsletter is again out for its's purpose of connecting with all the members, I appreciate the toil of CSE department for keeping up the initiative and putting enormous efforts behind this strenuous task. I am glad for having this initiative graced with such a great team.

The dedication and commitment of CSE department for making JECRC a central hub of all intellectual activities and acting as an axis to provide a manifesto for innovative discussions among juveniles is remarkable.
Apart from this, enormous students getting placed in distinctive companies fills me with immense pleasure and a feeling of pride.
I have no doubts that with this pace, the institute will unemittingly march ahead of other eminent institutes.

PRINCIPAL'S DESK

Prof.(Dr.) V.K. CHANDNA

Principal, JECRC



To grow a tree of invention, a seed of innovation needs to be sown. Engineer's mind is the hub of innovative thoughts which when flourished in right direction can ripe into great inventions. We at JECRC ensure that the students are given proper guidance and superintendence to espouse meticulous path for themselves.

The faculty members of CSE department and technical staff members make sure to equip the students with newly emerging technologies, outcome based learnings, research driven projects and various other programs which are structured for assisting the students to grow in diverse dimensions. The teaching technique is such that students are furnished with both professional and technical knowledge along with the enhancement of their management skills.

Within a short span of time, JECRC with the help of supportive faculty members and cooperative staff is achieving eminent progress and will strive towards attaining greater heights in near future as well.

HOD'S DESK

Dr. SANJAY GOUR

Head of Department CSE, JECRC

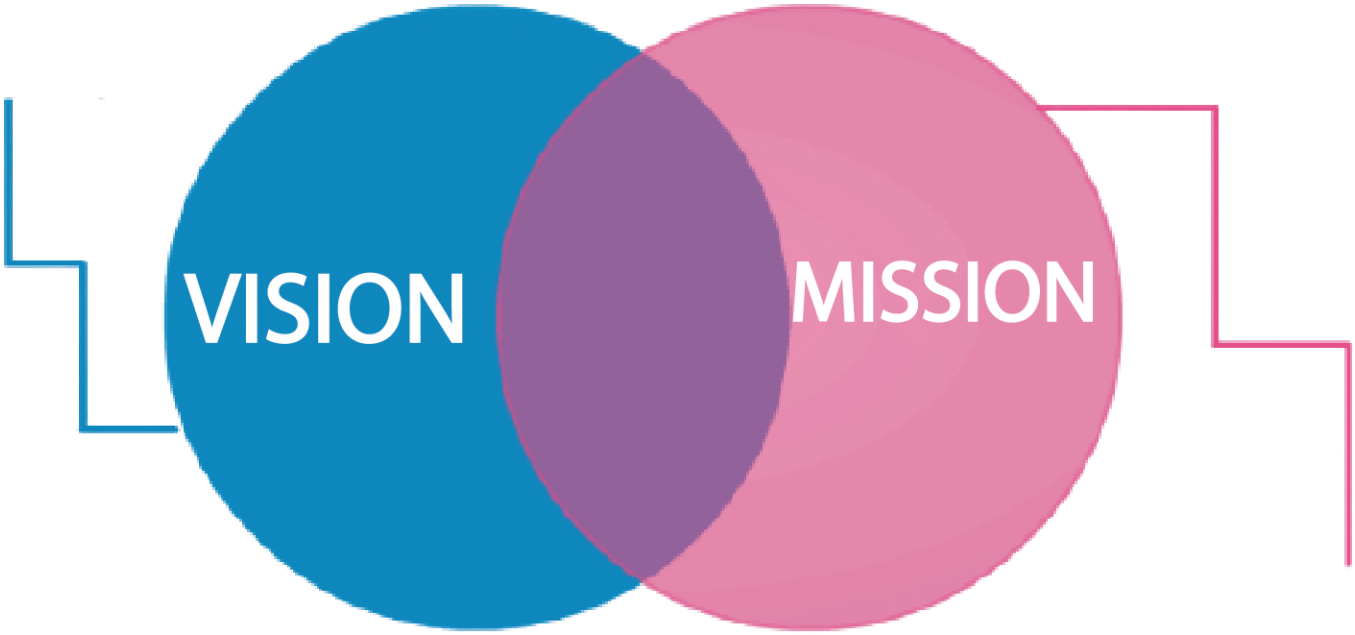
'Opportunities don't happen. You create them.'
Being a part of an esteemed institution like JECRC, the CS department endeavours to constantly achieve it's aims and objectives. The constructive faculty members are incorporating new plans and innovating new schedules just to meet the criterion of an ideal engineer.

The CSE department is showing remarkable growth in terms of education and futuristic approach. The heightening ambitions of the CS students is a constant source of motivation for the college and faculty, demanding changes at different levels and organising more co-curricular activities. Students have shown keen efforts in start ups thus experiencing innovation at higher altitudes.

The active participations in hackathons, Ted-ex , workshops and sessions are making them a more productive learner. With a thought of triumph in our mind, we are nurturing talent and impelling students to be entrepreneurs, researchers, programmers and developers as well.

Vision & Mission of JECRC

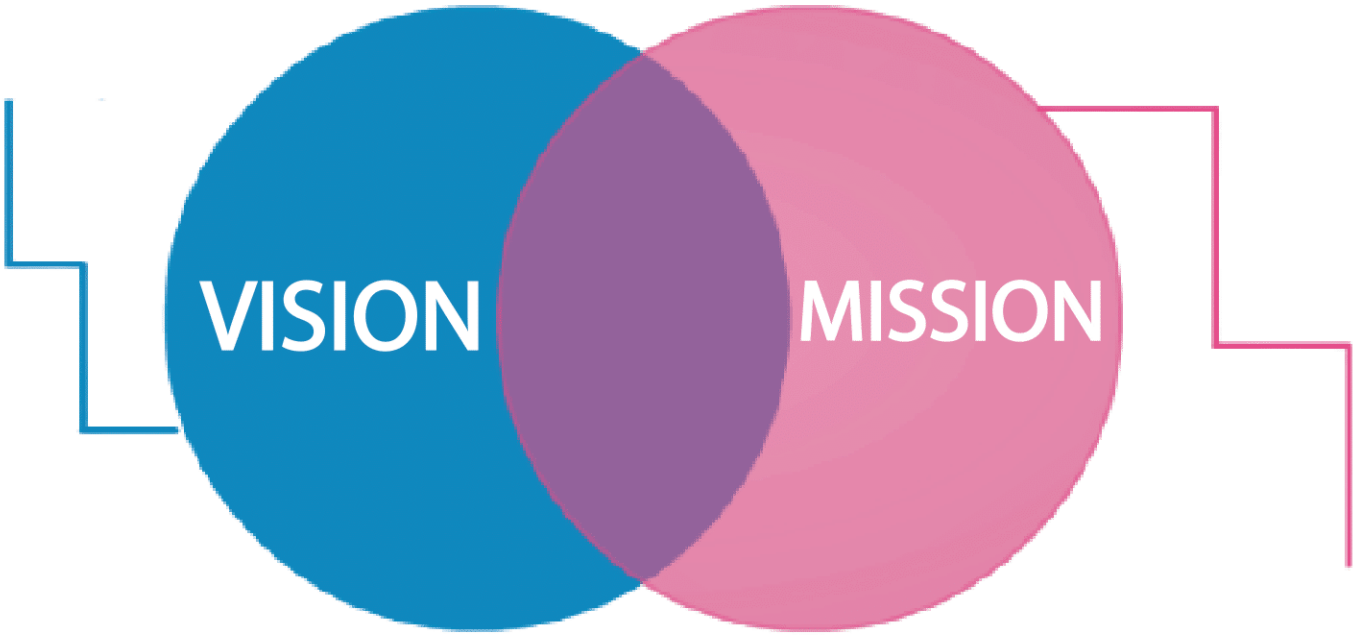
To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.



- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, 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.

Vision & Mission of Department

To become renowned Centre of excellence in computer science and engineering and make competent engineers & professionals with high ethical values prepared for lifelong learning.



M1. To impart outcome based education for emerging technologies in the field of computer science and engineering.
M2. To provide opportunities for interaction between academia and industry.
M3. To provide platform for lifelong learning by accepting the change in technologies.
M4. To develop aptitude of fulfilling social responsibilities.

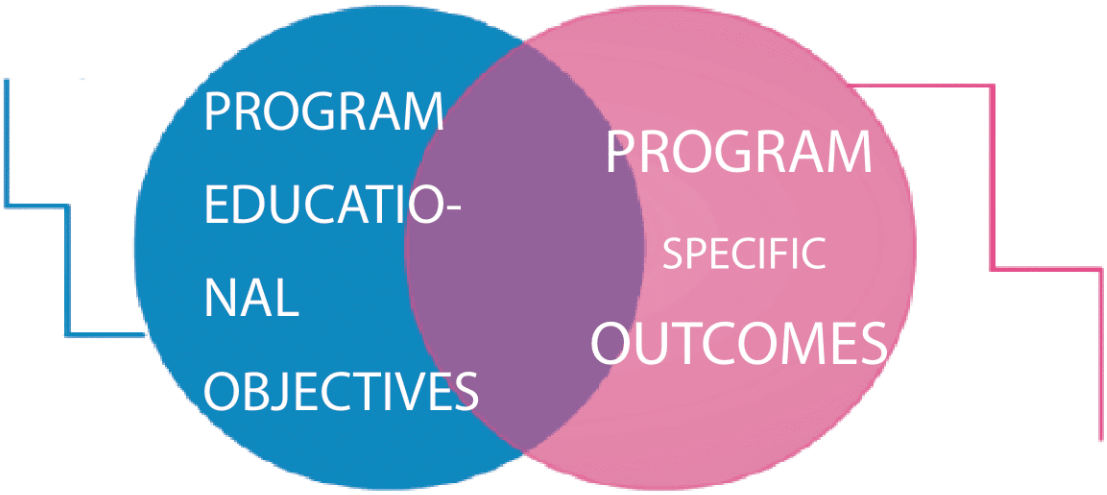
Program Outcomes

1. Engineering knowledge: Apply the knowledge of mathematics, science, engi neering fundamentals, and Computer Science & Engineering specialization to the solution of complex Computer Science & Engineering problems.
2. Problem analysis: Identify, formulate, research literature, and analyze complex Computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex Computer Science and 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.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Computer Science Engineering activities with an understanding of the limitations.
6. 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 Computer Science and Engineering practice.
7. Environment and sustainability: Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.
10. Communication: Communicate effectively on complex Computer Science and 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.
11. Project management and finance: Demonstrate knowledge and understanding of the Computer Science and 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.
12. 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 in Computer Science and Engineering.

PROGRAM EDUCATIONAL OBJECTIVES

1. To provide students with the fundamentals of Engineering Sciences with more emphasis in Computer Science & Engineering by way of analyzing and exploiting engineering challenges.
2. To train students with good scientific and engineering knowledge so as to comprehend, analyze, design, and create novel products and solutions for the real life problems in Computer Science and Engineering
3. To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues with social issues for Computer Science & Engineering.
4. To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful professional career in Computer Science & Engineering.

   5: To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge in Computer Science & Engineering.



PROGRAM SPECIFIC OUTCOMES

1. Ability to interpret and analyze network specific and cyber security issues in real world environment.

2. Ability to design and develop Mobile and Web-based applications under realistic constraints.

JIC SHE- Talks

Session 1

"Define success by your own terms, achieve it by your own rules, and build a life you are proud to live."

Keeping this spirit alive, JIC brought a very special series, "SHE-Talks" to inspire young girls to explore the entrepreneurial lines and expand their horizons. The First session of SHE-Talks was organized on 23rd May 2020 at 05:00 P.M.

The two esteemed personalities who graced the panel were:

1. Ms Iti Rawat, Director & Co-Founder, Thinkhall, Training & Consultancy | Founder, WEFT (Women Entrepreneurs for Transformation)
2. Ms Aanchal Saini (CEO, Flyrobe)

Session 2

The 2nd Session of JIC SHE- Talks was commenced by the presence of Ms Hemalatha Annamalai (Chair, TIE Women; President, TIE Coimbatore; Founder, Uni Connect pvt Ltd.) and Ms. Sheenu Jhawar (Chapter Lead, TIE Women- TIE Rajasthan; Director, Apex Hospitals pvt. Ltd. & ACE Vision Health Consultants Pvt. Ltd.) The event became more memorable as it was exalted by the presence of our Chairperson, Shri O.P. Agrawal, who appreciated the initiative which works for enabling young minds to build a better future for themselves and the Nation.

The event gained success as it saw a participation of 200+. Throughout the event our guests provided the participants with insights of their experiences, the challenges they faced, their motivation force, entrepreneurship, and TIE.

JECRC extended their gratitude towards TIE Women, TIE Rajasthan, TIE Coimbatore and TIE Global for extending support and inviting women entrepreneur from Rajasthan Ecosystem. Shri O.P. Agrawal, Mr. Dheemant Agrawal and Ms. Mansi Agrawal also attended the event and motivated the young minds.

INNOLOGUE SERIES

1st Session

The third session of InnoLogue -An Innovation Talk Series was graced with the presence of Dr. Sumit D.Chowdhury, Founder CEO of Gaia Smart Cities and the CTO of Brookfield Properties in India. He is recognized as the renowned Business Leader, an amazing Author, inspiring Motivational Speaker, Entrepreneur, and a Futurist.

Mr. Sumit is a global thought leader and CXO in the field of Smart Cities, Telecom, Information analytics and an Urban Design enthusiast. His prior roles include being a President/CIO of Reliance Jio, VP of IBM, CIO of Reliance Communications, and Managing Partner of KPMG. He is an author of a bestselling career management book, 'Rules of the Game'. He was the Program Director of Swachh Bharat Mission and IT Expert for several Smart Cities projects. He is an advisor for BARC (Broadcast Audience Research Council). He is also associated with Atal Innovation Mission as a Mentor of Change.

1st INNOLOGUE SESSION

Dr Sumit D.Chowdry Founder CEO of Gaia Smart Cities and the CTO of BrookField Properties in india

INNOLOGUE SERIES

2nd Session

The fourth session of “InnoLogue- an Innovative Talk Series” was commenced with the presence of Shri Ramanan Ramanathan, Mission Director Atal Innovation Mission, Additional Secy NITI AAYOG, Government of India. He is the man who aims to establish and promote a vibrant culture of innovation and entrepreneurship nationwide.

R Ramanan was formerly Managing Director and CEO of CMC Ltd, an auxiliary of the all-around acclaimed Tata Consultancy Services (TCS). In his association with TCS, he has played vital roles ranging from product development, technical marketing, global business development, and general management of large centres of the company. This multilingual personality holds various prominent awards and accolades by national and international authorities.

2nd INNOLOGUE SESSION

Shri Ramanan Ramanathan Mission Director Atal Innovation Mission, Additional Secy NITI AAYOG, Government Of india

INNOLOGUE SERIES

3rd Session

In the fifth session of “InnoLogue- an innovative talk series” we had with us Shri Anil Bhasin, President at Havells India Limited. He is the man who believes that it is important to trust your team and give them independence to work.
Anil Bhasin joined Havells in the year 2004, since then setting one goal and achieving it relentlessly and moving on to another has been more of a daily habit for him. This multilingual personality holds the various prestigious awards and the art of a motivational speaker blended with a perfect PR.
In his address, he talked about the 4 D’s of Innovation i.e. Desire, Direction Dedication and Discipline. While sharing the matrix of innovation, he explained how creativity and passion are the prominent characteristics for Innovation. His belief “Learning is a life-long process and life is a journey, not destination” inspired the young minds to be innovative.

3rd INNOLOGUE SESSION

Shri Anil Bhasin, President at Havells India Limited

INNOLOGUE SERIES

4th Session

To grace our sixth session of Innologue an Innovative talk series, we had Mr Nikhil Malhotra, the Global Head of Master's Lab the thin-q-bator at TechMahindra.

Nikhil has 15 years of Industry experience which range from teaching at premier institutes like RMIT, to working with IBM global services and TechMahindra. He played an instrumental role in the innovation of the Healthcare Robot' Saarthi". The list of his achievements includes Aegis Graham Bell award by AEGIS and ET telecom award by Economics Times.

In today's session, Mr Nikhil shared his experience how, along with his team, he buckled up and upheld the COVID 19 in collaboration with Government. He enlightens the features to keep in mind while creating a design or an innovation. He also explained the difference between creativity and innovation and how they walk hand in hand. He also told that while creating innovation through technology, we should follow the human structure. He additionally described how innovation would lead to the new normal.

4th INNOLOGUE SESSION

Mr Nikhil Malhotra, the Global Head of Master's Lab the thin-q-bator at TechMahindra.

ONLINE CLASSES

To teach is to embed a vision, illuminating every single life.
As Covid19 brings world to a pause, it is vital that education sees no end. We are proud of our teachers who have embraced the present situation with positivity and used it as a growth opportunity. Our teachers have been incredible as they leapt with zeal, commitment and creativity to ensure delivery of online lecturers to more than 10,000 of our students everyday.

KEYNOTE SERIES

Keynote 1

For the fifth session of our leadership talk series “KEYNOTE” we had with us VP & Head, HR Berkadia India, Mr. Debashish Ghosh. He is a senior Human Resources professional with over 18 years of experience in managing end-to-end functions in HR. He has been awarded two of the most respected HR credentials in the world - Senior Certified Professional from Society of Human Resources Management (SHRM-SCP®), and Global Talent Management Leader (GTMLT) from Talent Management Institute. He is being certified practitioners of DISC, MBTI® and EQ-i 2.0® (behavior and personality assessment tools).

In this session Mr. Ghosh talked about various technical skills & life skills that the students need to work upon, in order to succeed in these fluid times. Through a customized presentation he explained how every spell of recession in the past has given birth to global enterprises capable of supporting the economy in future and that the post COVID-19 world would belong to the ones who are resilient and can quickly adapt themselves to the dynamic requirements of the corporate world. He also explained the 70-20-10 model of learning & development to the students and advised them to follow it in their future endeavours.

Keynote 2

For the sixth session of our leadership talk series “KEYNOTE”we had with us the man who is known as the flag bearer of classic Indian fashion, who single-handedly put the Jodhpur Bandhgala on the fashion map of the world -Raghavendra Rathore.

Born and brought up in the epicentre of heritage & culture, Raghavendra Rathore is India’s foremost name in Luxury Men’s Wear. After completing his formal education from the Parsons School of Design, Raghavendra Rathore, worked in Manhattan under Oscar de la Renta and Donna Karan, before launching his own label in 1994. In 2011, he was honoured the Chief Minister’s award for excellence by the government of Rajasthan.

KEYNOTE SERIES

In an intriguing conversation Mr. Rathore touched base upon how the fashion industry is stepping into a new era post COVID-19 and inspired budding designers to develop designs that traverse the barriers of age and demography. His in-depth analysis of the glorious history of the apparel business and his firm grasp on the clean & modem sensibilities of classic fashion appealed to everyone present.

Keynote 3

The seventh session of Leadership Talk Series “KEYNOTE” was honoured by the presence of an independent Senior Counsel at the Supreme Court of India Sr Advocate Dr. G. Venkatesh Rao. In the 3 decades of his career, he has performed about 3500 cases in the Supreme Court, having over 5,500 appearances, given 2000 legal opinions, & drafted 500 Spl Leave Petitions.

He is honored by LL. D and D.Litt and is also bestowed by many honors such as Best Citizen of India, Bharat Gaurav, Protector of Democracy Award, and many more.

In today’s session, Dr Rao explained that COVID-19 falls under the Act of God and how this will impact the law and economy. He also explained the various aspect of Frustration of Contract. Dr. Rao enlightened the students about how technology is helping in law activities in this present era of modernization and also stated that in the future computers and internet will dominate legal space as well. He also discussed all the essential areas of corporate legal work such as intellectual property right, banking & finance, real estate, etc. He gave an overview of all the tribunal, statutory and regulatory bodies to the students.He suggested the students to keep learning in this lockdown as he believes that self-learning is the key to success.

KEYNOTE SERIES

Keynote 4

An HR's role is not limited to recruiting the most suited workforce but extends to employee engagement, retention, increasing productivity, and most essential employee growth.

In the eighth session of "KEYNOTE" leadership talk series, we had with us Mr. Alexander Rinku, Director HR at Oracle. He is known for his extensive experience in the EMEA & JAPAC regions. He is a Marshall Goldsmith Certified Coach, Korn Ferry PDI, Gallup Strengths Finder Coach (Neuro Leadership Institute) and Certified Life Coach. Alex is serving Oracle from the past 12 years and efficiently handling all the Global Business Units of Oracle. This multilingual dynamic personality is honored with Armstrong Award by PeopleSoft, Best HR Manager Award by Oracle, Influential HR Leaders Award by TimesAscent, and Living the Vision Award by Oracle.

In this session 'a paradigm shift in hiring pattern and skillsets required post-pandemic', Alex shared his views on how we have travelled from fragile to agile. He said in this day and age when everyone is in a race to cope with technology, we should buckle up to handle the new normal. He explained the students thoroughly about top skills one should possess to survive in today's competitive era. He also shared how to prepare for

Keynote 5

For the ninth session of "KEYNOTE" leadership talk series, we had with us the Managing Partner at SimplyHR Solutions LLP, an author, an HR Advisor, a Storyteller, a Social Media enthusiast and a Thought Leader- Mr Rajneesh Singh. He is a Post Graduate Diploma holder in PM&R from XISS, Ranchi. He is a mentor at the School of Inspired Leadership (SOIL), Gurgaon and a member, Advisory Board of PORDAC NGO, Delhi who are into the education of autistic children. His first book titled "Inspirations to Aspirations - Letters to my team was launched in November 2018. His other stints include group head HR at Network 18, as well as positions at Hindalco, Eicher Motors, Oberoi Hotels, Vodafone and Gillette.

KEYNOTE SERIES

He started today's session by speaking on how the outbreak of COVID-19 across the world has reconfigured social norms and compelled governments and corporations to reorient themselves to a new way of working - the remote working model. In the webinar, he also deliberated on the challenges faced by startups and SME's in the current market situation, Mr Singh affirmed this global pandemic as a golden opportunity for the students. Further in the session, he suggested ways to deal with student anxiety, nervousness, and panic attacks. Meanwhile, he asserted how journalism has shifted to digital. He also illuminated the significance of corporate social responsibility.

Keynote 6

The tenth Session of "KEYNOTE" leadership talk series we had Mr Atul Sahgal Senior Talent Acquisition Leader at Infosys, Banglore with us. He holds an experience of 20 years, in which he has given 17+ years to the Talent Acquisition vertical at Infosys. His core expertise includes planning, designing and implementing the hiring strategies and continuous recruitment process improvements. He is at the centre of the process which handles the recruitments of almost 20 thousand graduates every year and since his joining at Infosys he has recruited more than 3,00,000 graduates.

Mr Atul commenced the session with his success mantra "Never Give up". He denoted this pandemic as a golden period for the students as they have plenty of time to work on their skillsets, mental health, and core strength. As a strong advocate of the adoption of technology, he declares the current scenario as the Era of Intelligence. He also stated that how HR and recruitment will face considerable changes in the future owing to the COVID-19.

KEYNOTE SERIES

Keynote 7

We had with us Mr. Meetul Patel, the Executive Director, Strategic Growth at Microsoft India. He oversees the business, product planning marketing & operations for Microsoft India. Prior to the role of COO at Microsoft India he has served as General Manager at Small and Midmarket Solutions & Partners. His journey also includes the designation of Vice President of Capgemini Consultant at Oliver Wyman and Accenture. He began his session on 'Unique Perspective & Interpretation of the Industry Post-Pandemic' by mentioning how excited it is for him to be in the era of technology where everything is digital and engaged in technology. He told the students that now it will be must for all of us to adapt the technology as a decade later, everything will be mechanized. In the virtual discussion, Mr Patel told that Technology had made revolutionary changes to human lives. As the population grew, we are very much aware that which kind of plants to grow in various climates and conditions, this is possible because of technology enhancements. We all have now access to information about how we can improve agriculture, boost food production, increase food supply,

Keynote 8

We had with us Dr. Sudhir Andrews Distinguished Professor at Auro University and Management at Skill Maker Consultancy. He has been conferred a Doctor of Literature (Honoris Causa) by the Open International University. He has 40 years of immense experience in Education, Training & Development, and Corporate HR Management experience. He has set up Hospitality Schools in India and the Middle East, both in private & public sectors. Sir Sudhir is the winner of both National and Institutional Awards including Rashtriya Gaurav Award and Rajiv Gandhi Award for Excellence. He had moved to Dubai and spent 15 years serving as a Director HR of a prestigious Hotel Chain; Group Vice President HR for a multinational Arab company: Talent Consultant to the Ruler of Dubai, and Consultant with a British HR Firm at the Knowledge Village. He is the author of 11 Hospitality books published by Tata-Mc Graw-Hill Publishing.

KEYNOTE SERIES

Dr Sudhir started today's session by denoting this era as digital and the current scenario of COVID-19 as disruption. He urged students for brainstorming and curating innovative ideas to fight with this global pandemic. He even discussed various segment available for jobs and entrepreneur in hospitality and hotel management industry post-COVID-19. Sir Andrew told there would be many changes in the industry, although the students and the industry have to adapt these changes and model accordingly. At last, he shared his Secret of success that is Fun (Passion)+ Mastery (Competencies)+ Network(Connections).

Keynote 9

We were greatly pleased to have Lt Col Pragathi Kumar Achanta, Director HR, India at AT&T. This brave personnel has served in India Army for more than two decades as Lieutenant Colonel. He has been selected to the NDA with All India rank of 3 after going through India's most comprehensive selection process. At AT&T Mobiles, he takes the responsibility of Regional HR leader supervising HR advisory, and he does the case management, including geographical HR support for all employees and managers based in India. In today's session, Mr Achanta addressed the students and emphasized on the importance of soft skills to be developed like creativity, emotional quotient, intuition, analytical mind and an inclusive mindset. He stated that due to this global pandemic, students should have the constant urge to learn, unlearn, and relearn. He suggested students for being more attentive in the online lectures as the knowledge acquired through it will develop conceptual clarity and a right attitude which will go a long way to shape their future.

KEYNOTE SERIES

Keynote 10

We had with us Mr. Uday Nayak, Director of Human Resources at JW Marriott Maldives. He is a talented and hardworking Human Resource Management professional with an exceptional track record of initiating, implementing, sustaining and managing functions of Human Resources. He started his career as Assistant Chef at Fort Aguada beach resort than at Taj Gateway Chiplun. Uday has also held the position of Chef De Partie for Queen Elizabeth 2. He also served as the Senior Chef Instructor.

Mr Uday initiated the session by sharing the strategy to handle this global crisis and advised the students to stay focused. He explained the changes going to happen in the industry, although the students and the industry have to adapt these changes and model accordingly. He also discussed the new norms and hygiene protocol for the hospitality and tourism industry. With the new normal things, innovative technology will be introduced, which will reduce the man's efforts, maintain social distancing, and reduce human contact. Being an HR, he shared what would be the new hiring, training, and working

Keynote 11

We had with us Mr. Ashutosh Gupta Country Manager, India at LinkedIn. He is highly skilled at building businesses at scale and evangelizing the value of LinkedIn to members and customers.

In today's virtual session, Mr Gupta has defined networking and enlightened how it can help in the advancement of our career also he offered tips for networking effectively. He guided students on how they can build a strong professional network and connect with the world's professionals more productive and successful. He briefed the various approaches of LinkedIn for entrepreneurs. Ashutosh advised the students to develop soft skills, i.e. Creativity, Collaboration, Persuasion, arability, and Emotional intelligence as in the near future, Soft Skills will get far in an AI-driven world. He also touched the topic of Career scenario post-COVID 19.

KEYNOTE SERIES

Keynote 12

We had amongst us Mr Rajesh Padmanabhan, who has a 6 by 6 matrix global professional and have done six roles in six different industries. He's a highly accomplished professional who follows his life mantra that we live only once, and we should take the risk at least once in our life to check our potential. In this motivating session, he encouraged students to face the conflict between mind and heart, as eventually, we will learn to control it. Further, he said that there is no word like problem because every problem gives an opportunity to flourish & to explore and same with this, COVIDization has given us a great opportunity to digitalisation and innovation. He concluded the session with his perception of "Don't forget to follow your passion."

Keynote 13

We had with us Mr Dattatreya Gaur, Vice President - Robert Bosch Engg and Business Solutions Pvt Ltd. He has expertise in a wide range of domains, including product engineering, development and has also assisted many organizations in reaching greater heights. In his 22 years of association with Bosch Limited, he has worked in the segments of automotive electronics, steering systems, and diagnostics, industrial drives and Control, Security, HVAC and energy management.

In today's session, Mr. Dattatreya enlightens the students about IoT, its importance, and its demand in the era of digitalization. He also discussed how innovation and technology is the solution for problems nowadays, which is leading to the new digital business mod-

KEYNOTE SERIES

Keynote 14

We were graced with the presence of Ekta Bhardwaj Head - Human Resources, Nissan Motor India Pvt. Ltd. She has a deep passion for partnering with the business to achieve business goals through formidable people strategies and talent management. In today's session, Ekta has put some light on the industrial and economic behavior during COVID-19. In addition to this, she discussed how industries are managing the supply and demand in unlock and what Potential Recovery Scenario. Also, how to measure the business response to it. She enlightens the students with new hiring process while maintaining the corporate hygiene. In last, she briefly explained the future of workplace and workforce along with the prosperous sectors available for students.

Keynote 15

We had amongst us Prof. Bernard Baeyens, Former President at International Association for Exchange of Students for Technical Experience IAESTE Asbl. In the four decades of working experience Bernard has worked as an Attache at Wetenschapsbeleid Diensten eerste Minister, Engineer at Ministeries van het Brussels Gewest, Professor at Universidad de Ibagué, Asesor at Alcaldia de Ibague. Prof. Bernard commenced with a brief introduction of TASTE and international internship. Further in the discussion, he talked about the challenges faced by the universities in operating and functioning post-COVID. Mr Baeyens has briefly talked about the soft skills, and hard skill students should have and how they can improve it during the global pandemic. In the conversation, he also said that COVID would definitely change the scenarios, but the basics of operations will remain unchanged i.e. motive and aim.

KEYNOTE SERIES

Keynote 16

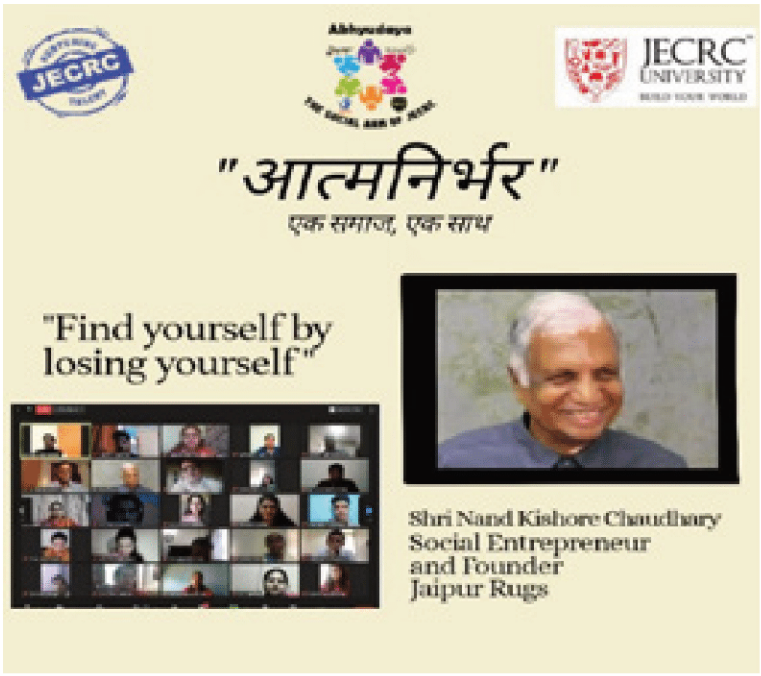
The panel for our session of Keynote Leadership Talk Series was honored by Mr Satish Mohapatra, Vice President & Sr. HRBP, Siemens, Mr Sourya Sidhhartha Dash, General Manager-HR and EVP & Culture (Indian Sub-Continent), Philips, Mr Tikam Shekhawat, Chief Manager HR at Times of India Group, along with Mr Ashish Gakhrey, Founder (HR Shapers) and former Program Manager, HR, Capgemini.

In the session, Mr Satish put some light on how impacted industries of the economy dealing with it and what are there next plan of action. Sir has suggested the students be flexible at work and to adapt the new changes of the industries. He talked about the challenges that students might face and how they can overcome them.

In the staggering talk of Mr Sourya, he deeply discussed the evolution we had on our economic and societal parameters during COVID. He advised the students to have a hobby, as a hobby is something that keeps us moving on at this time. He acknowledged the modifications and developments that happened in our country due to this pandemic and how rapidly we have grown with the live example of OTD platforms.

ABHYUDAYA

JECRC, believes that the growth of the nation is deeply imbibed in growth of all sections of the society. Gathering wisdom and knowledge and pass it on to the less privileged members of society is the moral duty of every student. “Abhyudaya” , a social arm of JECRC consists of “Zarurat”, “Soch”, “Suhasini” & “Aashayein” actively involving more than 1500 students. Over the last decade, these groups have touched the lives of more than 1,00,000 people in need, be it the kids of slum dwellers or senior citizens of old age homes or blood donation for patients or cleanliness and sanitation training for villagers or protecting the female child in the society. To carry this initiative further and fill the hearts of the dedicated students with surplus confidence, JECRC hosted 2 online virtual keynote sessions namely “Atmanhirbhr ~ Ek Samaj,Ek Saath! “, intending to preach the topic “A Dialogue on Social Responsibility for Youth”



The first session was commenced by the presence of Shri N.K.Chaudhary . He is a Social Entrepreneur and Founder at Jaipur Rugs. He started his carpet career in 1978 as a contract manufacturer. His words enlightened the youngmindsandmotivatedthemtodreambig.

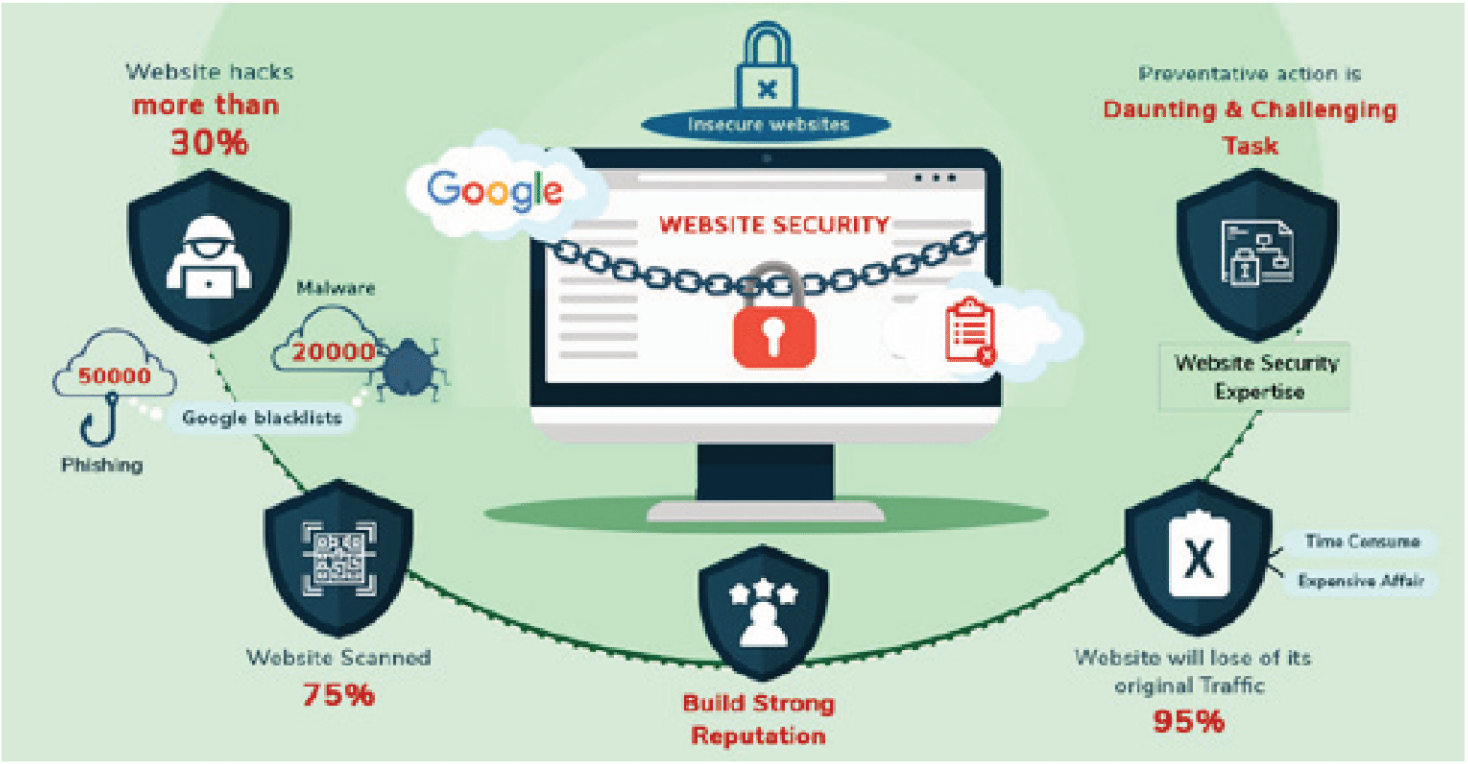
The second session was commenced by the presence of Shri D Prakash Rao g. He is a Padma Shri Awardee. He told students he never gave up and finally his hard-work paid off. He guided the young minds and said that they will encounter several obstacles, but only when they serve selflessly they will attain success.

JECRC extended a heartful thanks to the speakers for their motivating words which will definitely help the students in future.

WEBINAR

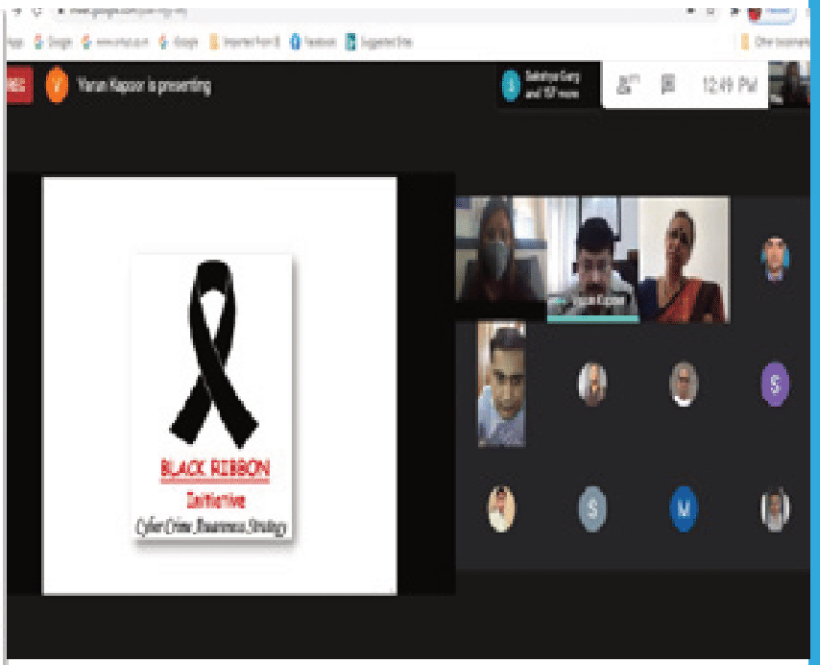
Website Security and Bug Bounty- -Webinar 01

" An incident is just a tip of an iceberg, a sign of a larger problem below surface."
Keeping in mind that being secure in the online world is becoming more and more important every day and it is vital to protect your website and the data it holds , The CSE Department of JECRC Foundation organized a two day webinar on " Website Security and Bug Bounty" in association with Computer Society of India (CSI) CYBEROPS Infosec LLP, Jaipur.
This webinar was hosted by Mr. Shovikk Dutta , Cyber Security Analyst CYBEROPS, Infosec LLP. He made the students aware about who is an hacker , what they do, how they do hacking, etc.
He also shared his past experiences with the students. At the end ,there was a QnA session too where the young minds enthusiastically asked their queries and got productive answers to their questions.



Secure Digital Experience for the Youth- -Webinar 02

The Department of JECRC Foundation organized a National Webinar on Cyber Security "Secure Digital Experience for the Youth" at JECRC, Jaipur on September 2, 2020. The webinar was commenced by the presence of Dr VARUN KAPOOR (IPS) ,Additional Director General of Police
INDORE ZONE, Indore. He started the
Black Ribbon Initiative for cyber security awareness among community members and has conducted around 366 sessions across India in schools, colleges, institutions, organizations, departments etc. He authored a highly successful book – "COP WITH A CAMERA – Wilderness Diaries with Varun Kapoor". This book was published by Notion Press in 2020.
He started the session with the examples of cyber crime. The students were active throughout the session. He talked about various topics like-
Common sense, Response ,Physical world, Virtual world, Difference between knowing and doing, Cyber Space Information, Social networking , etc. He also made students aware about Digital footprints ,Cyber bullying, Online gaming, Cyber stalking
Facebook stalking, fake profiles, selfie posting, stalking, etc. Around 480 students joined this interactive session. JECRC would like to thank him for his valuable time and for the



SMART INDIA HACKATHON (SIH)

JECRC was amongst the only 5 institutions all over the country that went to host this remarkable event of "The World's Biggest Innovation Model Smart India Hackathon, "SIH a unique initiative of MHRD". 4th time in a row.

JECRC inaugurated the World's Biggest Model Smart India Hackathon 2020 in the presence of Shri Ramesh Pokhriyal 'Nishank', Hon'ble Minister of HRD. They also had amongst them Shri Pankaj Jhunja, 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 wished SIH Participants all the luck. A day before SIH2020, an interactive session was conducted with the Judges and Mentors. Ms. Bhavna Sharma, SPOC - JU and Ms Shivani Singh - Coordinator cleared all the doubts of Judges related to the event and informed them about all the protocols of MHRD. Judges were really excited to be a part of this amazing initiative of Govt. of India. JECRC witnessed 150+ participants with thousands of enthralling ideas.

Honorable 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 thanked him for taking his precious time out and joining them for Smart India Hackathon 2020

The Valedictory Ceremony of SIH2020 was conducted virtually by JECRC University

SIH2020 which 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 the Chief Guest for the Valedictory Ceremony of Grand Finale SIH2020. Director - Digital Strategies Mr Dheemant Agrawal introduced the chief guest to the viewers. 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 University would like to thank Mr. Venkatesh for his valuable time.

The Finalists of SIH 2020 was Vanshika Sharma from Team-Data_Pirates and Adarsh Kishore Mehta from Team- PSLV got to interact with PM Narendra Modi at JECRC University.

It is certain that future is going to be Women- oriented.Not only JECRC University, but gratifying the entire Rajasthan, all girls team of JECRC University won the 4th Edition of World's Biggest Innovation Model Smart India Hackathon and solved the problem statement of Ministry of Power. JECRC congratulated entire girls team and their mentor Mr. Shrawan Nath, Associate Professor from the Department of Computer Science for this proud achievement.

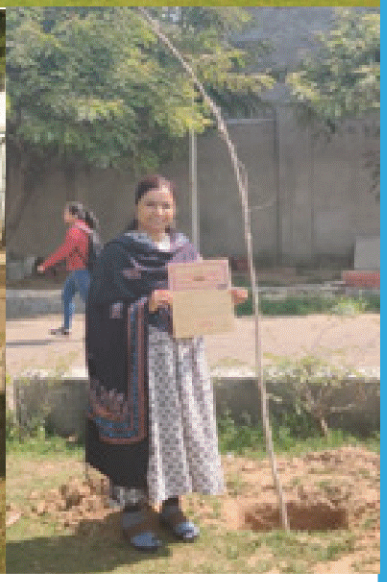
.

Lets Congratulate
Pratiksha Jain
Priyanshi Singh
Disha Khemka
ALL GIRLS TEAM
OF
JECRC UNIVERSITY
BUILD YOUR WORLD
FOR WINNING
WORLD'S BIGGEST INNOVATION MODEL
SMART INDIA HACKATHON 2020
Jyoti Kumari
Samiksha Paliwal
Pratima Jain

Congratulations Winners
Techno Rubies
Byte Optimizer
parjanyashesha
gitCtrl
Byte_Knights
Cyber_Punks

FRUITFUL JECRC

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



INTERNATIONAL CONFERENCE

The two days International conference of computer science and engineering department on Advent trends in computer technology in association with Springer and CSI commenced on 27th August, 2020 through online platform. The inauguration ceremony was committed with the presence of eminent personalities Prof. A R Gupta, V C Rajasthan Technical University, Kota, Chief guest Prof. Upasana Singh University of Kwazulu, South Africa, Prof. M N Hooda, Director-BVICAM New Delhi. The welcome speech of the conference was delivered by Conference chair Prof.(Dr.) Vinay Kumar Chandna, the details of the institution was shared by Director JECRC Mr. Arpit Agarwal. Prof. (Dr.) R. A. Gupta gives his best wishes to conference chair, organizing committee and participants. He also discussed scenario of technologies and current higher education system.

Prof. Upasana delivered her lecture from video mode on digital devices and its use for social awareness, where Prof. M. N. Hooda enlightens the current scenario of the technologies and trends in the current era. At the end of the inauguration ceremony vote of thanks deliver by conference convener Dr Sanjay Gour and program coordinated by organizing Secretary Dr. Vijeta Kumawat.

Almost 80 research papers from all over the world were received by the conference committee and among them 40 papers are selected for presentation in three different sessions during 27th and 28th August, 2020. The papers found suitable on the quality parameters will be publish in internationally reputed journal which is Springer recognized and Scopus indexed.

ONLINE PLACEMENT TRAINING

COVID-19 has not only raised a medical & health challenge for the society but has also wrecked havoc on the country's economy. With the impending economic slowdown everyone is circumspect about what the future holds. Most vulnerable are the students of Batch 2021 who enter
their placement season this year. At JECRC
Foundation, management is leaving no stones unturned to ensure that their students are minimally affected by this pandemic. A rigorous 200 hour Pre-Placement Training has been conducted for the students online.
Beating all odds, JECRC is confident to maintain their matchless placement records and will be soon welcoming top tier companies for recruitment. At JECRC, its business as usual.

JECRC Foundation

ONSET OF PLACEMENT SEASON @ JECRC

जेईसीआरसी में प्लेसमेंट की तैयारी, 132 मेंटर-शिक्षक दे रहे ऑनलाइन ट्रेनिंग

जयपुर. कोरोना की वजह से शिक्षण संस्थानों की तस्वीर अब बदल गई है। कक्षाओं के बाद अब प्लेसमेंट की भी प्रक्रिया ऑनलाइन ही शुरू कर दी गई है। जेईसीआरसी यूनिवर्सिटी ने इंडस्ट्री की जरुरतों के हिसाब से विद्यार्थियों को तैयार करना शुरु कर दिया है। इसके लिए ट्रेनिंग एवं प्लेसमेंट सेल के अधिकारी व करीब 132 मेंटॉर्स-शिक्षक मिलकर ऑनलाइन ही विद्यार्थियों को कैंपस प्लेसमेंट के लिए तैयार कर रहे हैं। 200 घंटे की इस कैंपस रिक्रूटमेंट ट्रेनिंग यानी कि सीआरटी कक्षाओं में रिज्यूमे से लेकर इंटरव्यू तक की स्किल्स पर ध्यान दिया जा रहा है और उन्हें बेहतर करने के प्रयास किए जा रहे हैं।

जेईसीआरसी यूनिवर्सिटी के वाइस चेयरपर्सन अर्पित अग्रवाल ने बताया कि कोरोनाकाल के बाद की तस्वीर एकदम अलग होगी। इसलिए हम अभी से ही ऑनलाइन के माध्यम से अपने विद्यार्थियों को चुनौतियों के लिए तैयार कर रहे हैं। उन्होंने कहा कि कोविड-19 जैसी इस वैश्विक आपदा को अवसर में बदलने का यह सबसे सही समय है। उन्होंने बताया कि नए युवाओं को जॉब के मौके देने के लिए जयपुर अब मल्टीनेशनल कंपनियों की पहली पसंद बन गया है। इसलिए विद्यार्थियों को सीआरटी कक्षाओं में समय प्रबंधन के साथ ही एडवांस स्किल्स भी सिखा रहे हैं।

जेयू के टीपीओ विभाग में आउटसेट सेल के हेड विनायक गुप्ता ने बताया कि जेईसीआरसी यूनिवर्सिटी के विद्यार्थियों को मल्टीनेशनल कंपनियों के दिग्गज लोग ऑनलाइन सेशन के माध्यम से मोटिवेट कर रहे हैं। हम भी विद्यार्थियों को ऑनलाइन ही कैंपस प्लेसमेंट के लिए तैयार कर रहे हैं। अभी तक माइक्रोसॉफ्ट और लिंक्डइन के कंट्री हेड ने ऑनलाइन के माध्यम से विद्यार्थियों से बातचीत की है। अब हम आगे बढ़ रहे हैं। ट्रेनिंग एवं प्लेसमेंट सेल के डायरेक्टर मुक्त बिहारी और कॉर्पोरेट रिलेशन्स हेड सीजो जोजी ने बताया कि विद्यार्थियों को कैंपस प्लेसमेंट के लिए तैयार करने में पांच राष्ट्रीय एजेंसियों की मदद ली जा रही है। इसके अतिरिक्त यूनिवर्सिटी का फोकस की-नोट सेशंस और इन्फोसेशन जैसे कार्यक्रम पर भी है।

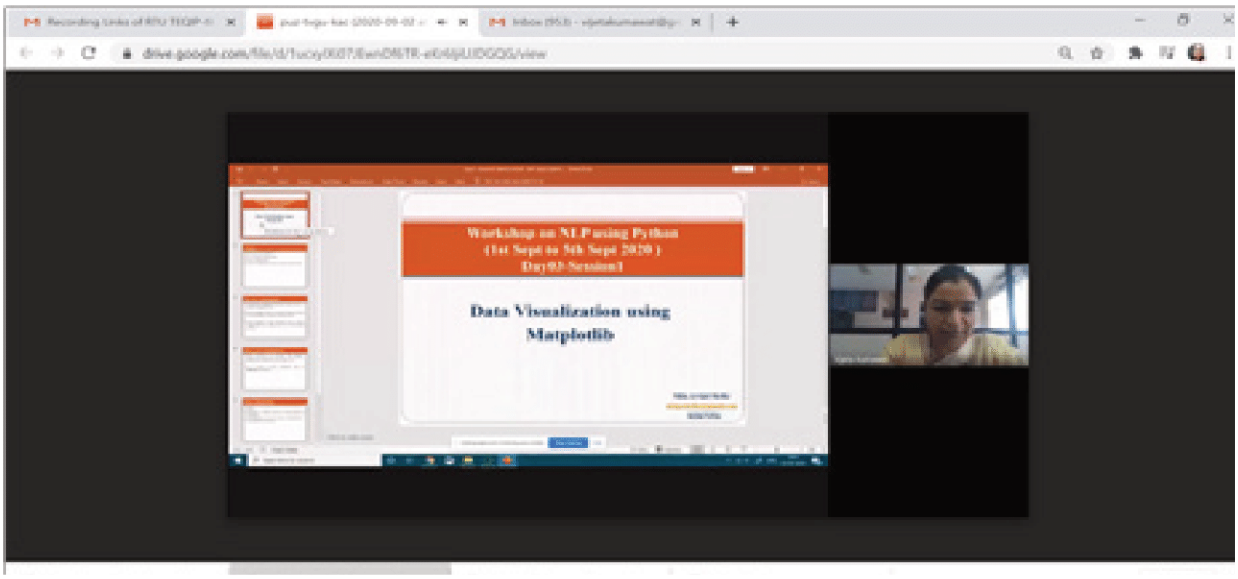
EXTERNAL DIAGNOSIS PANEL

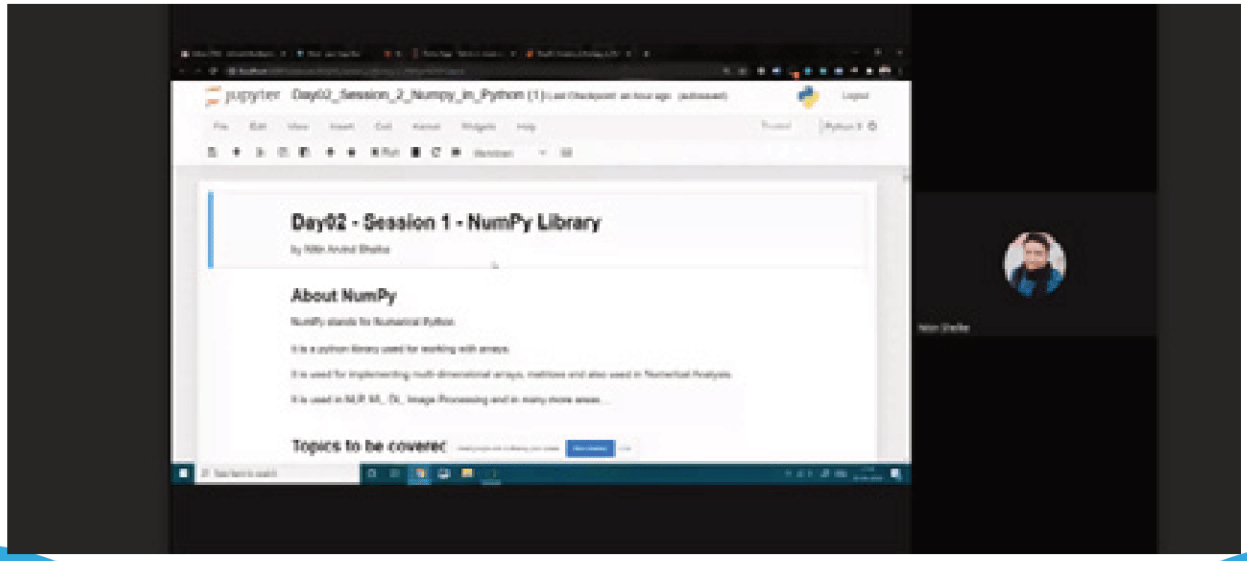
To keep the spirit of innovation lighted in the minds of the young aspirants, JECRC Incubation Centre has conducted 2nd External Diagnosis Panel on 29th August 2020.Few of the incubated Startups in JIC pitched their innovative ideas in the presence of an esteemed Jury Panel. Early Stage Startups of JECRC pitched their ideas to receive a share of 2.5 Lacs SEED Support.

The external jury members were illustrious entrepreneurs of the Indian entrepreneurial ecosystem i.e., Mr. Mukesh Malik - CEO (ProjectGK) , Ms. Aparajita Prasad - Founder Director (MetaConnect Constructing) , Mr. Sunil Sharma - Founder (Marwari Catalysts ventures) , Mr. Vivek Dahiya - Director (Boudhik Ventures) Director (Startup Buddy).They judged the ideas through their expertise and profound knowledge in the entrepreneurship field. The keynote around Diagnostic Panel was delivered by Mr. Saurabh Jain (Vice President , Paytm) Total 9 startups pitched and out of that 4 got selected.We hope that the granted funding will help their Start-Ups to grow from an idea & foster in the real marketplace and contribute to the economy.

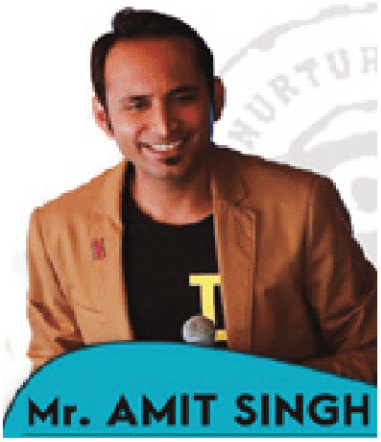
NATIONAL WORKSHOP

A 5- day national workshop was conducted by CSE Department, JECRC Foundation on “Natural Language Processing using Python” in association with TEQIP-III RTU Kota from 01st -05th Sept, 2020 through online platform. The inauguration ceremony was commenced by the presence of eminent personalities Dr. Seema Agarwal Rajasthan Technical University Kota and Dr. Harish Sharma Rajasthan Technical University Kota and all the participants. The welcome speech of the workshop was delivered by Prof.(Dr.) Vinay Kumar Chandna, Principal JECRC and Dr. Sanjay Gour Head of Department, Computer Science and Engineering. Dr. Seema Agarwal and Dr. Harish Sharma RTU Coordinators gave their best wishes to workshop organizing committee and participants. Dr. Harish Kumar also discussed scenario of technologies and current higher education system. At last of the inaugural session the vote of thanks was delivered by Dr. Vijeta Kumawat, Host Institute Coordinator of the workshop. Almost 170 participants registered for the workshop from all over the India. There were 15 sessions in the workshop of one hour. The experts of workshop were Mr. Nitin Arvind Shelke, Mr. Nikhil Verma, Mr. Prithvi Anand and Mr. Sannya Singal also joined the inaugural session and shared his views. They also discussed about Natural Language processing using Python and prerequisites for this workshop with the participants.





FACULTY DEVELOPMENT PROGRAM



Jaipur Engineering College and Research Crntre, Jaipur and RTU, Kota organized RTU TEQIP-III sponsored online Faculty Development Programme (FDP) on “Entrepreneurial Mentoring Skills” from 21st to 26th September, 2020. This FDP aimed to provide a platform to the faculty, student startup mentors and faculty entrepreneurs. Faculty members from RTU affiliated colleges participated in this. We had with us Mr. Amit Singh, Founder, Wow Labz & Co-Founder Headstart for the inaugural ceremony of Faculty Development Programme on Entrepreneurial Mentoring Skills organised by JECRC & RTU, Kota sponsored by RTU-TEQIP-||| as our keynote speaker.

And we did it !

Here comes a news piece, this is a huge endorsement by one of the Largest Media House of the Country, it is a testimonial of the work done by the Placement Team of JECRC Campuses.

JECRC has broken its own record of placements in the session of 2019-20 not only in Rajasthan, but in entire North India. Action for session 20-21, has already begun, stay tuned for updates.

दैनिक भास्कर

28-09-2020

JECRC Foundation

जेईसीआरसी ने उत्तर भारत सहित राजस्थान में तोड़ा प्लेसमेंट रिकॉर्ड

जयपुर | JECRC फाउंडेशन ने प्लेसमेंट के अपने उत्कृष्ट ट्रैक रिकॉर्ड में एक नई ऊंचाई हासिल की है जहाँ JECRC फाउंडेशन ने उत्तर भारत और विशेष रूप से राजस्थान राज्य में अब तक प्राप्त सबसे अधिक नौकरी के ऑफर के रिकॉर्ड को तोड़ दिया है। इस साल स्टूडेंट्स को जानी मानी कंपनी द्वारा 1935 ऑफर लेटर्स प्रदान किए गए है जिनमे से 1150 ऑफर लेटर्स शीर्ष ग्लोबल आईटी कंपनियों द्वारा दिए गए है जिनमें एक्सेंचर, कैपजेमिनी, टीसीएस, आईबीएम, विप्रो, इंफोसिस, माइंडट्री, बिरलासॉफ्ट आदि शामिल हैं। इस साल के प्लेसमेंट सीजन का एक खास पहलु ये रहा के परंपरागत तौर पर कंप्यूटर साइंस के बच्चों को चुनने वाली आईटी कम्पनीज ने भी इस बार इलेक्ट्रिकल, मैकेनिकल एवं सिविल जैसी कोर ब्रांच के विद्यार्थियों को भी बराबर मौका दिया। इस बार अधिकतम सैलेरी पैकेज 41 लाख सालाना रहा और 150 से ज्यादा स्टूडेंट्स को 7-12 लाख तक का पैकेज मिला है जिनमें से 35 प्रतिशत छात्राएं हैं जो की राजस्थान के छोटे कस्बों एवं गावों से संबद्ध रखती हैं।

जेईसीआरसी विश्वविद्यालय के वाइस चेयरपर्सन अर्पित अग्रवाल ने कहा कि हमारा मानना है कि कुछ भी असंभव नहीं है और यही कारण है कि जेईसीआरसी ने प्लेसमेंट के शानदार ट्रैक रिकॉर्ड में एक नई ऊंचाई हासिल की है। हमारा उद्देश्य केवल छात्रों को रोजगार के अवसर प्रदान करना नहीं है, बल्कि नियोक्ता और उद्यमी भी बनाना है।

कैंपस रिक्रूटमेंट ट्रेनिंग : कोरोना की वजह से शिक्षण संस्थानों की तस्वीर अब बदल गई है। कक्षाओं के बाद अब प्लेसमेंट की भी प्रक्रिया ऑनलाइन ही शुरु कर दी गई है। जेईसीआरसी यूनिवर्सिटी ने इंडस्ट्री की जरुरतों के हिसाब से विद्यार्थियों को तैयार करना शुरु कर दिया है।

JECRC UNIVERSITY
BUILD YOUR WORLD

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

THOUGHT MANAGEMENT & LEADERSHIP

"As you think so shall you become" clarifies the importance of thoughts in human life. To empower the stream of thoughts, JECRC organized RTU TEQIP III sponsored 3 day online sessions on "Thought Management and Leadership" during 28th-30th September, 2020.

Highlights of these sessions:
1. Power of positive thoughts.
2. Transforming challenges into opportunities
3. Meditation & Stress Management

We were glad to have with us two men who have guided thousands of lives.

Dr. EV Swaminathan is an established trainer of emotional engineering, empathetic communication, concentration & memory enhancing and work efficiencies.

Mr. Bala Kishore is a meditation practitioner since 23 years. He is currently VP, Technology, SEARCE Technologies.

We also had amongst us two of the most recognizable life coaches Sister Shivani and Mr. Sneh Desai as our speaker for the Thought and Management Session.

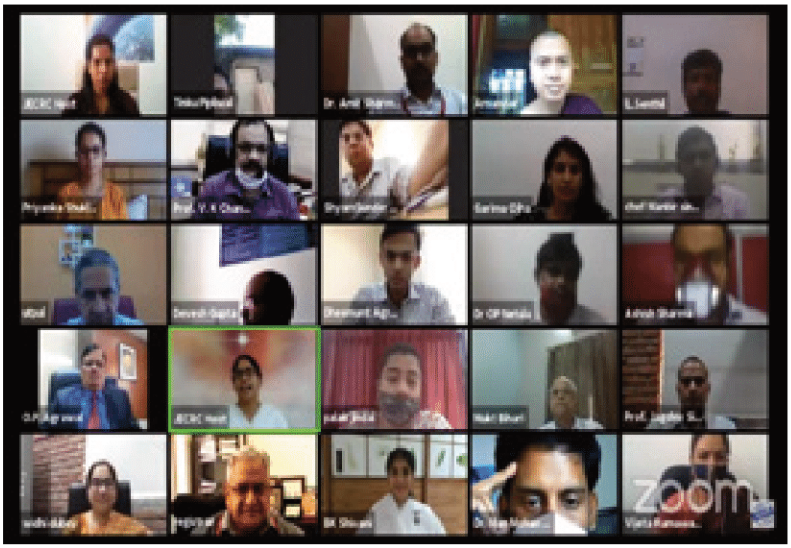
Sister Shivani is the goodwill ambassador of the World Psychiatric Association & has been awarded with the "Naari Shakti Puraskar", India's highest civilian award for women by Hon'ble President of India.

Mr. Sneh Desai is an ace communicator who has helped people from all walks of life find success, happiness, peace & personal growth.

We were blessed to hear BK Sister Shivani. She encapsulated the audience with her melodious and powerful voice. She passed a wonderful explanation of Thought Management and Leadership Skills to the audience who were briefed about how every thought radiates and how is it responsible for our health. Our thoughts should be accustomed to forgive and forget and how necessary it is to think nice about all and never to blame others rather must appreciate them and even value our value.

She beautifully described that so as to accomplish an Aatmanirbhar Bharat we need to first accomplish emotional independence .Being spiritual is no more an option but its mandatory and we can easily bring it into our lives by utilizing the high vibrated early mornings and detach ourselves from the world an hour before we sleep.

Keep in mind the world wants us , needs us.



BEHIND CSE BYTES

Dr.Sanjay Gour
(Advisor)

Dr Nilam Choudhary
(Technical Advisor)

Ms Geerija Lavania
(Editor in Chief)

Dhruv Kumar Meena
(Designer)

Rohit Kasumbiwal
(Designer)

Aarushi Vashistha
(Content Writer)

Aksa Varghese
(Content Writer)