

# CSE SCOOP

A CSE MAGAZINE

DEPARTMENT OF COMPUTER  
SCIENCE & ENGINEERING



# 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.

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# DIRECTOR DESK

Mr. ARPIT AGRAWAL  
Director, JECRC



"The secret of getting ahead is getting started."

JECRC has been encouraging the students to step out of their comfort zone and build up their personality and groom themselves in every field of their life.

This newsletter by the CSE department is an initiative to gather up all the information about the happenings taking place in the department. The significant aim to apprise the programs and various events which are being conducted by the college are ineffable.

The department and the faculty are putting in lot of efforts to bring up the students and helping them face and beat up challenges.

Along with this, I would like to thank the entire faculty members for their dedication and efforts throughout. A sense of pride and joy runs through me seeing every staff member, and every student taking up their own challenges as their responsibilities and prancing towards their goals.

I welcome all impertinent minds to be a part of JECRC and explore their life in a different way which could help them to live out to their fullest.

Good luck

# PRINCIPAL'S DESK

Prof.(Dr.) V.K. CHANDNA  
Principal, JECRC



"The only way to discover the limits of the possible is to go beyond them into the impossible."

Taking this up as the motive, JECRC from past many years with their only goal to offer the students the best learning in engineering with all the facilities and the best of faculty.

The Computer Science department of JECRC has the finest faculty and staff member, who with their dedication and untiring efforts are doing their very best for the upbringing of the students and to grow them in diverse directions. The teaching techniques is such that the students are equipped with professional and technical knowledge in every field be it research, entrepreneurs, industry, or a job. All career oriented and curious queries are welcomed by JECRC which guarantees an exponential growth to the young minds.

With the help of assistant faculty members and cooperative staff, JECRC is achieving eminent progress and will strive towards attaining greater heights in the near future within a short span of time.

# HOD'S DESK

Dr. SANJAY GOUR  
Head of Department CSE, JECRC



"Opportunities doesn't knock, it presents itself when you beat down the door."

Being a part of a respected institute of JECRC, the CSE department strives to incorporate new plans and innovative ideas to help the students to expand their capabilities at every junction of their life.

With the continuous evolution in technology, the department marches hand in hand with the progress and has shown remarkable growth in terms of education and future outlook. The high ambition of CS students is a constant source of inspiration for the college and faculty, demanding change at various levels and conducting more co-curricular activities.

Students have tried deeply in startups and thus experienced high altitude innovation. Active participation in hackathons, TED-X, workshops and sessions are helping the students to get best exposure and develop their own selves.

With a thought, we win in our mind , I congratulate the entire Editorial board for their tireless efforts in bringing on this publication. Guiding and assisting them has always been a pleasure.

Best of luck to everyone!

# Vision & Mission of JECRC



## Vision

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.

## Mission



- 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

## Vision

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

## Mission

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, engineering 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 Educational Objectives**



**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.

# Welcome & Induction of Batch 2019-23

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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 deepened 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.

College life is a very crucial part of one's life and to begin it with bundles of blessings, an induction ceremony for the first year students was conducted in JECRC campus. With the lamp lighting by honourable dignitaries, distinguished alumni and students coming from different states of country, the event was graciously commenced. The students were endowed with kind words of various



# INNOLOGUE SERIES



## 1st INNOLOGUE SESSION

Global Vice President, Chief information Officer & Chief Digital Officer at McDermott international Inc - Mr Akash Khurana

# INNOLOGUE SERIES

## 1st Session

With “InnoLogue- an Innovation Talk Series”, JECRC aspires to connect with the prominent luminaries, networks, communities, corporate pioneers, technocrats, and innovators who will provide potential solutions to burning topics and guide the students to inculcate a sense of innovating something in everything they do.

People who have spent their lives in enhancing grassroots solutions would definitely have incredible experience to share. We are certain that such sessions will enable our budding innovators to grasp the knowledge, strategies, and ideas shared by our diverse guest speakers. It will guide them to look at problems differently and come up with solutions providing an endless stream of value.

To initiate this series, our guest speaker is Mr. Akash Khurana - Global Vice President, Chief Information Officer, Chief Digital Officer for McDermott (The USA based 7 billion dollars multinational company).

# INNOLOGUE SERIES



## 2nd INNOLOGUE SESSION

Mr Feroz Khan Partner & Head Digital and Emerging Technology,  
KPMG India

# INNOLOGUE SERIES

## 2nd Session

In today's era, where innovation and digitalisation are running the new domain, our second session of "InnoLogue-an Innovation Talk Series" was commenced with the insights of Mr. Feroz Khan, Partner & Head - Digital and Emerging Technologies, KPMG India. Mr. Khan has over 22 years of experience in Digital Advisory and Consulting delivering digital transformation, enterprise solutions, technology architecture, IT Infrastructure and business process transformation for various fortune companies

In this core, digital innovation session sir Feroz has briefly discussed about the significance of innovation in digitalisation. He talked about the three step approach for digital innovation and the factors affecting the digitalisation. Further, he discussed how digitalisation is becoming important to our new lifestyle with an example how every person, business and company is developing their digital competency, knowing that success is based on their ability to design new technologies. Mr. Khan also explained the various sectors of digitalisation and its operating models.

# INNOLOGUE SERIES



## 3rd INNOLOGUE SESSION

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



# INNOLOGUE SERIES

## 3rd 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.

# INNOLOGUE SERIES



## 4th INNOLOGUE SESSION

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

# INNOLOGUE SERIES

## **4th 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.

# INNOLOGUE SERIES



## 5th INNOLOGUE SESSION

Shri Anil Bhasin, President at Havells India Limited

# INNOLOGUE SERIES

## 5th 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 multi-lingual 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.

# INNOLOGUE SERIES



## 6th INNOLOGUE SESSION

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

# INNOLOGUE SERIES

## 6th 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.

# ONLINE CLASSES

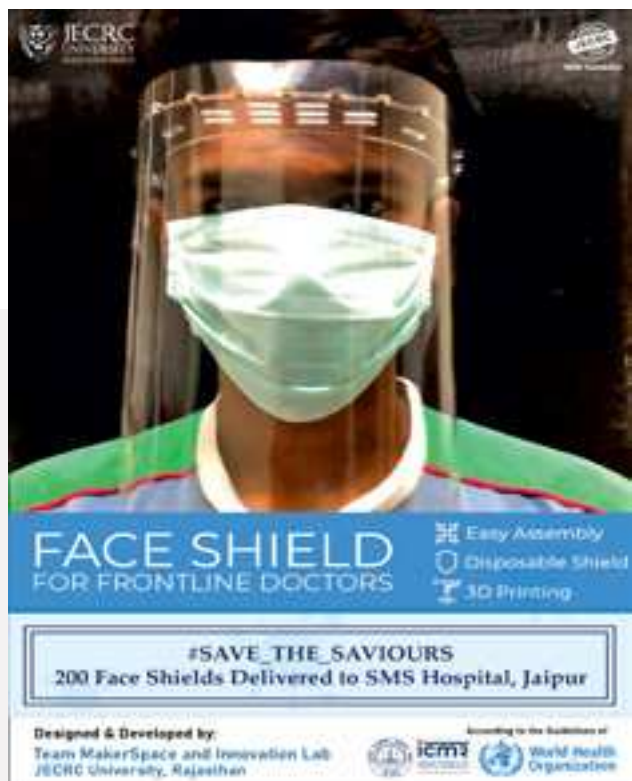
To teach is to embed a vision, illuminating every single life. As Covid19 brings world to a pause, it is vital that education sees no end. We are proud of our teachers who have embraced the present situation with positivity and used it as a growth opportunity. Our teachers have been incredible as they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





# FACE SHIELD

Under the guidelines of WHO & ICMR , JECRC has launched “Save The Saviours” Initiative. JECRC Makerspace, the innovation cell at JECRC has developed a 3D printed face shield which will help our healthcare workers to protect themselves from infection as they fight it out on the frontline. These face shields have been developed under the supervision of doctors from SMS Hospital. A set of 200 such indigenous face shields has been delivered to SMS Hospital, Jaipur and it truly reflects JECRC commitment as a top technology institute in the nation’s hour of need.





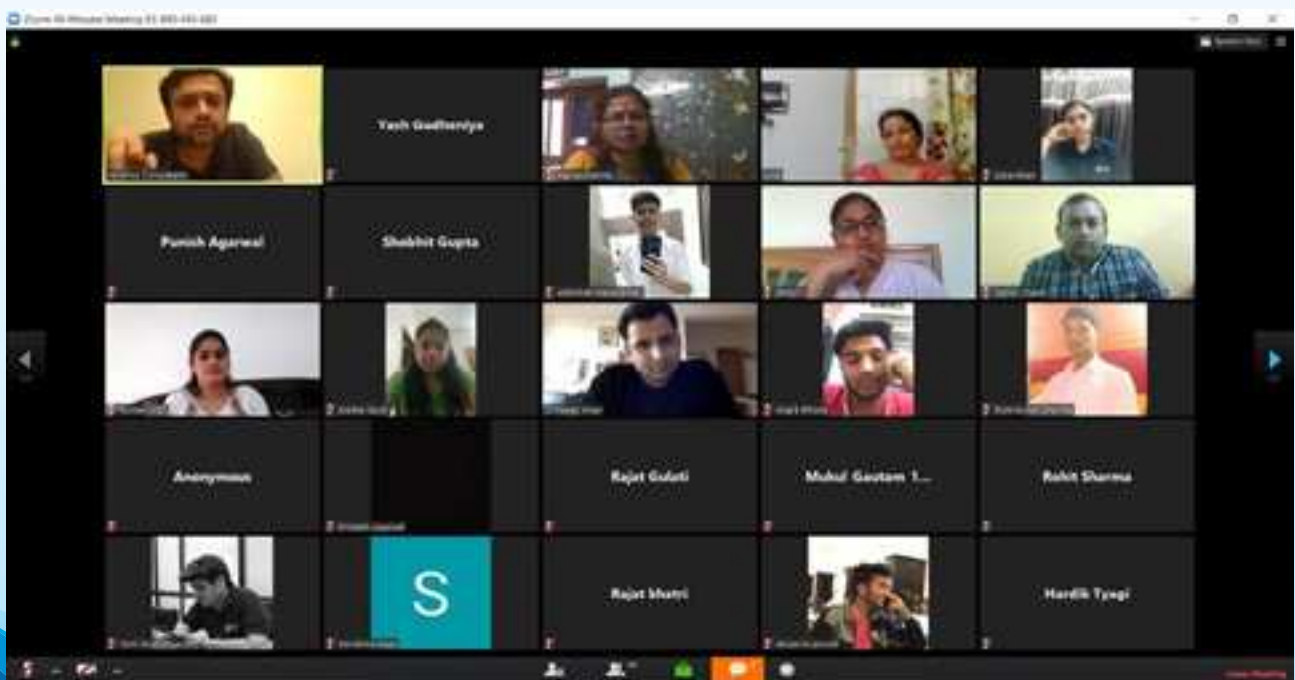
# ONLINE SPEAKER SERIES

## 1. Startup journey- What to expect

The first session of highly anticipated online speaker series was organized by JECRC Incubation Center.

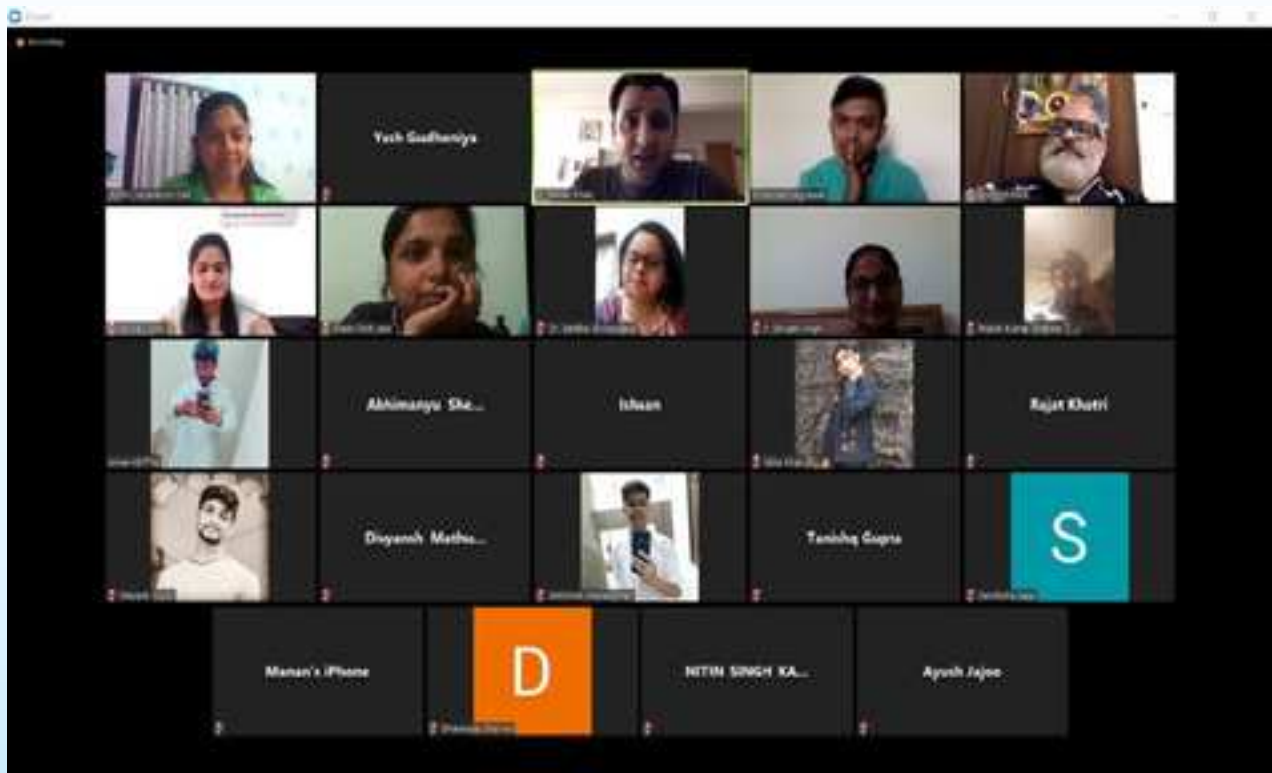
The session had Mr. Aditya Kedia, Director Hyrefox as its speaker for the day who spoke on the topic of Startup journey- What to expect and provided an insightful session on how exists and what should be the do's and don'ts for survival in the market. The first session

witnessed 80+ attendees which included our Director Sh. Arpit Agarwal, members of Incubation cell, staff and students.



## 2. Remote economy in future and opportunities for start-ups

JECRC Incubation Center orchestrated another influential session of the Speaker Series JIC Talks on 11th April 2020. The session was chaired by Mr. Anil Chhikara Executive Chairman, ZookEV I Chairman Startup India Foundation | CEO, BlueBolt Startup Factory as the spokesperson enlightened about “remote economy in future and opportunities for start-ups”. This session witnessed 80+ attendees which included our Head ,Digital Strategies Dheemant Agarwal, Incubation Advisor Dilnawaz Khan, Incubation Managers Komal Joshi and Anisha Saraf, members of incubation cell , staff & students.

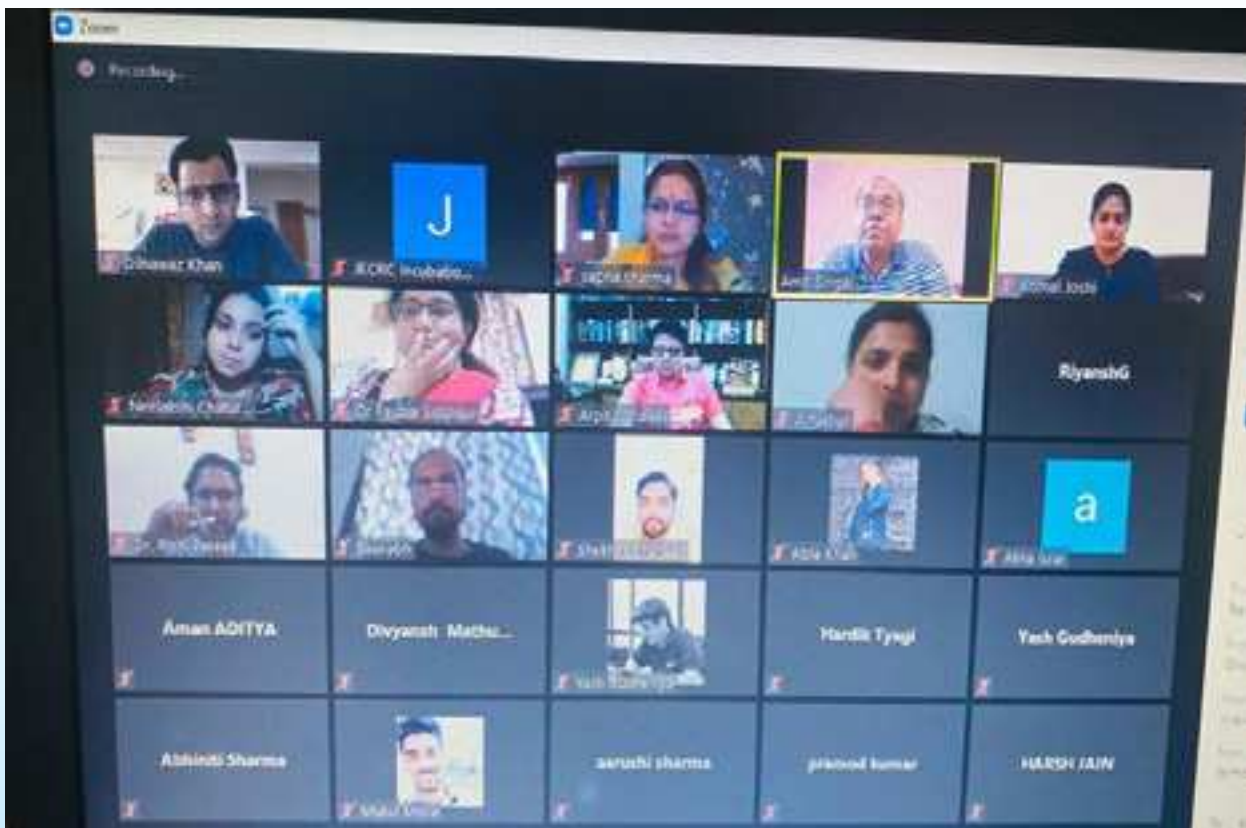


### 3. How to manage the Startups Operation-

Understandin the bottom line JECRC Incubation Center orchestrated 3rd influential Speaker Series i.e. JIC Talks on 13th April, 2020. The session was embraced by Amit Singhal Sir, CEO, Startup Buddy on “How to Manage the Startup Operation - Understanding the bottom Line”.

JIC has been stimulating the best resources and opportunities for the students so that they can direct their energies virtuously. This session witnessed 80+ attendees which included our Director,

Sh. Arpit Agarwal, Incubation Advisor Dilnawaz Khan, Incubation Managers Komal Joshi and Anisha Saraf, members of incubation cell , staff & students.



## 4. Serving Community through Innovation and Technology driven solutions-

JECRC Incubation Center orchestrated another influential session of the Speaker Series JIC Talks on 11th April 2020. The session was chaired by Mr. Anil Chhikara Executive Chairman, ZooKEV I Chairman Startup India Foundation | CEO, BlueBolt Startup Factory as the spokesperson enlightened about “remote economy in future and opportunities for startups”. This session witnessed 80+ attendees which included our Head ,Digital Strategies Dheemant Agarwal, Incubation Advisor Dilnawaz Khan, Incubation Managers Komal Joshi and Anisha Saraf, members of incubation cell , staff & students.



# Conferences

## 2nd National Conference on Contemporary Issues in Computer Technology (NCICT 2020)

Department of Computer Science & Engineering of Jaipur Engineering College & Research Centre organized 2nd National Conference on Contemporary Issues on Computer Technology (NCICT 2020) on March 7th, 2020. The first NCICT 2019 stood as a premier conference, organized by Department of Computer Science & Engineering on March 16, 2019. NCICT 2020 keep the legacy continue by bringing new prospects for collaboration across disciplines facilitating novel concepts and ideas.

The Head of Department and Convener, NCICT 2020, Dr. Sanjay Gour welcomed the Chief Guest and Keynote Speakers, Mr. Anil Sharma, HR Training and Business Manager, Pratham Software, Jaipur and Mr. Ravindra Agarwal, Managing Director, CAD Desk Jaipur and enlightened the delegates of the conference. Various parallel sessions were organized to present more than 90 conference papers from different conference tracks. The Conference Convener, Dr Sanjay Gour and Organizing Committee Members of NCICT 2020, Mr. Mukesh Agarwal and Ms. Manju Vyas, presented memento to Chief Guests. Ms. Avani Sharma, Co-Convener NCICT 2020 presented vote of thanks with a vision to organize 3rd NCICT in 2021.



# WORKSHOPS

## Python

An interactive technical workshop on Python with Machine Learning was conducted by Mr Siddharth Singh (Business Head & Artificial Intelligence Trainer Techinest Pvt. Ltd., Jaipur) in IBM Lab on 22nd August 2019. The workshop started



with an introduction about the latest trends in the field of Artificial Intelligence and experts briefing the students about various types of Machine Learning concepts and technologies. It also emphasized on the features, scope benefits and the working areas of Python programming language.

## IOT

A Beneficial and informative workshop on IOT ( Internet Of Things ) was organised by Mr. Furkhan Ali (Senior Marketing Executive & IOT Expert Ducat Education Pvt. Ltd., Noida) in IBM lab on



23rd August 2019. Beginning the session by highlighting the importance of latest trends in the field of Embedded System and IOT Applications. Further the experts explained the theory

# WORKSHOPS

behind Internet Of Things. These devices use Internet protocol (IP), the same protocol that identifies computers over world wide web and allows them to communicate with one another. The goal behind Internet of things is to have devices that self report in real time, improving efficiency and bringing important information to the surface more quickly than a system depending on human intervention.

## CYBER SECURITY

An interactive technical workshop on Cyber Security was conducted by Mr. Anshul Patidar (Business development executive CYBEROPS infoSec LLP, Jaipur) and Mr. Palash Verma (Information Security Analyst CY-



BEROPS infoSec LLP, Jaipur) in the IBM lab on 6th September 2019. The session was started by introducing the students about the latest trends in the field of computer networks. The experts explained the students about various types of Cyber Security threats and the solution to prevent them. They also explained the basic way of Cyber crimes and the latest case studies of the same. The students have hands-on experience on Cyber attacks and security in the guidance of the experts.



# WORKSHOPS

## AUTOMATION ANYWHERE

A weekly training program of Robotics Process automation was conducted from 14 Nov 2019 - 16 Nov 2019 and from 29 Nov - 3 Dec 2019 by Mr. Abhishek Dixit & Dr. Nilam Choudhary for students



of CSE to give practical knowledge along with theoretical aspects about the Robotics Process automation course. This helped the students to crack the certification examination of RPA issued by automation anywhere. 180 students and 4 faculty members of CSE have cleared the certification examination on 3rd December 2019. Robotics process automation technology is software that can be trained to mimic digital data task performed by human. The technology is a hot commodity in today's enterprises.



# WORKSHOPS

## AUTONOMOUS DRIVING AT JECRC

2 - Day Workshop by international experts on Autonomous Driving at JECRC Foundation! The world is advancing in every sphere, and JECRC walks with it hand in hand, Mr. Ritukar Vijay ( CS 2007 batch alumnus) along with Mr. Hardik Sharma (ME 2010 hatch alumnus) conducted a workshop on Autonomous Driving AI and robotics space for 2 days, I.e., 13th and 14th December 2019.

On day one, a Faculty Development Programme was organized and witnessed the participation of around 40 faculties. On day 2, an enormous number of enthusiastic student gained knowledge from skilled professional. Mr Ritukar Vijay currently worked for aptiv Germany and headed the Tech Product Strategy at Hitech Robotics. He also has 12 patents and 5 international paper credited to his name. Mr. Hardik Sharma worked at Sr. Mechanical Energy at Gray Orange Pvt. Lt. and has developed and patented a modular robotic system for surgical procedure. Coming together, these two JECRC come along with 2 IIT alumni have started Autonomy IO. With the aim to make students friendly with AI environment, and develop a focus on Autonomous Vehicle Research platform, JECRC welcomed them for an interactive workshop. We are grateful to Mr. Mukesh Agarwal, Mrs. Shruti Kalra, and Mr. Manish Jain for bringing such an opportunity for students on campus.

# WORKSHOPS

**2-DAY WORKSHOP BY INTERNATIONAL EXPERTS ON AUTONOMOUS DRIVING AT JECRC FOUNDATION!**



# WORKSHOPS

## BUSINESS 4.0

A workshop on Business 4.0 was organised by Tata Consultancy Services (TCS) at JECRC FOUNDATION. TCS is an IT services, consulting and business solutions organization that has



been our partners for the last numerous years.

Business 4.0 is the next wave of change breaking over organizations across the world. It is a framework of business behaviours that optimizes the digital advantage to create customer value. Mr. Rajit Sikka, Head Academic Relations India North and Mr. Ajay Singh (Subject Expert Business 4.0 at TCS) enlightened our students about the latest in Information Technology. JECRC organizes such industry interface workshops regularly to help our students to be prepared for the upcoming placement drives. Business 4.0 explores how firms are leveraging disruptive technologies to navigate behavioural changes in the business and have recognized technology pillars that enable these behaviour.

# WORKSHOPS



# KEYNOTE SERIES

## Keynote 1

Improvisation & Adaptation to the changing environment around us has been the hallmark of JECRC Foundation journey. Keeping up with this tradition, JECRC is preparing themselves and their students for the inevitable economic slowdown in the post COVID-19 world. The Training & Placement Cell at JECRC Foundation has roped in top tier HR leaders of the global corporate world. These HR Gurus, from Fortune 500 companies will assist the students to understand the new hiring patterns & new skillsets that would be in demand after the pandemic. They would also help them to drive innovative solutions to our hiring preparations. As the current scenario prevents us from conducting our annual Campus Recruitment Training through conventional methods, these sessions will come in handy for our students to gain exclusive industry insights making them more employable.

The launching session of this “KEYNOTE” series was commenced with the presence of Dr. Haresh Chaturvedi, VP, HR, Reliance Industries Ltd. In his session titled “Let’s Say Dil Se” ,he extensively spoke about how our students can secure their corporate future and inspired them to create a better life for themselves and for the society at large regardless of their past.



## Keynote 2

For the second session of our Leadership Talk Series “KEYNOTE” we had with us Mr. Rakesh K Ranjan, VP - HR - Vodafone Services Ltd. “Continuous learning is the key to tackle every changing situation” said Mr Ranjan during his keynote address delivered to the MERCians. Amid pandemic Mr. Ranjan suggested to keep innovating with the thoughts. He also guided the students to foster the leadership skills and to unleash the opportunities hidden in the future for all of us.



# KEYNOTE SERIES

## Keynote 3

The third session of the much envied “KEYNOTE” series was graced by the presence of an illustrious speaker Shri Amalraj Yetukuri, Country Head, HR, of world’s largest IT Services Company, Cognizant.

In his session Mr. Yetukuri called upon all job aspirants to maintain a positive outlook. He assured the audience that placement opportunities in IT industry are not going to decline. He predicted that Health & Pharma Industry and E Commerce to become one of the largest recruiters in the coming years. He also motivated students to keep improving their skills through certificate courses and professional training.



## Keynote 4

Versatile CEO, Global Business Leader and a Passionate Technologist, Dr. Moorthy K. Uppaluri was the speaker of the fourth session of our leadership series “KEYNOTE”. A Doctorate in Philosophy from the University of Hyderabad, Masters in Industrial Management from North Illinois University, MBA from Spring Hill College and B Tech Mechanical from Osmania University, Dr. Uppaluri is also a certified Six Sigma Master Black Belt.

In his address, he emphasized the students

to keep an open mind about a variety of options and to realign their abilities and knowledge as per the requirements of the growing sectors. He predicted that a lot of conventional roles in the corporate world will see a clandestine change post COVID as a lot of job functions will be handled remotely and hence motivated the students to work upon their technology & soft skills. He advised students to keep evolving in terms of their learning & development and to follow the 4P’s i.e, PRODUCT, PLACE, PRICE and PROMOTION to make themselves lucrative for hiring.



# KEYNOTE SERIES

## Keynote 5

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 6

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 & modern sensibilities of classic fashion appealed to everyone present.



## Keynote 7

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 8

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.



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 9

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 10

The tenth Session of "KEYNOTE" leadership talk series we had Mr Atul Sahgal Senior Talent Acquisition Leader at Infosys, Bangalore 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 11

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 12

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 13

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 14

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 15

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 16

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 17

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 18

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 un-



lock 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 19

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.



## Outcome Based Education: An Indian Perspective

Nowadays employability of Indian engineering graduates is a great challenge in front of the nation. In the present time almost 65% of population is below the age of 35 years. So we have to search more opportunities and develop competent youth. In that reference need of technological competent mass requirement is crucial issue. So this is the time where we have to stop compromising with quality. Outcome based education is the revolutionary statement which can provide firm base for academia.



Outcome based education is student centred instruction that focuses on measuring student performance/outcomes include real time knowledge, skill and attitudes. Its focus remains on evolution of outcomes of the program, though inputs, parameters are also important. Outcome based education emphasizes on starting that what you need which makes your students able at the end of the program. Assessing the students whether they are able to do what they are expected to do. Orienting teaching and other academic processes to facilitate students. Outcome based education is directly connected with quality assurance, recognition by the stakeholders and branding which provides recognition of graduates globally. Now, globalization has brought clear transformation in higher education as expert knowledge to building learner competencies including learning to learn, and lifelong learning. That means we have to focus on understanding fundamentals very well, and learning new skills/competencies that would enable individuals to cope with the demands of the rapidly changing workplace. Let prepare global engineers who will have to solve problems and challenges which are not even known today. It is notable that outcome based education assures program quality. It is not an award system, not an investigation of a complaint, not an audit not even a ranking system. It is pure quality oriented standard system and competence development up to benchmark. It provides assurance that a college or university program meets the quality standards of the profession for which that program prepares its graduates.

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# Integration of Virtual Labs in scientific e-learning

Students can obtain information on laboratory contents equally well from two types of laboratories :a virtual laboratory and a physical laboratory. Virtual Labs provides a complete learning management system in which students can take advantage of various learning tools, including additional web resources, video lectures, animated demonstrations and self - assessment. Virtual Labs does not require any additional infrastructure configuration to conduct experiments at the user's site. Simulation - based experiments can be accessed remotely via the Internet. Provides remote access to laboratories in various disciplines of science and engineering. These Virtual labs aimed at undergraduate, postgraduate and research scholars to encourage conducting experiments and arousing their curiosity. This would help them learn basic and advanced concepts through remote experimentation. It provides a complete learning management system in Virtual Labs where students can take advantage of various learning tools,including additional web resources, video lectures, animated demonstrations and self-assessment. It also shares expensive equipment and resources, otherwise available to a limited number of users due to time constraints and geographical distances. The virtual laboratory is a good concept to understand better. The concept of virtual laboratory is advantageous to both faculty members and students.



The Virtual Labs project is an initiative of the Ministry of Human Resources Development (MHRD), Government of India, under the auspices of the National Education Mission through Information and Communication Technology (NMEICT). This project is a consortium activity of twelve participating shift in ICT - based education. For the first time, this initiative was taken in remote experimentation. Within the Virtual Labs project, over 100 Virtual Labs consisting of approximately 700+ web - enabled experiments have been designed for remote operation and visualization.

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# Digital Marketing Yesterday, Today and Tomorrow

In this digital age, digital marketing is a mode that is sweeping across the entire world. The inclination of digital marketing is budding day by day with the ideas of online marketing that is turning into a crucial platform of digital marketing beside with the electronic gadgets like the digital billboards, tablets and smart phones and many more that facilitate digital marketing. The huge budge in mobile, forcing brands and companies to meet the increasing consumerism demand and also it changes the way they look at the marketing platforms. And few years from now it will be eventually seen that the conventional marketing being replaced by digital marketing. Content writing is not enough to stay at the game. Visuality is important more than ever. Many creative apps and new technologies continue to rise. To attack the future, first stay tuned with the past.



## Evolution of Digital Marketing

Digital marketing is becoming popular these days. But the evolution started off with the invention of Radio by Marconi. Some argue that actually it kicked off with the invention of email. The term Digital Marketing itself was coined in 1990 because the first search engine Archie was invented. In 1993 first clickable Ad banner was aired. Yahoo made its debut then followed by Google. Cookie technology which was a code that keep track of user information in client browser also played an important role in the history of digital marketing. The year 2000 was a milestone for digital marketing. The invention of DotCom made many internet startups to shut down. Google introduced Adwords which enable marketers to advertize their products. Social media was introduced. Later Google was made public and Facebook was introduced. YouTube was launched which enabled marketers to promote their brands. The mobile technology caught fire and WhatsApp was launched. In 2011 Google+ was introduced which promoted Digital Marketing. There is back from then look till now.

## Digital Marketing Definition and its types

According to Wikipedia digital marketing is defined as follows. Definition: “Digital marketing is the marketing of products or services using digital technologies, mainly on the Internet, but also including mobile phones, display advertising, and any other digital medium.”

- Communication is mostly online with the help of social media.
- Campaign is easier and faster with the help of digital tools
- Content though open for all is made available to target audience through social media.
- It is mostly meant for global audience

## Digital Marketing Today

Today digital marketing is formed by the supply of a broad and wide digital audience. In step with analysis at good insights:

The number of web users worldwide (as of last year) has crossed four billions. The number of social media users worldwide (as of last year) is nearly three billions. The number of mobile users worldwide (as of last year) is around five billions. These numbers reflect a definite rise in usership from previous years. Also it is influenced by the subsequent trends Buyer's behavior 70% of a client's journey is currently completed before a buyer even reaches intention sales. A set increase with personal sharing is here, inspired by digital media. This suggests that digitally native customers, like millennial and members of info Z, price personalization in their digital expertise. Format to reach customer Today, shoppers favor mobile phones as a medium for communicating with the web followed by laptops, desktops, other electronic gadgets. Millennial are found to presently act with 3 different kinds of screens. Gen Z act with Smartphone, TVs, Laptops, and desktops, Ipads or IPods.

## Digital Marketing Tomorrow

The Digital marketing is going to change drastically because of the adoption of new technologies. Also the web is getting saturated day by day. The Digital Marketing is not limited to the planet of advertising & marketing only, but it has been choice between our pasts and today, and for sure, it will shape up the future of human civilization.

It will be the lashing force for the channelization of human civilization and there will not be any dilemma that Digital Technology is a Boon or Bane! The future of digital marketing looks like: a blend of digital and conventional marketing where digital marketing impels customers to interrelate with the product in person and vice-versa. Now-a-days companies simply can't afford to overlook digital marketing if they want to stay viable in the market. And as the world becomes more connected, digital marketing will continue to coerce innovation on the internet, just as the internet drives novelty in digital marketing.

In future, digital marketing are not meant for just driving people to your site; it will be about creating "buzz" around your brand that trickle over into the customer's daily life.

Technology is classier and with new technologies like machine learning and artificial intelligence we are going to see the changes in online marketing too. Once what we used will not exist tomorrow. Facebook may lose fame and instagram may pick up. Chatbots will be used more. Content marketing will see a boom. Emails will be more personalized.

## Conclusion

Marketing has reached the peak with change in human behavior and marketers are performing well. The exquisiteness of digital marketing area is that it is quite dynamic and doesn't belong to a rigid time period. The improvement that occur every now and then in the digital marketing space, provides everyone with a fair chance to grow. There are various digital marketing drift and tactics require to be modified to rest at the center of user attention and search engines. It is required for everyone to keep our eyes open and develop the best digital marketing etiquette that will keep us ahead of the innovative curve.

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# Attack of Dos in Public Cloud in Cloud Computing

Cloud computing is the delivery of computing services including servers, storage, databases, networking, software, analytics and intelligence over the internet (“the cloud”) to offer faster innovation, flexible resources and economics of scale.

Cloud computing is usually described in one of two ways either based on the deployment of model or on the service that the cloud is offering, based on a deployment model we can classify the cloud as public that are managed by the third parties which provide



cloud services over the internet to public, these services are available as pay-as-you-go billing mode. They offer solutions for minimizing IT Infrastructure. They are a go-to option for small enterprises which are able to start their businesses without large upfront investments by completely relying on public infrastructure for their IT needs. Public cloud is multitenant that is meant to serve multiple users, not a single customer. A user requires a virtual computing environment that is separated, and most likely isolated from the other users. Private clouds are distributed systems that work on a private infrastructure and providing the users with dynamic provisioning of computing resources instead of a pay-as-you-go model as in public clouds there could be other schemes in that take into account the usage of the cloud and proportionally bill the different departments or sections of an enterprise.

The advantages of using private clouds can portray customer information protection, infrastructure ensuring SLAs, compliance with standard procedures and operations. Hybrid cloud is a heterogeneous distributed system resulted by combining facilities of public cloud and private cloud. For this reason they are also called heterogeneous clouds. Community clouds are distributed systems created by integrating the services of different clouds to address the specific needs of an industry, or a community, or a business sector. In this cloud the infrastructure is shared between organizations which have shared concerns or tasks. The cloud may be managed by an organization or a third party. Some sectors which use hybrid clouds are media industry, healthcare industry, energy and core industry, scientific research, rest based on a service the cloud model is offering IaaS (Infrastructure as a Service) which is used for internet-based access to storage and computing power. It is the most basic category of cloud computing. Distributed systems that work computing types, IaaS lets you rent IT infrastructure—servers and virtual machines, storage networks and operating systems—from a cloud provider on a pay-as-you-go basis.

PaaS(platform as a service) The second cloud computing type is which gives developers the tools to build and host web applications .PaaS is designed to give users access to the components they require to quickly develop the operate web or mobile applications over the internet without worrying about setting up or managing the underlying infrastructure of servers ,storage, network and databases SaaS(software as a service) the third cloud computing is used for web based applications .SaaS is a method for delivering software applications over the internet where the cloud providers host manages the software applications making it easier to have the same applications on all of your devices at it once by accessing it & the cloud or storage ,database, information, process, application, integration, security. Management, testing as a service. various benefits of cloud computing are cost, global scale, speed, security, productivity, performance, reliability. Cloud security also known as cloud computing security, consists of a set of policies, controls, procedures and technologies that work together to protect cloud-based systems data and infrastructure. These security measures are configured to protect data support regulatory compliance and protect customers privacy as well as setting authentication rules for individual users and devices from authentication access to filtering traffic ,cloud security can be configured to the extract needs of the business, because these rules can be configures and manages in one place ,administration overheads are reduced and IT teams empowered to focus on other areas of business. The way cloud security is deliveries will depend on the individual cloud providers or the cloud security solutions in place. implementation of cloud security processes should be a joint responsibility between the business owner and solution provider.

Cloud security benefits includes centralized security, reduced costs, reduced administration, reliability. In case of public cloud scenario, elements of security are typically provided by the third-party cloud service providers. Depending on the industry and type of information stored in a public cloud there may be enough privacy and security. A private cloud offers the most control over security parameters because all security parameters because all security efforts are done in house or are outsources to managed security provider. There are options for businesses looking for increased security while taking advantage of a flexible public infrastructure such as a cloud-based content delivery network. A dos(denial -of -service) attack on public cloud is a security event that occurs when an attacker prevents legitimate users from accessing specific computer systems, devices, services or other IT resources

.Dos attacks typically floods servers,systems or networks with traffic in order to overwhelm the victims resources and make it difficult or impossible for legitimate users to access them.Whon an attack that crashes a server can often be dealt with successfully by simply rebooting the systems, flooding attacks can be more difficult to recover from recovering from a ddos (distributed denial of service) attack, in which attack traffic comes from a large no of sources, can be even more difficult. Dos and ddos attacks often use vulnerabilities in the way networking protocols handle network traffic, for example by transmitting a large number of packets to a vulnerable network service from different internet protocol (IP)addresses in order to overwhelm the service and make it unavailable to legitimate users.Signs of a dos attacks is provided in guidelines given by us computer emergency readiness team(us-cert) to determine when a dos attack may be underway .US-CERT states that the following may indicate such attack. Degradation in network performance, an inability to reach a particular website, difficult accessing a website, higher than unusual volume of spam email.Preventing a dos attack expert recommend a no. of strategies to defend against dos and DDoS attacks, starting with preparing an incident response plan well in advance.When an enterprise suspects a dos attack is underway, it should contact its internet service provider (ISP) to determine whether the incident is an actual dos attack or degradation of performance caused by some other factor. The ISP can help with dos and ddos mitigation by rerouting or throtling malicious traffic and using load balancers to reduce the effect of the attack. detection products for dos protection SME intrusion detection systems, intrusion prevention systems and firewalls offer dos detection functions. So, we can conclude that by preventing the dos attack by detection products, we can also use or access features of public cloud efficiently and safely so that more future expects to go with public cloud.

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# Impact of social media on indian youth

Introduction: Due to the rapid emergence of Web 2.0 technology, social media has become the main topic of discussion and investigation. The current trend in the use of social media provides evidence that this technology is gaining importance in the lives of youngsters (Creighton, Foster, Klingsmith and Withey, 2013). People use social media for a variety of reasons; to communicate, interact, update remind each other, socialize, share and search information and knowledge, collaborate, as well as entertain and relax. In public and private places, it is often the case that people use the monopod to “selfie” their own photos and immediately upload them on their pages or read newspapers, e-books and blogs, play video games, watch movies or chat via instant messengers, laptops, tablets, smartphones or other devices. In fact, social media users have been found to be addicted to mobile text messages and social networking sites. The impact of these social applications is also shown in India. Currently, social media is part of the lives of most Indian youth. Internet use is now significantly shifted to social media sites. Undoubtedly, social media has its advantages, but excessive use of social media affects the lifestyle of young people. In addition, statistics show that addiction to social media has increased health problems and changed behavior. This article focuses on the impact of social networking sites on youth, good, bad and major problems associated with social applications, i.e. Facebook, YouTube, Whatsapp, Instagram, Twitter and TikTok.



Growth of Social App: According to the IAMAI report, 97 percent of users use a mobile phone as one of the devices that provide Internet access. While internet users increased by 7 percent in urban India, reaching 315 million users in 2018, and rural India drives digital adoption, registering a 35 percent increase in the number of Internet users over the past year, so to meet people’s needs, various quickly emerged mobile applications and the number of applications is constantly growing. With the rapid development of social media, Facebook came in 2006 and triggered a social media boom. Instagram launched on October 6, 2010, and its growth grows to 1 million in two months. In 2012, Facebook was bought for \$ 1 billion. It currently has over 600 million active users and is still growing rapidly.

WhatsApp was founded in 2009 by Brian Acton and Jan Koum, and in December 2013 WhatsApp claimed that 400 million active users a month use the service. On February 19, 2014, Facebook announced that it was acquiring WhatsApp for \$ 19 billion, which is the largest acquisition to date.

The most powerful Twitter platform was also launched in July 2006, which by February 2019 has 321 million active users. In the hasty development of the short film industry, all types of short video applications appear at the right time and spread quickly. For example, TikTok is an social media app for iOS and Android for creating and sharing short movies with lip sync, comedies and talents. The application was launched by ByteDance in 2017 for markets outside of China. Bytdance launched the first Doyin on the Chinese market in September 2016.

TikTok is the most downloaded social media app and is one of the best social media influencer. Marketing due to its viral power of trendy videos generated by channels for the younger generation compared to Instagram or YouTube.

Figure 1. Reveals that WhatsApp again topped the download charts with four of the five most installed apps. Messenger on number 2 and Facebook is on 3 positions Tik-Tok, which had ranked No. 4 overall.



Note: Google Play downloads do not include pre-installed apps.

As per Google report in February 2019, following table shows the list of influencer on Twitter , Instagram and Tiktok

Twitter	Instagram	TikTok
<ul style="list-style-type: none"> <li>✚ Narendra Modi - 44.1 million followers.</li> <li>✚ Shah Rukh Khan – 36.5 million followers</li> <li>✚ Amitabh Bachchan – 35.2 million followers.</li> <li>✚ Salman Khan – 34.7 million followers.</li> <li>✚ AkshayKumar- 28.2 million followers.</li> <li>✚ Sachin Tendulkar-27.2 million followers.</li> <li>✚ Virat Kohli-26.7 million followers.</li> <li>✚ Deepika Padukone – 24.8 million followers.</li> </ul>	<ul style="list-style-type: none"> <li>✚ Piyanka Chopra Jonas. Followed by 42.5 Million users Priyanka Chopra is the most followed person on Instagram in India.</li> <li>✚ Deepika Padukone.</li> <li>✚ Virat Kohli.</li> <li>✚ Alia Bhatt.</li> <li>✚ Shraddha Kapoor.</li> <li>✚ Jacqueline Fernandez.</li> <li>✚ Akshay Kumar.</li> <li>✚ Anushka Sharma.</li> </ul>	<ul style="list-style-type: none"> <li>✚ Faisal Shaikh – 24.1 Million Followers</li> <li>✚ Jannat Zubair – 19.0 Million Followers</li> <li>✚ Riyaz Aly – 16.8 Million Followers</li> <li>✚ Awez Darbar – 14.3 Million Followers</li> <li>✚ Garima Chaurasia – 13.6 Million Followers</li> <li>✚ Avneet Kaur – 13.5 Million Followers</li> <li>✚ Manjul Khattar – 12.0 Million Followers</li> <li>✚ Nisha Guragain – 10.7 Million Followers</li> <li>✚ Adnan Shaikh – 10.6 Million Followers</li> <li>✚ Hasnain Khan – 10.4 Million Followers</li> </ul>

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## Impact of COVID-19 on Education of India

COVID-19 has dramatically changed the education landscape, with an enormous growth of e-learning, in which teaching is done remotely and on digital platforms. This has created many challenges and various opportunities have also developed. Indian government and various stakeholders of education have explored various digital technologies to deal with the current crisis of COVID-19. Digital learning portals not only help students to have full access to study material, but also allow them to engage in online classes and interact with teachers like a physical classroom.



The priority should be to utilize digital technology to create an advantageous position for millions of young students in India. It is need of the educational institutions to strengthen their knowledge and Information Technology infrastructure for facing COVID-19 like situations. Even if the COVID-19 crisis stretches longer, there is an urgent need to take efforts on maximum utilization of online platforms so that students not only complete their degree in this academic year but also to get ready for the future digital oriented environment.

The Ministry of Human Resource Development (MHRD) has made several arrangements, including online portals and educational channels through Direct to Home TV, Radios for students to continue learning. During lockdown, students are using popular social media tools like WhatsApp, Zoom, Google meet, Telegram, Youtube live, Facebook live etc. for online teaching learning system. ICT initiative of MHRD (e-Broucher <https://mhrd.gov.in/ict-initiatives>) is a unique platform which combines all digital resources for online education.

## The digital initiatives of MHRD for education during COVID-19 are listed as below:



- Swayam: It is a national online education platform hosting 1900+ courses. It is integrated with the conventional education. Website: <https://swayam.gov.in/>



- Virtual Labs: It provides remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars. It develops virtual experiments for Virtual labs suited to course curriculum in gap areas.



- Swayam Prabha: It has 32 DTH TV channels transmitting educational contents.. These channels are available for viewing all across the country using DD Free Dish Set Top Box and Antenna. Website: <https://swayamprabha.gov.in/>



Spoken Tutorials

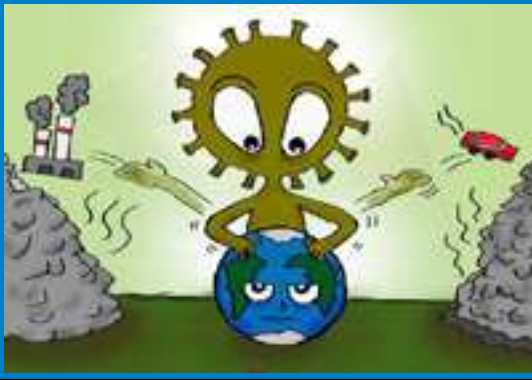
- Spoken Tutorial: The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.



- NPTEL: It provides E-learning through online Web and Video courses in Engineering, Science and humanities streams. The mission of NPTEL is to enhance the quality of Engineering education in the country by providing free online courseware.

Dr.Vijeta Kumawat, Associate Professor  
JECRC Foundation, Sitapura ,  
Jaipur, Rajasthan

# India Became Covid Positive



COVID-19 is a global challenge for the twenty-first century showing massive impacts on various aspects of human activities, as well as on the economy and health care systems. It has revealed the vulnerabilities and strength of every country and has taught us a series of lifelong lessons. Lock-downs, quarantines and border closures in the wake of the pandemic have led to reductions in air pollution through decreased travel and production. These positive environmental effects are like-



ly to be temporary, but may serve as an example that changes in our way of life can have prompt positive effects for the environment and demonstrate the usefulness of Social distancing. Thus, acknowledging that COVID-19 is first and foremost a global disaster, the pandemic may inspire to future behavioral changes with positive environmental effects.

Crime rates in Delhi, Kolkata, Chennai, Mumbai and Gurugram have plunged in the last one month after the COVID-19 fear almost paralyzed the cities. The Prime Minister's decision of a complete lockdown for 21-days and the vigilance by the local law enforcement has contributed significantly to the steep decline in the crime rate in several cities and towns. Greenhouse gas emissions and pollution levels across the country have fallen significantly. Compared to last year Delhi is currently enjoying one of the lowest air pollution levels seen in the past decade or longer. The same is true for other metropolitan cities like Mumbai and Kolkata.

Apart from sighting the occasional leopard on the streets of quasi-urban Maharashtra and spotting flocks of flamingos in Navi Mumbai, other wildlife including that of mountain goats, bison, wild cats, fishing cats, civets and birds. Migratory birds are returning to lakes and water bodies they had once abandoned due to heavy pollution and human intervention. Nature is healing while people restrict their movement outdoors and vehicles retreat to garages and depots. Maybe this Coronavirus outbreak has brought the darkest hour of our life, but it has had an unexpected positive changes in our lifestyle.

B.Umamaheswari, Asst. Proffesor  
JECRC Foundation, Sitapura,  
Jaipur, Rajasthan



# Smart Business Hackathon

You do not need money to be an entrepreneur, you need an idea with potential and the money will flow in. JECRC Foundation presented all budding entrepreneurs a platform to showcase and refine their business plans, working on it with the choicest mentor and investors from across the country. The Smart Business Hackathon association with RTU Kota on 11th-12th



October witnessed the smart business ideas of more than 250 teams. The NASA app challenge also saw a curious participation of students wishing to develop new age solutions



for many common problems. Prizes worth 2 lacs were distributed to the winners along with opportunities to revolutionize their idea. Shri Arpit Agarwal, Director JECRC and Dr Vinay Chandna, Principal JECRC Foundation congratulated all participants and winners and wished them a successful entrepreneurial future.

The winner of this 36 hour long Hackathon is team Odinson from RTU. Odin is the name of the supreme god of art and wisdom, and their team's name portrays their manoeuvre and excellency just right. Here's an overview of the idea these guys worked on :- "Low cost automation with energy efficiency and management". Cheers and huge congratulations to the runner up teams -Team DUMBLEDORE'S ARMY, ED APPLY and SOCIAL ROBOTS.





# JECRC Hackathon 4.0

PRELIMINARY ROUND OF SMART INDIA HACKATHON

With the experience of facilitating five national hackathons throughout the most recent three years, we are an expert with regards to hackathon, with this JECRC organised a hackathon on 17th and 18th January 2020. JECRC joins the energy of every one of its understudies as they line up to enroll themselves as a taking an interest group in JECRC hackathon 4.0. As obvi-



ous the vitality and devotion at its top as groups turn up in enormous numbers to battle it out for the top spot.



The JECRC Hackathon 4.0 was inaugurated with much fervour and enthusiasm in the esteemed presence of Shri. Manish Johari, Senior Vice President, Lead Angels and Shri. Jagat Shah, Senior Vice President, Lead Angels. The dignitaries highlighted the need of technological solutions for social problems and motivated the participants to become problem solvers. Director, Sh. Arpit Agrawal, underlined the existing

culture of startups and hackathons at JECRC and inspired the students to join the league of JECRC Entrepreneurs. Principal, Dr. Vinay Chandna, declared the event open and wished all teams a great stroke of luck.

HACKATHON



As the serious coding starts the temperatures soar as each group puts its nerdiest cerebrums and most brilliant mind into finding the best answer for their concern proclamation. The climate is energized with the vitality of youthful personalities as they code their approach to magnificence. The esteemed panel of judges for JECRC Hackathon 4.0 included experts from industry, government and academia. An interactive session for the judges was scheduled with the JECRC Hackathon 4.0 core team to bring them up to speed with the format of the competition and the judging criteria.



In the primary endeavor to sack the situation of champ at JECRC Hackathon 4.0, members put in their absolute best effort in the principal power judgment round. Communicating their thought and advancement to the regarded board of

judges, each group has their fingers crossed. Judges experienced each group's one of a kind temperance and evaluated them on all parameters of working and convenience. After the first round of JECRC Hackathon 4.0, out of 90 groups 28 were chosen. Working steadily since 10 hours, and remembering the contributions from tutors, they satisfied the trailblazer necessities.

At JECRC Hackathon 4.0, it's not all work and no play. To invigorate the members and give them rest from unwavering errands, fun midnight exercises were sorted out. These included blaze which energized and filled the members and set them up for the coming deciding round. In the final attempt to bag the position of winner at JECRC Hackathon 4.0, participants put their best foot forward in the final power judgment round. Judges went through each team's unique virtue and graded them on all parameters of working and usability. Finally the results were announced and three teams beat all odds & solved their problem statements, accommodating instructions of their judges & mentors to come out at the very top of this grilling competition. They, along with 4 other teams will now represent JECRC at Smart India Hackathon 2020, Software & Hardware Edition.

HACKATHON

With a strong focus on an innovation centric culture, JECRC Foundation has been a part of the Smart India Hackathon initiative of Government of India since its inception in 2017. Not just as a consecutive host institute but also in terms of sending quality participation from our students every year. A brainstorming session of our students selected for Smart India Hackathon 2020, Software & Hardware editions was held yesterday, chaired by our Director, Sh. Arpit Agrawal. The meeting was also attended by Dr. Bhawna Sharma, SPOC at JECRC University for Smart India Hackathon 2020 & Mr. Vikas Sharma, Team Mentor. The Director congratulated the students on their selection and reviewed the progress of the solutions of their problem statements. He emphasised that with the extensive startup ecosystem in place at JECRC Foundation, the organisation fully commits its resources to scaling these solutions into successful startup ideas.



A brainstorming session of our students selected for Smart India Hackathon 2020, Software & Hardware editions was held yesterday, chaired by our Director, Sh. Arpit Agrawal. The meeting was also attended by Dr. Bhawna Sharma, SPOC at JECRC University for Smart India Hackathon 2020 & Mr. Vikas Sharma, Team Mentor. The Director congratulated the students on their selection and reviewed the progress of the solutions of their problem statements. He emphasised that with the extensive startup ecosystem in place at JECRC Foundation, the organisation fully commits its resources to scaling these solutions into successful startup ideas.



# JECRC ONLINE IDEATHON'20



“Let’s team up to focus around making the lockdown time a little less bleak “ JECRC Incubation Center conducted Online Ideathon for you. In the midst of this pandemic and the surrounding economic implications, several opportunities are arising in specific industries and many of the companies in these fields are experiencing unprecedented growth. JECRC invited startup ideas around these growing industries. It was highly motivating to see School Students participating along with College Students in large numbers, sharing their unique ideas involving awareness and innovation. This fact alone stands as a testimonial to the fact how successful this Ideathon was.



**JECRC ONLINE IDEATHON\_COVID-19 RESULTS**  
**SCHOOL WINNERS**

**KARTIK YADAV**  
JIP INTERNATIONAL SCHOOL  
(Prize ₹11,000)

**PANKAJ GEHLOT**  
JIP ICMS  
(Prize ₹5,000)

**ADITYA JAIN**  
JYVAVELI, KUDWA TA. DAL. BHILAI  
(Prize ₹2,000)



**JECRC ONLINE IDEATHON\_COVID-19 RESULTS**  
**COLLEGE WINNERS**

**ANURAG GUPTA**  
SILICON INSTITUTE OF TECHNOLOGY, BHUBANESHWAR  
(Prize ₹13,000)

**RISHABH AGARWAL**  
JECRC UNIVERSITY JIPRA  
(Prize ₹5,000)

**ABHISHEK CHAUDHARY**  
JIP ICMS  
(Prize ₹2,000)

# 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 Jhwar (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.



# Mun-2020

## It's Debatable

To not let the debating spirits of their delegates down, JECRC MUN on 12th April 2020 conducted an online debate which was moderated by Mr. Akash Kapoor, Mr. Naman Vank and Mr.Sathyajith. JECRC MUN is thankful for all the participants who joined in a healthy debate on the theme "Corona Virus-An Act of God". The debate was conducted in 2 rounds and JECRC MUN team was delighted to present this platform. In these tough times, we are all here with a responsibility to break the chain of COVID-19 spread. Let's stay home, stay safe and use this time to sharpen and polish our skills and develop new interests.



## Zero Hour Summit

In the times of COVID-19 crisis when individuals are confined in their houses, JECRC MUN brought the world together with "Zero-Hour Summit". It an attempt to keep the exchange of ideas going, a conference was conducted online where ideas regarding COVID-19 distress and its alleviation were discussed. With an audience of more than 2000+ viewers from across the country and 300+ participants from more than 10 countries of the world, the opinions and ideas sprouted from young minds.

The debaters from Sri Lanka, Indonesia, Turkey, Malaysia, UAE, Ukraine and many other nations came together to discuss the issues of pandemic. Shri Sanjay Jha, Director of Dale Carnegie Training operations in India, and spokesperson of INC presided over the event as the Guest Speaker for the Inauguration Ceremony. He spoke at length about the extraordinary times being faced by this generation and why the world is in paranoia. With the organization of 'Zero-Hour Summit' by JECRC MUN, JECRC Foundation became the first institute of Rajasthan to offer a free online platform to youth where their voice could be heard. The motive was to promote exploration of self, amidst the young generation as no commercial fees of registration was taken from participants. The Law School of JECRC University lent a major supporting hand for the event, for which everyone was thankful. Shri Arpit Agrawal Director JECRC Foundation and Shri Pramod Kumar Tiwari Senior Advisor JECRC Foundation, both stood as a supporting pillar during its organization.





# Aashayein

The Life Saviours

"Teamwork is the fuel which allows common people to do uncommon things."

Aashayein - The Life Saviours, a social group of JECRC since October 2013 is dedicated towards saving the venerated lives by fulfilling the growing demand of blood and SDP. Team Aashayein through their hard-work has saved thousands of life under the umbrella of JECRC.

Following are the events that made this year worth remembering -

## Recruitment

Aashayein- The Life Saviours initiated the recruitment procedure on 28th - 29th Aug, 2019 for the fresh souls to be a part of the journey of serving humanity.

Around 180 young buds showcased their talents in various verticles to prove themselves worthy. Aashayein believes that they will continue the legacy of their seniors and frame the future of the group.

## Blood group checkup camp

Team Aashayein organized a day long, free of cost selfless event on 4th September, 2019. There was an embarking participation of 774 students awoke the will to hold the cause for cherishing the ecstatic smiles.

## Blood donation camp

Team Aashayein along with rotatory club organized BDC on 21st Sep, 2019. A total of 2385 units of blood was collected by the wilfull donation of the real life superheroes and they set a milestone by gardening up such a huge amount of support from passionate believers.

## Old Age Home visit

Team Aashayein visited Shri Ram Vridh Ashram, Chaksu to share smiles with the pious selves. The team was accompanied by Sh. O.P. Jain Sir, Senior Advisor, Social Initiatives, and Sh. Kuldeep Sharma Sir, Faculty Coordinator of the team, which made the day even more magnanimous. The day commenced with the hoisting of the Tiranga to celebrate Republic Day.

## Felicitation day

20th February 2020, 'Felicitation Day proved to be a Red Letter Day in the annals of Team Aashayein as a large number of blood and SDP donors were felicitated for their noble act of endowing the gift of life The auspicious presence of Sh O.P. Agrawal, Chairman, Saviours inspired and motivated the superheroes. Mr Ravi Kalra, Founder and President of The Earth Saviours Foundation and Mr Sharad Vivek Sagar, CEO and Founder of Dexterity Global graced the occasion as the Guests of Honour.





# Soch

Kuch kar Dikhane ki

As the name signifies, Soch is the skill to bring out that noble thought from million of thoughts which has the potential to change the world, which can amend the thought process of millions. Team Soch by its work is able to bring smile on many faces by conducting various events this year.

## Recruitment

No often does a situation arise when you are totally baffled by your very own achievements. Something very similar happened to SOCH on 30th and 31st Aug, 2019, when SOCH opened its recruitment window.

Around 200 applicants came forward and created a new milestone in SOCH's history.

Copped by some astonishing performances and a surprise visit from recently graduated members of the group, the whole process without a doubt was a monumental success.

## Cleanliness drive

Team Soch organized a cleanliness drive on 30th September 2019. Students visited Statue Circle, Jaipur to spread awareness about cleanliness. The team spread the motto "farak padega" and they are committed to take the society to new heights.

## Mother Teresa Home visit

Members of team paid a visit to Mother Teresa Home - an orphanage and celebrated the occasion of Foundation day by spreading smiles on the faces of children and adults present there. Team members provided the people with food items and created moments of cheerful dance, claps of joy, stories and warm gestures of tenderness.

## Vastra samman

On 19th October 2019 team Soch organized Vastra Samman in construction sites of Purple Group Melodia and nearby slums. A grand total of 4027+ units of clothes were distributed among the needy.



Zarurat

# Zarurat

The Help Beyond

Zarurat is a social initiative taken by the students of JECRC Foundation in which they provide free of cost education to the underprivileged kids of nearby slum areas on all working days after college hours. Zarurat was established in 2011 and since then it has seen great heights.

Here are the few events that Team Zarurat organized this year :

## Recruitment

"EACH ONE TEACH ONE" demonstrates the noble cause behind the initiative of Team ZARURAT.

With the zeal to work and be part of such a noble cause , a lot of faces full of excitement and admiration towards innocent toddlers was witnessed. Around 150 students showed their dedication and participated enthusiastically in recruitment drive.

## Teacher's day

To pay a little token of appreciation towards the teachers , Zarurat celebrated teacher's day on 5th Sep, 2019.

## Joy of giving week

It was a week long celebration in the month of October,2019 in which Team Zarurat performed 7 acts of giving in 7 days of week.







# Suhasini

An initiative to Save the Smile of the Girl Child

Suhasini, an initiative to "Save the smile of girl child" laid down its foundation on National Girl child Day - 24th Jan, 2015. At present the team has been working in various villages.

Following are its activities and campaigns:

## Recruitment

The world will be changed by people who think they can bring the change.

SUHASINI - an initiative to transform society and its mindset, having a motto of saving the smile of girl child received an overwhelming response from newly entered changemakers during two days of recruitment process. More than 200 enthusiastic students brought their aspiration for social service.

## Roadshow

To eradicate 'A girl is apart not a part' Team Suhasini performed a roadshow on "Girlforce - Unscripted and Unstoppable" at Albert Hall, Jaipur on 13th October, 2019.

## National Girl Child Day celebration

On 24th Jan 2020, Team Suhasini celebrated National Girl Child Day with the little souls at Badi ka bas Govt. School. A lot of indoor and outdoor activities were conducted for the children.

## Visit

Team Suhasini with the students of Rajkiya Balika Prathmik Vidyalaya, Sector 3, Haldi ghati Govt. School went on a visit to Science Park. They also had some officials from traffic Department, took the children to Traffic Rule Park and taught them traffic rules and safety precautions.

## Self defence training session

Concerned over the security of girls and self-development Team Suhasini in association with Women Power Self Defense Council - Police Commissionerate Jaipur and Manav Seva Trust provided a free self-defense training at JECRC Foundation.

## International Women's Day celebration

Team Suhasini united with WCD (Ministry of women and child development) and came forward with a play named "Udaan" on the occasion of international Women's day.





# Spiritual Research Cell

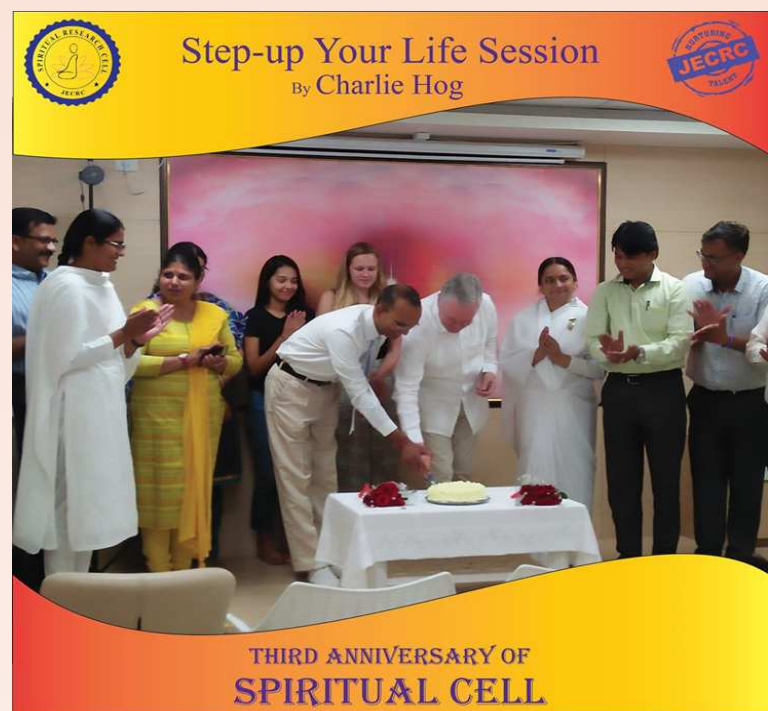
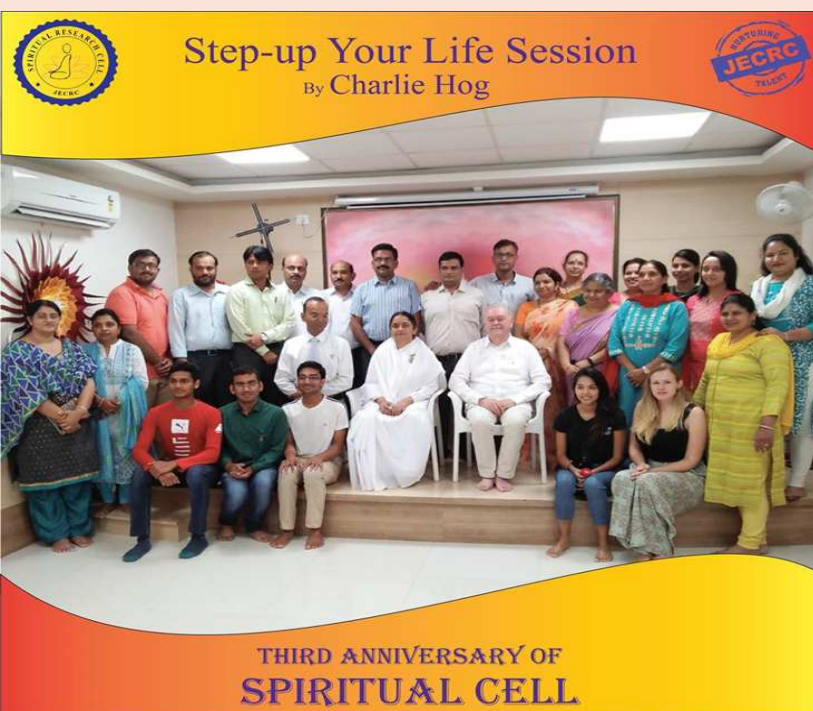
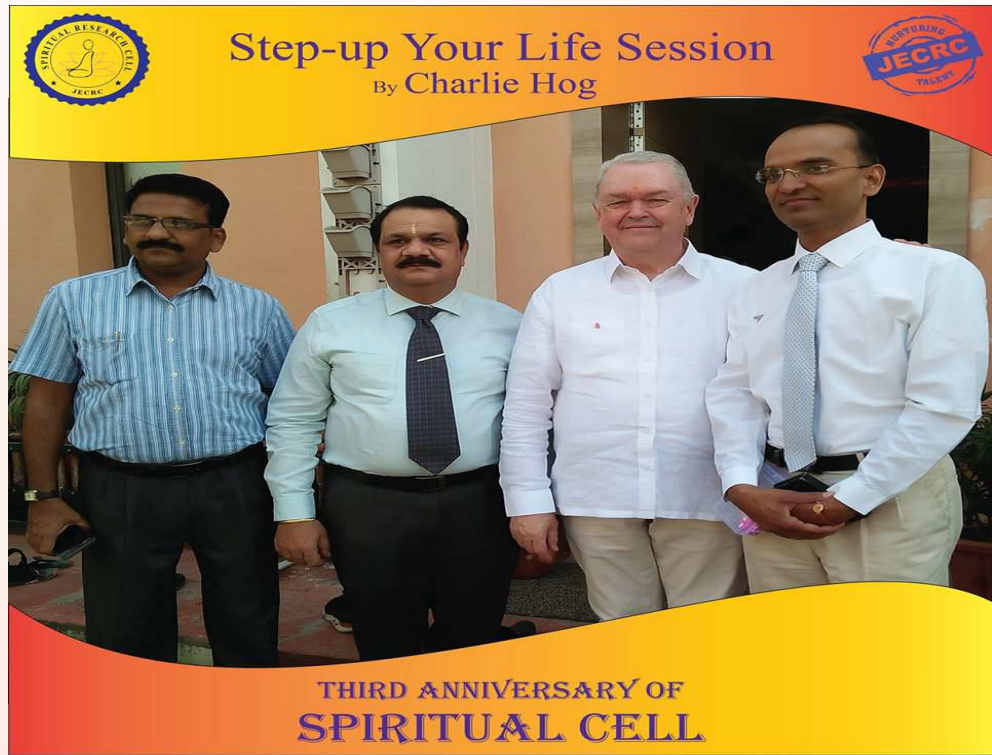
A joint venture of JECRC & DST powered by Department of Computer Science

*“ Meditation is not a way of making your mind quiet. It's a way of entering into the quiet that's already there- buried under the 50,000 thoughts the average person thinks everyday.”*

A pious place is created in JECRC to rejuvenate and re-establish the lost definition of Self and broken connection with the supreme. A research laboratory for conducting research on meditation is equivalent with EEG, EMG, Karadascan, Aura Scanning and other health monitoring devices

# Third anniversary

Third anniversary of spiritual research cell was celebrated in JECRC foundation. A session 'Step up your life' was also conducted by Brother Charlie Hogg ( National Coordinator , Brahma Kumaris, Australia ) at the spiritual cell. Around 40 intellectuals attended the event along with delegates of Germany and Argentina. After having a visit at Spiritual Cell, he told , " I have visited more than 100 countries of the world but never seen such a wonderful meditation centre in any educational institute."



# Workshop



A workshop was organized on Thought Management .50 graduate students participated in this workshop. Thought Lab founder Mr. Mukesh Aggarwal gave a lecture on the types of thoughts going on in the mind and how to control them. Describing this work-



*Thought  
Management  
Workshop*

shop as very significant in the lives of students, Pratibha Singh said that in this kind of environment around today, such a workshop is very important. Karada scan, memory test, construction test were also done during this workshop.



*Thought  
Management  
Workshop*

# DST DAAD 2019



JECRC had the privilege of hosting Prof. Gerald Drager and Ms. Friedrike Wessemann from Hannover, Germany. JECRC has bagged the DST DAAD 2019 project in partnership with Prof. Drager. On their visit they greatly appreciated the technical facilities and social initiatives of JECRC. They were greatly moved by the first of its kind Thought Laboratory in India established at JECRC.



# 2020

# PLACEMENT CELL

135 DAYS, 95 COMPANIES

# 1935 PLACEMENTS

35% Female Placement / Highest Package: 41.00 LPA

AS ON 16<sup>TH</sup> MARCH 2020

447

accenture

277

Capgemini

154

TATA  
TATA CONSULTANCY SERVICES

Deloitte.

BYJU'S  
The Learning App

Mindtree  
Welcome to possible

Infosys®

EY  
Building a better  
working world

Pinnacle  
Infotech

ZS

paytm

sopra  
steria

jaro education

## When we do it, we do it big!

It is not easy to sustain what you started and it is even more difficult to beat your own records. But we did it with a Bang!

JECRC has always been one of the top private engineering colleges when it comes to shaping the technical brains and producing the best placement for majority of our Computer Science students. Various IT giants such as TCS, Accenture, Mindtree and many other have continued the legacy of placements from our department and we had around 1935 placements.

Around 447 selections by Accenture, 277 by Capgemini and many more by other distinctive companies, we made it to 823 selections in just 30 days. The unprecedented start of the placement session at JECRC across all the streams with a significant hike in the average packages offered to the graduates.

JECRC is redefining the way students get hired! Beholding a huge number of students getting placed in various companies gave an immense satisfaction to the faculty members and students, especially the freshers. Such a magnificent growth of children to reach their paths of glory is simply sanguine and prodigious.

# Our Alumni

## Session 1

With more than 12000 alumni across 30 countries in the world, JECRC has an enviable alumni strength who are still deeply rooted to their Alma Mater. In these times of social distancing, our alumni stepped up to get closer to their juniors and chaired many online interactive sessions for our current students. Our alumni have consistently been grabbing influential positions in multi-national companies in less than a decade of their corporate life and have become truly global citizens while doing that. JECRC is sure that the current league of JECRCians will have a lot to learn from and a lot to aspire to.



## Session 2

As the COVID-19 situation has forced everyone to maintain distance, JECRC Foundation has launched the 'Alumni Interaction Series', curated for JECRC students to bring them closer to their seniors. These seniors, rich in industry experience & entrepreneurship skills helped the students navigate through these turbulent times. In the past few weeks, our alumni have used technology and stepped up time and again to mentor students by giving their professional values, sharing life learnings from their experience and providing industry insights. Excited by its immense success JECRC Alumni Cell conducted Phase II of Alumni Interaction Series on May 8th and it was a mesmerizing session.



# TEACHERS ACHIEVEMENT

## Dr. Sanjay Gour, Professor JECRC



- He attended the 4th international conference on Information and Communication technology for Competitive Strategies (ICTCS 2019) organised by B N University Udaipur sponsored by CSI India , The Institution of Engineers, India , ACM chapter Udaipur from 13th december -14th december, 2019
- He attended an International conference on Importance of Interdisciplinary Studies in Higher Education organised by University of Technology, Jaipur sponsored by CSI India, The Institution of Engineers, India , ACM chapter Udaipur from 26th december -27th december 2020
- He attended a National conference on Analytical aspect of dynamics organised by Central University of Himanchal pradesh sponsored by International Academy of Physical Sciences from 22nd november -23rd november 2019
- He attended a workshop on Assessment in Computer Science and Engineering with focus on examination reforms recommended by AICTE organised by poornima College of engineering , Jaipur sponsored by Manipal University and ACM India on August 2019
- He attended a FDP on Digital marketing organised by CAD DESK , jaipur sponsored by CAD DESK, JAIPUR from 17th december - 20th December 2019
- He attended a FDP on hands-on practice on AR-VR Technologies organised by RTU, Kota and Geetanjali Institute of technical Studies, Udaipur sponsored by TEQIP-III 17th june - 21st june 2019
- He attended a STTP on Teachers training workshop organised by RTU, Kota and JECRC Jaipur organised by TEQIP-III on 24th February 2020
- He received Best Researcher Award on 27th December berber 2019 by University of Technology, Jaipur. This award was given in reference of working in the computer science research activities and paper publications.It was a moment of pride to receive the award from Prof Dr.) N. P. Kaushik (exV.C. RTU Kota) & Prof ( Dr.) Praveen Trivedi (exV.C. Awadh University and Gorakhpur University.



- He was invited on 22 November 2019-23 November 2019 by Department of Mathematics Computer & Information Science of Central University (Himachal Pradesh) for Invited talk in their National Seminar entitled “Analytical aspects of Dynamics”. He delivered talk on “Numerical & statistical Inference in Data mining with reference of data pre-processing.
- He had chair the session on 13 December 2019-14 December 2019 in the 4th International Conference on Information and Communication technology for Competitive Strategies (CTCS-2019) at Bhupal Nobles’ University, Udaipur-India.
- He had chair the session in the FICR International Conference on Rising threats in Expert Application and Solutions from 17th January to 19th January 2020 at IIS University, Jaipur-India.

### Dr. Vijeta Kumawat, Associate JECRC



- She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 6, 2020.
- She attended a FDP on JAVA organized by Sinhgad Academy of Engineering, sponsored by IIT Bombay Spoken Tutorial from 4th May- 15th May,2020.
- She attended a FDP on Python and Fuzzy system organised by JSPM Nahre Technical Campus, sponsored by IIT Bombay Spoken Tutorial from 18th May - 23rd May, 2020
- She attended a FDP on FDP on LaTeX organised by Poornima University, sponsored by Spoken Tutorial, IIT from 4th May to 8th May, 2020
- She attended a STTP on Web Application Security Audit through ICT organised by NITTTR & JECRC organised by AICTE from 7th jan -11 jan2020

## Mr. Abhishek Jain, Assistant Professor JECRC



- He attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

## Ms. Richa Sharma, Assistant Professor JECRC



- She attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

- She attended a FDP on MACHINE LEARNING & DEEP LEARNING organised by FORSK TECHNOLOGY from 10th February -19th February 2020

- She attended a FDP on “Use of MATLAB in technical education” organised by Regional College of Engineering, Jaipur sponsored by TEQIP-III from 20th september -27th september 2019

## Ms. Anima Sharma, Assistant Professor JECRC



- She attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

- She attended a FDP on MACHINE LEARNING & DEEP LEARNING organised by FORSK TECHNOLOGY from 10th February -19th February 2020.

## Mr. Pradeep Kr. Sharma, Assistant Professor JECRC



- He attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- He attended FDP on Are you IoT ready? Join Configuration of Smart Home using CISCO Packet Tracer organised by JAIN University sponsored by CISCO Networking Academy on 23 May, 2020
- He attended FDP on Cyber Security organised by Velagapudi Ramakrishna Siddhartha Engineering College sponsored by SUPARAJA Technologies from 23rd May -27 May 2020
- He attended a FDP on Faculty Awareness program on NBA accreditation Process organised by SNJB College of Engineering on 17 May 2020

## Mr. Anoop Kumar Mehta, Assistant Professor JECRC



- He attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

## Ms. Manju Vyas, Assistant Professor JECRC



- She attended FDP on Foundation Program on Programming Fundamentals & Object Oriented Concepts using Python by Infosys under Infosys Campus Connect from 22nd June -29th June 2020.
- She attended a STTP on Student Evaluation organised by NITTTR & JECRC sponsored by AICTE from 3rd feb -7feb2020
- She attended a FDP on Faculty Training Programme on “ Machine Learning & Deep Learning” conducted by Forsk Coding School, held between 10th-19th Feb 2020

## Ms. Tanya Shruti, Assistant Professor JECRC



- She attended a National Conference on Contemporary Issues in Computer Technology organised by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- She attended a FDP on Cloud Computing using AWS organised by Trinity college of research, pune from 3rd June -7 June 2020
- She attended a FDP on Python and Emerging Trends in Machine Learning organised by Forsk Coding School, Jaipur from 2nd June -6 June 2020
- She attended a FDP on Latex Training organised by SS jain Subodh Girls College sponsored by IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India from 25th May -29 May 2020
- She attended a FDP on Java Programming organised by Anantrao Pawar College of Engineering & Research, Pune sponsored by IIT Bombay organized by Department of Information Technology from 26th May -30 May 2020
- She attended a Workshop on Machine Learning and Deep Learning organised by Forsk Coding school, Jaipur from 10th February -19 February 2020
- She attended a FDP on Python Programming and Concepts organised by Forsk Coding School, Jaipur from 9th december -13th december 2019

## Ms. Girija Lavania, Assistant Professor JECRC



- She has participated in One-week Faculty Training Programme, from 9th December 2019 to 15th December 2019 organized by Forsk Technologies. It's an Online (Instructor Led) and interactive training with both way communication. During the FTP, work is done on development of Python programming concepts and the curriculum of RTU/BTU Python Lab is covered.

## Mr. Rajan Kr. Jha , Assistant Professor JECRC



-He attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

-He attended a FDP on JAVA organized by Sinhgad Academy of Engineering, sponsored by IIT Bombay Spoken Tutorial from 4th May- 15th May,2020.

-He attended a FDP on Python 3.4.3 organized by RCPET Institute of Management Research and Development, Shirpur in association with IIT Bombay Spoken Tutorial from 21st April -26th April, 2020.

-He attended a FDP on LaTeX organized by Poornima University, sponsored by IIT Bombay Spoken Tutorial from 4th May- 8th May,2020.

-He attended a FDP on Cloud Computing using AWS organized by Trinity College of Research, Pune from 3rd June- 7th June,2020.

## Ms. Priyanka Mitra, Assistant Professor JECRC



-She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

-She attended FDP on Usage of Technology in Covid-19 organized by Ter-na Engineering College, Nerul, Navi Mumbai from 28th May- 2nd June,2020.

-She attended a FDP on Cloud Computing using AWS organized by Trinity College of Research, Pune from 3rd June- 7th June,2020.

-She attended a FDP on Python and Emerging Trends in Machine Learning organized by Forks Coding School, Jaipur from 2nd June- 6th June,2020.

## Ms. Suniti Chouhan, Assistant Professor JECRC



- She attended a FDP on Python programming concept organized by Forsk Coding School, Jaipur from 9th Dec- 13th Dec, 2019.
- She attended a workshop on LaTeX training organized by S.S. Jain Subodh Girls College in association with Spoken Tutorial Project , IIT Bombay in January 2020.
- She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- She attended a FDP on Cloud Computing using AWS organized by Trinity College of -She attended a FDP on Java Programming organized by Anantrao Pawar College of Engineering & Research, Pune from 26th May – 30th May.
- She attended a FDP on R programming organized by School of IT IMS Noida, sponsored by IIT Bombay Spoken Tutorial from 25th May- 29th May, 2020.

## Mr. Amit Mithal, Assistant Professor JECRC



- He attended a FDP on IoT in Manufacturing organized by NITTTR & JECRC from 6th Jan – 10th Jan,2020.
- He attended a FDP on Student Evaluation organized by NITTTR & JECRC from 3rd Feb- 7th Feb,2020.
- He attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- He attended a STTP on Python 3.4.3 organized by Dr. K.N Modi University , Newai, Rajasthan, sponsored by Spoken Tutorial Project, IIT Bombay from 29th May- 2nd June, 2020.

## Ms. Neha Solanki, Assistant Professor JECRC



-She attended a STTP on Teacher's training organized by RTU, Kota and JECRC, Jaipur in association with TEQIP-III on 24th Feb,2020.

-She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

-She attended a FDP on Student Evaluation organized by NITTTR & JECRC from 3rd Feb-7th Feb,2020.

## Mr. Kanishk Jain, Assistant Professor JECRC



-He attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

## Ms. Sweety Singhal, Assistant Professor JECRC



-She attended a STTP on Robotics and Autonomous vehicle organized by JECRC on 13th December,2019.

-She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

-She attended a workshop on E-Learning organized by Manjra Charitable Trust's, Smt SushilaDevi Deshmukh Senior College, Latur sponsored by EdFly on 27th May,2020.

## Ms. B Umamaheshwari, Assistant Professor JECRC



- She attended an international conference on Strategic Innovation and Emerging Perspectives for Global Business scenario organized by The Quaide Milleth College for Men on 21st August,2019.
- She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- She attended a FDP on LaTeX organized by Poornima University, sponsored by IIT Bombay Spoken Tutorial from 4th May- 8th May,2020.
- She attended a FDP on topic JAVA organized by Sinhgad Academy of Engineering, sponsored by IIT Bombay Spoken Tutorial from 4th May- 15th May,2020.
- She attended a FDP on Python and Fuzzy System organized by JSPM Narhe Technical Campus, Pune sponsored by IIT Bombay Spoken Tutorial from 18th May- 23rd May,2020.
- She attended a FDP on R programming organized by School of IT IMS Noida, sponsored by IIT Bombay Spoken Tutorial from 25th May- 29th May, 2020.

## Mr. Abhishek Dixit, Assistant Professor JECRC



- He attended a workshop on Automation Anywhere (RPA) organized by JECRC University in association with Automation Anywhere from 2nd October- 4th October,2019.
- He attended a FDP on Machine learning & Deep learning organized by Forsk Coding school , Jaipur fro 10th Feb- 1th Feb,2020.
- He attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.
- He attended a workshop on RPA Advanced level training organized by JECRC College (on-line mode), sponsored by Automation Anywhere on 25th May,2020.
- He attended a FDP on RPA Design and Development v1.0 Educator Readiness program organized by UiPath from 11th May- 20th May,2020



## Mr. Sachin Gupta, Assistant Professor JECRC



-He attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

## Dr. Neelam Choudhary, Associate Professor JECRC



-She attended a workshop on Automation Anywhere (RPA) organized by JECRC University in association with Automation Anywhere from 2nd October- 4th October,2019.

-She attended a STTP on One Day Teacher's Training organized by JECRC University sponsored by RTU on 24th Feb,2020.

-She attended a National Conference on Contemporary Issues in Computer Technology organized by JECRC College Jaipur, Rajasthan sponsored by CSI India on March 7, 2020.

-She attended a FDP on JAVA organized by Sinhgad Academy of Engineering, sponsored by IIT Bombay Spoken Tutorial from 4th May- 15th May,2020.

-She attended a FDP on Python and Fuzzy System organized by JSPM Narhe Technical Campus, Pune sponsored by IIT Bombay Spoken Tutorial from 18th May- 23rd May,2020.

-She attended a FDP on LaTeX organized by Poornima University, sponsored by IIT Bombay Spoken Tutorial from 4th May- 8th May,2020.

# Student corner

1. To promote internet in Indian languages various coders and developers were invited to be a part of the workshop of UNIVERSAL ACCEPTANCE. Here students were given a challenge to create a website/web application/ web service which specifically can accept validate, store ,process and display all domain names and email IDs in Devanagari scripts. Students form 2nd and 3rd year of CS Department bagged the first position and got a cheque price of Rs 5000/- . JECRC is overwhelmed by the achievements of the young buds.
2. Piyush Bohra, 3rd year is an academic topper in RTU examination .JECRC is setting benchmarks in academic excellence for students to perform at their level best.
3. Suraj Kumar , a CS final year student of JECRC completed his summer internship 2019 at Microsoft, India. A pre -placement offer was also predisposed to him.



# Miscellaneous

## Meeting with Chief Minister

The Senior Leadership of JECRC was invited to meet the Chief Minister. There were discussions on how to increase Rajasthan's employment Index and how JECRC as a leader in Higher Education can come up with new plans to cover schools of Jaipur to prepare future Innovators. He seemed quite impressed with the fact that 35% of the placement offers have been very well received by the female students. "These are the efforts that carry a STATE forward. I extend my appreciation & congratulate JECRC for adding substantial value to our State," said Honourable Chief Minister Shri Ashok Gehlot.



## Robotics Process Automation

JECRC Foundation has become the first educational group in the country to have more than 500 of its students certified in the Robotics Process Automation Essential program. This 15 day training program is the outcome of our collaboration with Automation anywhere, an established name in the field of Robotics Process Automation with offices in more than 35 countries. Together we have also established Rajasthan's first Bot Laboratory at JECRC University. There are only 70 such bot labs all over the world. As a part of our Future Ready initiative more such beyond curriculum technical skills are being imparted to students to amplify their prospects in upcoming recruitment drives.



## BOL 2.0

"Put a voice out there and the world is bound to listen to you." Visioning same Team Atrangi of JECRC Foundation organized an open mic event BOL 2.0 bol ki lab azaad halter. One of the main attractions of the event was RJ Shonali of 94.3MY FM, host of well-known show Youngistaan. RJ Shonali entertained the audience with an interactive session in which she called out certain volunteers on stage and gave each of them a word and they had to speak about that for a minute. The auditorium was filled with joy and everyone including the jury panel had a good time. In a tough war of words and expressions, Mr. Hemant Kumawat was declared as the winner and Mr. Kartik Chandna stood at the runner up position.



## Tape a Tale

Team Atrangi of JECRC Foundation in collaboration with Tape a Tale organized a story telling competition STELLER - 2020 phase-2 on 20th Feb, 2020 in JECRC University. To make the event eminent Amandeep Singh, Kopal Khanna and RJ Kartik were invited as a judge and performed in the event. The auditorium was loaded up with crowd and everybody including made some great memories.



## SAKSHAM 2020 at JECRC

JECRC, Ministry of Petroleum and Natural Gas, GAIL and PCRA organized an awareness program called SAKSHAM 2020 at the JECRC campus. Debates and activities like GD were organized on the subject of fuel conservation. Shri Deepak Gupta (Dy Director PCRA, Rajasthan), Shri P.K. Dey (GM) and Shri Pankaj K. Srivastava (Dy GM), GAIL were the honored dignitaries of the event. Dr. Vinay Chandna, Principal, JECRC, Dr. M. P. Singh, HOD, Mechanical Department and Doctors. Sandeep Vyas, HOD, Department of Electronics and Communication, addressed the gathering on various environmental protection initiatives of JECRC. The dignitaries greatly appreciated the efforts of JECRC and introduced the audience to various government schemes in this direction. He also presented attractive prizes to the winners of debates and GD competitions. The program ended with Vote of Thanks by Dr. Fauzia Siddiqui.



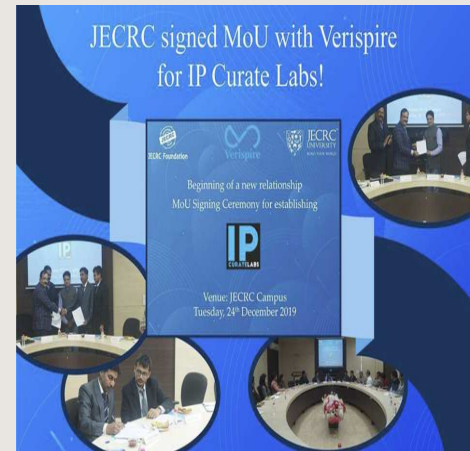
## LAUNCH EVENT AT JECRC

A launch event was organized for 4 Fox, a startup of JECRC, organized by the Rural Technology Business Incubator (RTBI). 4 Fox launched its official logo and revealed that it has generated revenue of over one million in the last year. Mr. Arpit Agarwal, Director JECRC announced that JECRC has been selected by MSME, Govt. of India for a grant of INR 2 Crore. He encouraged the students to build their own start-ups and contribute to the Make in India movement. Experts in the fields of Robotics and Embedded Systems, Augmented and Virtual Reality, PLC and SCADA and Rapid Prototyping were also invited to address the gathering. A cleanliness program was also launched by Soch & Fruitful JECRC with the mission of plastic free campus in 1000 days.



## IP CURATE Lab

JECRC Foundation signed a MoU with Verispire Tech, Noida, to establish "IP Curate Labs" Adding to the long list of prestigious associations, here is yet another one which will mark the setup of IP Curate Labs in both JECRC College and JECRC University, The MoU signing ceremony took place at JECRC College under the auspicious presence of Shri Arpit Agrawal, Director JECRC, and dignitaries and was witnessed by the core faculty group along with Principal of JECRC College, Dr. Vinay Chandna and Registrar of JECRC University, Shri Sohan Agrawal. This was coordinated by Mr Manish Jain, Mrs Shruti Kalra, and Mr Mukesh Agarwal. This will help bringing in evolutionary changes for students. The establishment of these labs will simplify the process of filing patents for both students and faculty members. Various workshops will promote the ecosystem of copyrights and patents, helping JECRCians go a long way, without having to do it the hard way!



## Internshala

SOME PEOPLE DREAM OF SUCCESS WHILE OTHERS GET UP EVERY MORNING TO MAKE IT HAPPEN. ENTREPRENEURSHIP ISN'T ABOUT Luck, IT'S ABOUT VISION.

Taking a lead in this field, JECRC College received the "NOTABLE MENTION AWARD - RAJASTHAN" amidst the celebration of The Internship Day 2019. Organized by AICTE in association with Internshala, massive participation of 2800 colleges was witnessed. It was a moment of pride for JECRCians to be awarded this prestigious prize by Dr Anil Saahasrabudhe, Chairman-AICTE, Dr. MP Poonia, Vice Chairman, AICTE, Dr. Neetu Bhagat, Director of AICTE, Prof. Rajeev Kumar, Adviser I Policy and Academic Planning Bureau AICTE. Mr Sarvesh (Founder and CEO, In-



## EXTERNAL DIAGNOSTIC PANEL

An external diagnostic panel for seed support evaluation for StartUps enrolled under the ongoing acceleration program at the JECRC Foundation was held on 18 January 2020 at JECRC. The organisation has committed an initial funding of Rs. 50,000/ along with co-working space to each selected startup. The panel consisted of Sh. Abhishek Soni, Co-Founder, Tax 2Win & Sh. Sharad Bansal, CEO, Tinkerly along with Sh. Arpit Agrawal, Vice-Chairman, Sh. Dheemant Agrawal, Director, Digital Strategies and Mr. Dilnawaz Khan, Incubation Advisor at JECRC.



# NASA SPACE APP

JECRC has always strived to inculcate and enrich the entrepreneurial environment in campus and country at large by creating an easily accessible and exhaustive set of resources for entrepreneurs, including students with quality brains, budding professionals, mentors and Angel investors and venture capitalists through various educational sessions like startup meets, competition talks and so on. To fulfill the same, NASA SPACE APPS challenge was organized by JECRC foundation.

THE NASA SPACE APPS challenge is a global collaboration platform conducted across 250 cities around the world. The space apps challenge brings together ideas from students, designers, startups, working professionals, research scholars and domain experts on common platform. The pre-hackathon was conducted at the JECRC foundation, Jaipur where 37 teams from all over Rajasthan coded and competed and selected teams were invited to New Delhi for the final 48 hours hackathon where NASA will give specific challenges to be solved. Three teams of JECRC were selected to represent their intellectual and ingenious ideas in National Level hackathon at New Delhi.



# NEW YEAR CELEBRATION

Each New Year offers an exciting opportunity for a fresh start and new beginnings, which is probably why we all look forward to New Year so much. To make a fresh start,

JECRC started its journey with lots of laughter, songs of smiles, games for fun and a rollercoaster of memories. All respected dignitaries, faculty members and staff members shared a strangling time with Mr. Amit Agarwal and Mr. Arpit Agarwal, Director JECRC Foundation.

From head of departments to technical staff, and from faculties to the caretakers of campus, all were filled with immense joy as they bade adieu to the past year and welcomed 2020 with open arms.

With a wide range of sports and fun activities and inspiring participation of Amit Sir and Arpit Sir, JECRC was thrilled to join them in the entire fraternity celebration. Any ounce of doubt about the auspiciousness of the upcoming year was dispelled with the

Inspiring prosence of JECRC directors who urged employees to maintain this energy

Throughout the year. The grand celebration nurtured the drive for success and perfection among all.



# AU Marathon

**JAIPUR CREATED HISTORY!**

ROTARY CLUB JAIPUR CITIZENS made it to the "Guinness Book of World Records" for "most race contestants wearing T-shirts", with JECRC Foundation students and colleagues leading the largest contingent to contribute to record-making.

**Curtain raiser:**

As an organization carrying out its responsibility towards the idea of a clean and healthy Jaipur, JECRC prides itself on being a partner of the AU Jaipur Marathon. As a curtain raiser fun and fitness activity were held at the campus where RJ Anirudh and Mr. Shahrukh of Fusion Dance Group kept JECRCians on their toes as the student showed their way to fitness.



# Gandhi Jayanti

Department of Computer Science and Engineering at JECRC Foundation celebrated 150th birth anniversary of father of the nation Shri Mohandas Karamchand Gandhi along with the birth anniversary of the late prime minister Shri Lal Bahadur Shastri. On this occasion various programs were organized by the department.

**Extempore by Students:**

Students were assigned 5 minutes to present their views on Gandhi Ji's vision. The program was a blend of various activities, thoughts and messages of father of the nation. The program was headed by Ms. Anima Sharma and Ms. Richa Sharma. Students also talked about the contribution of both the leaders in reference to freedom moment and fighting. Students were assigned 5 minutes to present their views on the same and program was headed by Ms. Girija Lawania and Dr Sanjay Gaur. Students were apprised with consolation prize on the right answer and faculty members also participated in the activities. The program was hosted by Ms. Arundhati Sharma (5th Semester) and headed by Ashish Ameria and Dr Vijeta Kumawat. To give pace to the "Swachh Bharat Abhiyan" headed in memory of Gandhiji various cleanliness activities and drives were organised in which faculties and students participated enthusiastically. Shri Arpit Agarwal - Director JECRC, Dr VK Chandna - Principal JECRC along with other dignitaries inspired the students to follow Gandhian philosophies of life.



# DEGREE DISTRIBUTION

There is a powerful driving force inside every human being that, once unleashed, can make any vision, dream, or desire a reality. "Struggling for the same, students of JECRC finally stepped on the road of success, destined to a fortunate future.

To felicitate this students, on 19th August 2019 Degree Distribution ceremony was organized by Department of CSE for pass out students of batch 2018. Event bestowed the members of JECRC with immense happiness and filled their heart with a feeling of pride.

JECRC wishes its students to achieve greater heights of success in future.

HOD distributed degrees and wishes students.

Best of luck!





# Faculty Members



**Dr. Sanjay Gour**  
(H.O.D)



**Dr Nilam Choudhary**  
(Associate Professor)



**Dr Nilam Choudhary**  
(Associate Professor)



**Mr Amit Mithal**



**Mr Abhishek Dixit**



**Ms Manju Vyas**



**Mr Kanishk Jain**



**Mr Ashish Ameria**



**Mr Rajan Jha**



**Mr Sachin Gupta**



**Mr Anoop Mehta**



**Ms Anima  
Sharma**



**Ms Richa  
Sharma**



**Ms Priyanka  
Mitra**



**Ms Uma  
Maheswari**



**Ms Geerija  
Lavania**



**Mr Abhishek  
Jain**



**Mr Pradeep  
Kumar Sharma**



**Ms Tanya  
Shruti**



**Ms Suniti  
Chouhan**



**Ms Garima  
Garg**



**Ms Sweety  
Singhal**



**Ms Neha  
Solanki**

# Behind Scoop



**Dr. Sanjay Gour**  
(Advisor)



**Dr Nilam Choudhary**  
(Technical Advisor)



**Ms Geerija Lavania**  
(Editor in Chief)



**Dhruv Kumar Meena**  
(Designer)



**Rohit Kasumbiwal**  
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**Aarushi Vashistha**  
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**Aksha Varghese**  
(Content Writer)