



E-MECHZINE



EIGHTH ISSUE JAN-JUN 2020

Colloquium



Pathmaker League



Juke Box



Promulgation





JAN-JUN 2020

MESSAGE

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

We are here once again to welcome the readers to our "E-MECHZINE. This is going to be a one step information guide on what's happening in our college & lots more!!!!!!

Well for unleashing a person's creativity a proper medium is prerequisite, the quintessence of which is nicely imprinted. In E-MECHZINE students can expose their literary & artistic talents, Each issue of our magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine.

Students have shown their talents through the section called "JUKE BOX" where we have the mixture of jokes, poems, paintings etc and we will be taking a dive into the technical happenings around the world through our articles on Innovations, Noble prize winners and great personalities which we are sure will keep you motivated!!!

We are very thankful to all Faculties & Students for their contributions in making this E-MECHZINE a grand success. So sit back and enjoy browsing through the "E-MECHZINE". Happy Reading Folks!!!!!!

---The Editorial Board



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❖ **Faculty Profile**

OPINE- "A Pearl from Torchbearer"



Mr. Arpit Agrawal
Director

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

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

We at JECRC continuously strive hard to reach the benchmark through latest teaching tools, world class training modules, exploration of new research avenues to meet with ever changing corporate and education scenario. One such feather added to the crown was the launch of "E-MECHZINE" by Mechanical Engineering department.

All the students and faculties have perfectly groomed this magazine which clearly depicts confidence, creativity and innovation of our gems. "E-MECHZINE" is a milestone that marks our growth, unfolds imagination and gives life to our thoughts and aspirations. Mechanical Engineering department has done a cherished work that had its roots in the persuasion. This communication will also establish a tread of acquaintance with our alumni who are doing wonders across the world and raising the flag of JECRC higher and higher, for which JECRC owes a lot to them.

Aristotle once said "Educating the mind without educating the heart is no education at all". We endeavour constantly to instil different qualities in our students. We feel proud that our students are growing into sensitive and responsible citizens of future.

I am overwhelmed by the team of hard working staff and learned faculty who have made me proud by creating such a masterpiece in the form of this magazine. I once again congratulate the entire team for their hard work and dedication.

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



JAN-JUN 2020

OPINE- "A Pearl from Torchbearer"



Dr. V.K Chandna
Principal

JECRC stands tall on the foundation of its excellent Vision and Mission being continuously achieved by its committed and deeply knowledgeable faculty, innovative and unique pedagogical tools and an eclectic and diverse student community that has a burning desire to make new paths of its own. There is no longer a single pathway to that end but whatever paths our students choose must be filled with efforts, dedication, relevance & relationships.

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

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

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

I congratulate the Editorial team for their endless & sincere efforts in bringing out the publication & wish all the readers an enriched journey through the pages of "E-MECHZINE". Happy Reading!



JAN-JUN 2020

OPINE- "A Pearl from Torchbearer"



Dr. M.P Singh
HoD, Mechanical

It gives me immense pleasure to lead the department of Mechanical Engineering. Our college is one of the premier institutions, unique like a prism reflecting the manifold shades of learning and co-curricular activities. JECRC is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence.

With our Eighth Issue of E-MECHZINE we put forward a distinctive blend of offerings in the areas of engineering & technology in the form of different activities throughout the year.

The very motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. Mechanical Engineering is an essence of today's world. We are committed of providing not only the technical education to our students but also the leadership qualities through which they can create employment to others. The education therefore, must catch up with these developments well in time so that Graduating students do not face the problem of obsolescence.

Our team in the department at JECRC focuses on holistic development of the students by a combination of both curricular and extra-curricular activities. We believe that to develop a tender mind we need to go beyond class room teaching to make the students industry ready and for that we never hesitate to go beyond the syllabus.

I congratulate the Editorial Board for their tireless efforts in bringing out this publication. I also extend my sincere thanks to the persons who have contributed to this issue and enhanced its perfection & beautification through articles, poems, inspiring stories etc.

I wish all the Students and Faculty a great academic career.



VISSION AND MISSION OF COLLEGE

VISSION OF COLLEGE

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

MISSION OF COLLEGE

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

VISSION AND MISSION OF MECHANICAL DEPTT.

VISSION OF DEPARTMENT

•The Mechanical Engineering Department strives to be recognized globally for outcome based technical knowledge and to produce quality human resource, who can manage the advance technologies and contribute to society.

MISSION OF DEPARTMENT

- To impart quality technical knowledge to the learners to make them globally competitive mechanical engineers.
- To provide the learners ethical guidelines along with excellent academic environment for a long productive career.
- To promote industry-institute relationship.



PROGRAM OUTCOMES

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



JAN-JUN 2020

PROGRAM EDUCATIONAL OBJECTIVES

- To provide students with the fundamentals of Engineering Sciences with more emphasis in Mechanical Engineering by way of analyzing and exploiting engineering challenges.
- 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.
- 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.
- 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.
- To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge.

PSO-PROGRAM SPECIFIC OBJECTIVES

- PSO1.** Apply the knowledge of material science, manufacturing, design and analysis to design Go-Kart and ATV (All Train Vehicles).
- PSO2.** Apply the knowledge of mechanical engineering and advance software to create 3D models, assembly, design and simulation.



JAN-JUN 2020

A decorative banner of colorful triangular flags (yellow, red, white) hangs across the top. The letters 'W', 'E', 'L', 'C', 'O', 'M', 'E' are printed on the flags in a light blue color.

PROMULGATION

A stylized, semi-transparent illustration of a diverse crowd of people in various poses, serving as a background for the central text.

*“A
RHYTHM
OF
EVENTS”*



JAN-JUN 2020

STUDENT ACHIEVEMENTS

SEMESTER TOPPERS

<u>SEMESTER</u>	<u>SHIFT</u>	<u>NAME</u>	<u>%</u>
V th	Ist	DEEYA SHARMA	93.5
	IIInd	SURAJ SING RAJPUT	89.1
VIIt h	Ist	SHYAM PRATP SINGH RATHORE	83.1
	IIInd	BHARAT SINGHAL	79.3

4FOX STARTUP BY JECRC



Organised by Rural Technology Business Incubator (RTBI), a launch event was held for 4Fox, a startup of JECRC. 4Fox launched its official logo and disclosed that it has generated a revenue of more than one million in last year. In the event Shri. Arpit Agrawal, Director JECRC announced that JECRC has been selected for a grant of INR 2 Crores by MSME, Govt. of India. He encouraged the students to build their own start-ups and contribute to the Make in India movement. Experts from the fields of Robotics and Embedded Systems, Augmented and Virtual Reality, PLC and SCADA, and Rapid Prototyping using 3D were also invited to address the gathering. A cleanliness program with the mission of Plastic Free Campus in 1000 days was also launched by Soch & Fruitfull JECRC.

MOONRIDERS, JECRC @ NATRAX PITHAMPUR



Team Moonriders participated in SAEBAJA Event 2020 at NATRAX Pithampur

SAVE THE SAVIOURS By JECRC

JECRC UNIVERSITY
BUILT YOUR WORLD

JECRC
FOUNDATION

FACE SHIELD
FOR FRONTLINE DOCTORS

- Easy Assembly
- Disposable Shield
- 3D Printing

#SAVE THE SAVIOURS
200 Face Shields Delivered to SMS Hospital, Jaipur

Designed & Developed by:
Team MakerSpace and Innovation Lab
JECRC University, Rajasthan

According to the Guidelines of

JECRC launches [Save The Saviours](#) Initiative. JECRC Makerspace, the innovation cell at JECRC has developed a 3D printed face shield compliant with the guidelines of WHO & ICMR which will help our doctors, paramedics & sanitation 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 reflect JECRC's commitment, as a top technology institute in the nation's hour of need



Ashok Gehlot @ashokgehlot51 · 2h

Our universities & bright students are innovating to help fight #corona, which is heartening. JECRC University's innovation cell has created face shields for protection of doctors & medical staff. My compliments to the team for the same.

#COVID19Pandemic
#राजस्थान_सतर्क_है

जेडसीआरसी यूनिवर्सिटी में किया गया तैयार

कोरोना से बचाव को चिकित्साकर्मियों के लिए फेस शील्ड तैयार

पत्रिका न्यूज़ नेटवर्क
patrika.com

जयपुर, कोरोना मरीजों के उपचार में चिकित्साकर्मियों की सुरक्षा का ध्यान रखते हुए जेडसीआरसी यूनिवर्सिटी के इन्वोल्वेशन सेल ने डॉक्टर और मेडिकल स्टाफ के लिए फेस शील्ड बनाया है। जेडसीआरसी यूनिवर्सिटी के वाइस चैयरपर्सन



जेडसीआरसी यूनिवर्सिटी के इन्वोल्वेशन सेल के थ्रीडी प्रिंटरों और लेजर

34

114

679



जेडसीआरसी यूनिवर्सिटी में किया गया तैयार

कोरोना से बचाव को चिकित्साकर्मियों के लिए फेस शील्ड तैयार

पत्रिका न्यूज़ नेटवर्क

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जेडसीआरसी यूनिवर्सिटी के इन्वोल्वेशन सेल के थ्रीडी प्रिंटरों और लेजर कटर का उपयोग कर बनाया फेस शील्ड।

डॉक्टर जीवन ही नहीं बचा रहे, नवाचार भी कर रहे: गहलोत

जयपुर @ पत्रिका, यूजर्स की असीमित मदद से सबसे महत्वपूर्ण नवाचार बनने से संभव है कि जेडसीआरसी के डॉक्टरों की टीम की ओर से कम लागत का पीस किट बनाए जाने के नवाचार की सराहना की है। यूजर्स की मदद से डॉक्टर कटर बनाया गया है। डॉक्टर न केवल जीवन बचा रहे हैं, बल्कि नवाचार के साथ चिकित्साकर्मियों को सुरक्षा का साथ देकर काम करने का काम भी कर रहे हैं।

ashokgehlot.inc · Following

ashokgehlot.inc · Our universities & bright students are innovating to help fight #corona, which is heartening. JECRC University's innovation cell has created face shields for protection of doctors & medical staff. My compliments to the team for the same. #COVID19Pandemic #राजस्थान_सतर्क_है

jodhpuri__chorii_66 · 2h · 1 like · Reply

jodhpuri__chorii_66 Nice sir

Liked by silent hug, by words and 3,920 others

2 HOURS AGO

Add a comment...

Ashok Gehlot · 3 hrs · 2.5K · 300 Comments · 156 Shares

Our universities & bright students are innovating to help fight #corona, which is heartening. JECRC University's innovation cell has created face shields for protection of doctors & medical staff. My compliments to the team for the same. #COVID19Pandemic #राजस्थान_सतर्क_है

Like Comment Share

Most Relevant

Jagdish Prasad EXCELLENT TEAMS OF RAJASTHAN DOCTORS. EXCELLENT EFFORT AND EXCELLENT WORK FOR PEOPLE'S WELFARE. JAI HIND

Sohan Agrawal Timely excellent innovation for helping the Corona Warriors. Hearty congratulations to Team JECRC University's Makeinnow. Keep it up

Write a comment...

जेडसीआरसी यूनिवर्सिटी में किया गया तैयार

कोरोना से बचाव को चिकित्साकर्मियों के लिए फेस शील्ड तैयार

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FACULTY ACHIEVEMENTS

FICR-TEAS 2020@IIS UNIVERSITY JAIPUR

Dr. M.P Sing HOD ME Department attended International Conference @ IIS Jaipur along with Heads of other Department. This conference was scheduled from 17-18 January on the topic Rising threats in expert applications & solutions. This conference was organized in collaboration with Springer.





Faculty Publications & Achievements

- Dr Mahendra Pratap Singh attended Digital Manufacturing & Design on COURSERA, by University at Buffalo and The State University of New York.
- Dr Mahendra Pratap Singh attended Advanced Manufacturing Enterprise on COURSERA, by University at Buffalo and The State University of New York.
- Dr Mahendra Pratap Singh attended Work Smarter, Not Harder: Time Management for Personal & Professional Productivity on COURSERA, by University of California, Irvine.
- Dr Mahendra Pratap Singh attended Intelligent Machining on COURSERA, by University at Buffalo and The State University of New York.
- Dr Mahendra Pratap Singh attended Advanced Manufacturing Process Analysis on COURSERA, by University at Buffalo and The State University of New York.
- Dr Fauzia Siddiqui attended AI FOR Everyone on COURSERA, authorized by deeplearning.
- Dr Fauzia Siddiqui attended Fundamentals of Graphic Design by COURSERA, authorized by California Institute of the Arts .
- Dr Fauzia Siddiqui attended Introduction to Economic Theories by COURSERA, by Erasmus University Rotterdam .
- Dr Fauzia Siddiqui Work Smarter, Not Harder: Time Management for Personal & Professional Productivity by COURSERA, by University of California, Irvine .
- Mr Yogesh Dubey attended Materials Science: 10 Things Every Engineer should know by COURSERA, by University of California, Davis.
- Mr Yogesh Dubey attended Advanced Manufacturing Enterprise COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Digital Manufacturing & Design COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Advanced Manufacturing Enterprise COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Advanced Manufacturing Process Analysis COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Intelligent Machining COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Roadmap to Success in Digital Manufacturing & Design COURSERA, by University at Buffalo and The State University of New York .
- Dr Man Mohan Siddh attended Digital Thread: Implementation COURSERA, by University at Buffalo and The State University of New York .



- Mr Satyendra Kumar attended Basics of Finite Element Analysis-I by NPTEL .
- Mr Shrikant Bansal attended Materials Science: 10 Things Every Engineer should know by COURSERA,by University of California, Davis.
- Mr Shrikant Bansal attended Materials Science: 10 Things Every Engineer should know by COURSERA,by Georgia Institute of Technology .
- Dr. M.P Singh published his research paper entitled "Performance obstacles in sustainable manufacturing - model building and validations" in Journal of advances in Management research, EMERALD Publishing .
- Dr. M.P Singh published his research paper entitled "Identification of Drivers and barriers of sustainable manufacturing :Optimization Methods in Engineering" in Lecture Notes on Multidisciplinary Industrial Engineering. Springer, Singapore .
- Dr. M.P Singh published his research paper entitled "An ISM Approach to Performance Indicators of sustainable Manufacturing through MICMAC analysis in Indian Manufacturing Industry:Optimization Methods in Engineering g" in Lecture Notes on Multidisciplinary Industrial Engineering. Springer, Singapore .
- Dr. M.P Singh published his research paper entitled "Ranking of Drivers of Sustainable Manufacturing" in International Journal of Recent Technology and Engineering, Elsevier .
- Dr. M.P Singh published his research paper entitled "Noise reduction of deep groove ball bearing (6205) by process optimization-An Experimental "in International Journal of Engineering and Advanced technology , Elsevier .
- Dr. Bhuvnesh Bhardwaj published his research paper entitled "Effect of Tool Rotation of Surface Roughness During Electro Discharge Machining of Hastelloy C-276 in Manufacturing Engineering, Lecture notes on Multidisciplinary Industrial Engineering, Springer.
- Dr. Bhuvnesh Bhardwaj published his research paper entitled "Air Erosion Behavior of SiC -Filled Carbon Fiber -Epoxy Composites " in Manufacturing Engineering, Lecture notes on Multidisciplinary Industrial Engineering, Springer.
- Dr. Bhuvnesh Bhardwaj published his research paper entitled "Investigation of Mechanical Properties in Silicon Carbide Fiber Composite " in Manufacturing Engineering, Lecture notes on Multidisciplinary Industrial Engineering, Springer.
- Mr. Rohit Goyal published his research paper entitled "Fast Responsive Soft Bio mimetic robotic Actuator " in Materials Today Proceedings,Elsevier .

Activities at a Glance

NEW YEAR CELEBRATIONS 2020@JECRC

Stories to write, Stories which harmoniously will sing the chorus of our life. To begin the new one, JECRC started its journey with lots of laughter, songs of smiles, games for fun and a rollercoaster of memories. All the respected dignitaries, faculty members and staff members participated zealously and ardently to pen down a beautiful start of their stories.

The beginning of 2020 was certainly one of the momentous memory of JECRC Family. .

There is no greater sense of achievement than celebrating a successful year with one's mentor and guide. JECRC staff members shared a gala time with Shri Amit Agarwal and Shri Arpit Agarwal, Directors-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 games and fun activities which witnessed inspiring participation of Amit Sir and Arpit Sir, the entire fraternity of JECRC was thrilled to be joined by them in the celebrations. Any ounce of doubt about the upcoming year's auspiciousness was removed with the motivating presence of JECRC Directors who urged the staff to maintain this energy throughout the year. The grand festivity nurtured the drive for success and fulfilment among all. We thank Amit Sir and Arpit Sir to stir the joy and pool the JECRC campus with delight and we wish everyone a very Happy New Year!





SEED SUPPORT EVALUATION @ JECRC



External Diagnostic Panel Seed Support Evaluation

18th January 2020

#E-Cell@JECRC

Venue - JECRC



External Diagnostic Panel Seed Support Evaluation

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Venue - JECRC



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#E-Cell@JECRC

Venue - JECRC



External Diagnostic Panel Seed Support Evaluation

18th January 2020

#E-Cell@JECRC

Venue - JECRC

An External Diagnostic Panel for Seed Support Evaluation to StartUps enrolled under the Acceleration Program running at JECRC Foundation was conducted at JECRC today. 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, Tax2Win & Sh. Sharad Bansal, CEO, Tinkerly along with Sh. Arpit Agarwal, Vice-Chairman, Sh. Dheemant Agrawal, Director, Digital Strategies and Mr. Dilhawaz Khan, Incubation Advisor at JECRC

CURTAIN RAISER-AU MARATHON

As an organization that shoulders its responsibility towards the idea of a clean & healthy Jaipur, we are proud to be a partner of AU Jaipur Marathon. As a curtain raiser to the marathon, a fun & fitness activity was conducted today in the campus wherein RJ Anirudh & Mr. Shahrukh from Fusion Dance Group kept JECRCians on their toes as students danced their way to fitness. JECRC Foundation is committed to mark its powerful presence in the marathon on 02.02.2020



SAKSHAM 2020 @ JECRC



JECRC, Ministry of Petroleum And Natural Gas, GAIL and PCRA organised an awareness event named SAKSHAM 2020 at the JECRC campus. Activities like debates and GDs were conducted on the topic 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 Dept. & Dr. Sandeep Vyas, HoD, Electronics & Communication Dept. addressed the gathering on the various environment preservation initiatives of JECRC.

The topic of GD was "Conserve Fuel Save Future". Activities like debates and group discussion enhance the communication skills and implant leadership quality in the students. Dr. Manish Shrivastava (SDO) motivated the students by his words of wisdom. He also appreciated the initiative taken by the Jecrc students of various departments.

The Event was judged by Ms. Yogita Ma'am (EC Deptt), Ms. Preeti Ma'am (ME Deptt)

The dignitaries hugely appreciated the efforts of JECRC and introduced the audience to various government schemes in this direction. They also presented the winners of the debate & GD competitions with attractive prizes. The event ended with vote of thanks by Dr. Fauzia Siddiqui.



AU MARATHON

JAIPUR CREATED HISTORY!!!

ROTARY CLUB JAIPUR CITIZENS has made it to the Guinness Book of World Records for "The most race competitors wearing the same T-shirt" JECRC Foundation Students and Colleagues led the largest contingent to have contributed in the record making.







JAN-JUN 2020

COLLOQUIM



ICT BASED SHORT TERM COURSE @ JECRC M.E DEPTT

An ICT based short term course on "Internet of things in Manufacturing" was organized by Department of Mechanical Engineering JECRC, in association with NITTTR Chandigarh. The course was conducted from 6th Jan - 10th Jan. Internet of Things (IoT) is a way to digital transformation in manufacturing. It employs a network of sensors to collect critical production data and uses cloud software to turn this data into valuable insights about the efficiency of the manufacturing operations.

This program was beneficial from the aspects of teachers as well as the knowledge gained will be very helpful for making students Industry ready.







BSDU JAIPUR VISIT BY M.E DEPTT

An industrial visit to Bhartiya Skill Development University(BSDU),Ajmer road, Jaipur(Raj.) was organised by the dept. of Mechanical Engineering JECRC Foundation on Saturday 18th January 2020. Approx.35 Mechanical Engineering (6th sem.) section-A students and two faculties visited to BSDU to understand the skill of mechanical machining and understanding of CNC machines.

In the morning nearly at 10:15am we reached the university by college bus. At the university swiss national and faculty member Mr. Daniel Egli (Project Manager, school of manufacturing skills) explained us about the difference between swiss and Indian way of education. And also he explained about various courses that are conducted in university for improving the skills. He also gives the information that what industry need in current time. After that some questions were asked to him and he explained the majority answers. Then we forwarded to visit for shop floors we were divided into four groups with one trainer to each group for four different shop floors namely machine operation are milling, turning, computerized numerical control, hand skill. Four groups turn by turn visited to different shop floor with their trainer who gives the detailed information about the operations.

Firstly we visited to lathe i.e. turning section where they get the information about the drawing and numerical control lathe and also get to know that how to see micrometre reading and also done a facing operation to see how an NC lathe works at some rpm. Then we visit to milling section where the trainer explains about multi point cutting tool and different materials that are used in it and the operations that are performed on it. After that we moved to CNC section where trainer explains that full automation is achieved and he also tells about the different G codes and M codes which are used in the CNC machine to do the operation, after that we moved to hand skill section where tool holding and other skill were explained by the trainer. All the section were highly advanced and developed to make student skilful. And also we visit to the carpentry section and other working area of the university. After that trainer with their head told about their 6 months program of skill training after graduation for the students. After that faculty with all the students had click photos in the university.

Finally, we left the premises at 2:30 pm. It was an informative, interesting and a successful visit. As student of Mechanical Engineering, they understand that how NC lathe, milling and CNC machines works and the different operations and programs can be performed on it. And also get to know about different shop floors.





JAN-JUN 2020

JECRC HACKATHON 4.0

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.

As the competitive coding began the temperatures rose as each team puts its nerdiest brains and smartest wit into finding the best solution to their problem statement. The atmosphere is electrified with the energy of young minds as they code their way to glory.

JECRC Hackathon 4.0, it's not all work and no play. To refresh the participants and give them respite from unrelenting tasks, fun midnight activities were organized. These included bonfire which recharged and fueled the participants and prepared them for the upcoming judging 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. Expressing their idea and innovation to the esteemed panel of judges, every team has their fingers crossed. Judges went through each team's unique virtue and graded them on all parameters of working and usability.

A huge shout out to the winning teams of JECRC Hackathon 4.0. These 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. Good Luck to them.

A great start and an even bigger end. Valedictory ceremony of JECRC Hackathon 4.0 concluded in an atmosphere reverberating with applause & energy as the winning teams took away their prizes & the organisers were thanked. The event had Global Head, Resource Management, Newgen Software, Sh. Narendra Singh Chandel, Manish Sharma, Senior Technology Architect, Infosys, Peeyush Mahrishi, Principal Consultant, Infosys & Deepanshu Soni, Salesforce Consultant, Wipro as the Chief Guests. The event ended with vote of thanks by Mr. Mukesh Agrawal.



JAN-JUN 2020



JECRC HACKATHON 4.0 Inauguration

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC



JECRC HACKATHON 4.0 Inauguration

17th - 18th January 2020

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Venue - JECRC



JECRC HACKATHON 4.0 Competitive Coding

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC



JECRC HACKATHON 4.0 Power Judging

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC



JECRC HACKATHON 4.0 Valedictory

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC



JECRC HACKATHON 4.0 Power Judging

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC



JECRC HACKATHON 4.0 Valedictory

17th - 18th January 2020

#Innovation@JECRC

Venue - JECRC

QUEST LECTURE BY CADEMATE @JECRC M.E DEPTT



A guest lecture on CAD course was organised by the department of mechanical engineering JECRC Foundation on 23rd Jan 2020. It was conducted by the members of CADEMATE Training and Technical Services (opc) Pvt.Ltd.

The guest lecture was of around 2 hours which was started at 1:00pm, the lecture was lead by the founder and director of the CADEMATE, Mr. Ravi Kumar Swami. The founder also had a support of two other faculty staff. It was a great experience to go through the introduction of SOLIDWORKS by Ravi Sir. The introduction includes the designing of parts and thereafter assembling it in the software, to bring up a complete mechanical element. The environment also takes us to the introduction of ANSYS by the other faculty member. The introduction goes through the analysis of designed truck which was designed in SOLIDWORKS. The truck was analysed by applying different environmental factors and on the basis of specifications of truck, which includes aerodynamics, thermal engineering, etc. The session ends up with their motivative thoughts and well wished note. . It was an informative, interesting and a successful guest lecture.

QUEST LECTURE BY CADDESK @ JECRC M.E DEPTT



A guest lecture was arranged for students of 4th and 6thsem students of mechanical engineering by "CADDESK" Jaipur taken by Mr.Girish.

He explained students the Importance of AutoCad, CATIA,Solidworks in the manufacturing industry. Also, he interacted with them about the difference between engineering Drawing and Drafting. He also told students about softwares like DELCAM and APTCAM, NXCAM etc as of analyzing softwares. As design shows total information about the engineering device or unit.

Then he explained about the Quality education of his institute for all the mechanical as well as IT software.

Students were very grateful to CADDESK for this lecture as it helps us to understand the Importance of mechanical software.

QUEST LECTURE BY CADMATE @ JECRC M.E DEPTT



A guest lecture was arranged for students of 4th and 6th sem students of mechanical engineering by "CADMATE" Jaipur on 25th January taken by Mr. Ravi Kumar Swami and Mr. Akshay Malviya.

Mr. Ravi Kumar Swami explained us the Importance of AutoCad, CATIA, Solidworks and Ansys software used in the manufacturing industry. Also, he interacted with students about the difference between engineering Drawing and Drafting and also told us about the difference between parametric tools and non-parametric tools used in AutoCAD and Solidworks. He also told students about softwares like Reverse Engineering and Creo etc. as of analyzing softwares. Then Mr. Akshay Malviya gives demonstration of Solidworks on projector and Mr. Ravi Kumar also told about ANSYS DISCOVERY LIVE which can be used in many mechanical properties like in fluid mechanics, Thermal power plant and in Heat engine etc. As design show us total information about the engineering device or unit.

Then he explained about the Quality education of his institute for all the mechanical software.

INDUSTRIAL VISIT SPX FLOW TECHNOLOGIES BY JECRC M.E DEPTT



An industrial visit to **SPX FLOW TechnologyPrivate Limited, Riico Industrial Area, Mansarover, Jaipur(Raj.)** was organised by the dept. of Mechanical Engineering JECRC Foundation on Thursday 30th January 2020. Approx. 30 Mechanical Engineering (4th sem.) section-A students and two faculties visited to SPX Flow Technology Private Limited to understand the production of Air Filters and testing of Air Filters.

At the SPX FLOW TechnologyPrivate Limited Mr. Ajay Kumar and the HR of company explained about SPX FLOW Technology & told the area of the company is about 4190sq. ft. The direct employees is 36 and indirect employees are 47. It was establish in 1985. This company provides air intake filter & filtration system, Pre fine & HEPA for food & beverage, power generation & distribution, gas & oil production, pharmaceutical&biotechnology, Agriculture and others.SPX FLOW TechnologyPrivate Limited most searched in air filter manufactures categories. This company focus on safety. **Major achievement of this company is that their is no major accident in last 5 years.**



After the presentation Mr. Anil Choudhary (Technical Head, SPX FLOW Technology Private Limited) showed the real time working of industry.

After production area students visited to laboratory of the company where three different- different machines. One of them is HEPA (High Efficiency Particulate Air) machine. It satisfies certain level of efficiency. It is used to testing for 0.3 microns level atoms of air. Second machine was used for testing for 1 or 2 microns level air particles. Another was Mini Pleat machine which is used for a good air filtration in the large buildings. After then we come out from manufacturing zone.

This company use 5S technique which means the all the area and things must be clean and must be placed on their fixed place.

It was an informative, interesting and a successful visit. As student of Mechanical Engineering, they understand that how the production of air filter is done.

QUEST LECTURE @ MECHANICAL DEPT. JECRC

A guest lecture was organized on 12 Feb 2020 by the Mechanical Engineering Department for the students of 6th Sem. An expert Mr. Dwijendra Srivastava from IMS Institute came for the discussion on the management exams entrance.

The lecture started with formal introduction of the CAT, GRE and GMAT exams. Expert told students how to observe the criteria of their interest and job seeking areas.

The expert told students about the difference between interest and money making. He explained the importance of management in future progress.

At last a small question and answer session was followed. It was a worth lecture for all students who are expecting their careers in management areas.

BUSINESS 4.0 WORKSHOP BY TCS @ JECRC



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 many 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 be better 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.



NCFTME 2020 BY M.E DEPT JECRC

The fourth National Conference was organized by Mechanical Department of Jaipur Engineering College & Research Centre, Sitapura on 5-6 March 2020. The theme of this conference was "Futuristic Trends in mechanical engineering".

The conference was attended by academics as well as great personalities working in the industrial sector. Mr. Alok Bhargava (Manager, SPX Jaipur) and Mr. Amish Shah (Human Research Manager, SPX), who attended from SPX FL, Mansarovar, guided the researchers as the Speaker.





The two-day conference was divided into six sessions. A total of 150 papers were received and the committee, under the chairmanship of Dr. MP Singh (Head of Department, Department of Mechanics, JECRC), accepted around 100 papers after review. There were discussions as well as special sessions by our keynote speakers which made the conference interactive & full of knowledge. The Conference was concluded Successfully & Smoothly.



JAN-JUN 2020

PATHMAKER LEAGUE



ALUMINI SESSION BY MR. VAIBHAV KAMALKAKA



An Alumni session was organised by the Department of Mechanical Engineering, JECRC on 16 Feb 2020.

We were privileged to have Mr. Vaibhav Kamalkaka with us. He is one of our alumni who is a pass-out of 2012 batch.

He was placed in Tata Technologies , Bosch and TCS but finally he joined Tata Technologies as GET & eventually worked as a Senior Engineer-CAE (Multibody dynamics) for Jaguar Land Rover & other OEM projects. His work area includes Vehicle dynamics- Ride & Handling Simulation. He shared some of amazing experience of working at TTL.

In 2018 , he joined Honda Cars India Ltd., R&D Division in Greater Noida as Senior Executive-Vehicle Research. He is currently the member of Vehicle Dynamics testing team.

He shared his experience and conducted a wonderful interactive session about the careers in mechanical, automotive industries and how new technologies challenge which have occurred in recent years.

The students interacted with him clarifying their doubts and asking interesting questions.

The session was very informative and engaging where all the students got to learn about the importance of summer training and project.

The students showed their active and energetic involvement and learnt a lot about their career in automotive industries.



ALUMINI SESSION BY MR. HARSH BABEL

A interactive session was organised by the Department of Mechanical Engineering, JECRC for the students.

We were privileged to have Mr. [Harsh Babel](#) with us. He is one of our alumni who is a pass-out of 2010 mechanical batch. Initially, he was employed with Honda , R& D India Pvt Ltd Gurgaon in engineering design department and gained a experience of 2 years. Later, he joined Bharat Seat Ltd which is Tier one supplier for Maruti Suzuki. He was associated with it for 5 years. He is currently working in Daimler India commercial vehicle he is a senior manager in the R&D department .

He conducted a wonderful interactive session about the careers in automotive industries and the changes which have occurred in last some years.

The students interacted with him clarifying their doubts and asking interesting questions.

The session was very informative and engaging where all the students got to learn about the importance of summer training and project.

The students showed their active and energetic involvement and learnt a lot about their career in automotive industries.



ALUMNI QUEST LECTURE @ JECRC M.E DEPT.

Gaurav Dadheech Graduated from JECRC in year of 2014 from Mechanical Stream. He did his post graduation from BITS Pilani with specialization in Design and simulation.

He is founding member of Electric Mobility Team part of Hero Hatch (an incubation centre within Hero MotoCorp). His team is working as a startup within organization.

He is currently leading the Design and Development of recently showcased World's First Class changing vehicle Named "Quark 1" (Product Links are at the bottom of the mail) at Hero MotoCorp. He have filed number of Patents for his Product. His domain expertise is in Electric vehicle Battery Pack, Powertrain, System Architecture, Vehicle engineering, vehicle integration.

He talked about Startup's in The in Automotive world, Electric vehicle scenario in India, what it takes to make an Electric vehicle, Career opportunities in Electric Vehicle domain, what a student can do to get into EVs.

That was a wonderful session considering new challenges occurred in automotive industries as well he told about how you can start your own startup in electric vehicle and how you can make a part of change maker in current scenarios.

Student was very much interactive and session was very much informative.

Students were very thankful to him for giving his precious time to our alma matter





Suhasini : An Initiative To Save The Smile Of Girl Child

In the field of bright future of girls, team Suhasini has left no stone unturned to give it's best. Once again Team suhasini showed that everything can be achieved if desired from whole heart . Team Suhasini celebrated the auspicious occasion of National girl child day in a very special way with the children of Haldighati ,Shri ram ki nangal school and Manav seva trust. Kind words of Mr. O.P Jain sir (Senior Advisor - JECRC) , Prof. Dr. V. K. Chandna sir (Principal - JECRC),Dr. Kamalini Dravid(Program Director - WCD) Mr. Anil Jha (Principal- Badi ka bas school),Mrs.Shweta Chaudhary (PET- Shri ram ki nangal school) on Women Empowerment made our day even more special and unforgettable one with the Astronomy Presentation by Mr. Harshul Gupta and Story telling by Tickling Tales. At last the event was summed up with momento distribution.



FELICITATION DAY-AASHAYEIN

The day of gratitude, that's what we call the Felicitation Day of the Super Heroes/Sheroes of Aashayein as we get together to honour these brave hearts who have over the span of last one year changed the fortunes of many families by giving their members the gift of life. This very special event was graced by the auspicious presence of Hon'ble Chairman, JECRC Foundation, Sh. O. P. Agrawal, Shri. Ravi Kalra, Founder, The Earth Saviours Foundation and Mr. Sharad Vivek Sagar, CEO & Founder, Dexterity Global. The dignitaries appreciated this noble effort of the students of JECRC and thanked them for being vigilant about their social responsibilities. Felicitation Day of Team Aashayein also witnessed members of the beneficiary families sharing their experiences. The students who donated blood platelets in the last one year were decorated with a memento. This year also witnessed a steep hike in the number of female blood donors and the same were graced by a certificate of appreciation. We thank Team Aashayein for their wonderful contribution to the society.

रक्तदाताओं का किया सम्मान



पत्रिका PLUS रिपोर्टर

जयपुर ♦ सीतापुरा स्थित जे. ई. सी. आर. सी. फाउंडेशन में संचालित समूह आशाएं-द-लाइफ सेवियर्स की ओर से रक्त एवं एस. डी. पी. दाताओं को सम्मानित करने के लिए रक्त दान सम्मान समारोह का आयोजन किया गया। कार्यक्रम के मुख्य अतिथि डेक्सटैरिटी ग्लोबल के संस्थापक और सीईओ विवेक सागर और द अर्थ

सेवियर्स फाउंडेशन के संस्थापक रवि कालरा थे। इस दौरान रक्त दाताओं को मोमेंटो देकर सम्मानित किया गया। इस अवसर पर जेईसीआरसी फाउंडेशन के चेयरमैन ओ.पी. अग्रवाल, कॉलेज के निदेशक अर्पित अग्रवाल उपस्थित थे। प्रिंसिपल वी.के. चंदना ने दानदाताओं की निस्वार्थ दान और उत्साह के लिए प्रशंसा की। आशाएं के अध्यापक प्रबंधक कुलदीप शर्मा ने आभार प्रकट किया।

रक्तदाता का किया सम्मान



जयपुर। जेईसीआरसी फाउंडेशन, सीतापुरा में संचालित समूह आशाएं द लाइफ सेवियर्स की ओर से रक्त एवं एसडीपी दाताओं को सम्मानित करने के लिए समारोह आयोजित किया गया, इसमें मुख्य अतिथि डेक्सटैरिटी ग्लोबल के संस्थापक सीईओ विवेक सागर और द अर्थ सेवियर्स फाउंडेशन के संस्थापक चेयरमैन रवि कालरा ने कहा कि इस तरह के कार्यक्रम से अन्य संस्थाओं को भी प्रेरणा लेनी चाहिए। जेईसीआरसी चेयरमैन ओपी अग्रवाल और निदेशक अर्पित अग्रवाल ने छात्रों का मनोबल बढ़ाया। जेईसीआरसी ने सेवियर्स की स्थापना 2013 में की, जिससे अब तक डेगू, थैलेसीमिया और अन्य संबंधित बीमारियों से पीड़ित रोगियों की मदद की तथा 1300 लोगों की जान बचाई। साथ रक्तदान शिविरों में 16677 यूनिट रक्त एकत्र किया। कार्यक्रम में रक्तदाताओं को मोमेंटो देकर सम्मानित किया।



रकदाता सम्मान सामारोह का आयोजन, जेसीआरसी फाउंडेशन की ओर से एक कार्यक्रम, कार्यक्रम में 20 से ज्यादा लाभांशों रहे मौजूद। सोलापुर स्थित जेसीआरसी फाउंडेशन में संचालित समूह आशा-लाभक सेविपर्स द्वारा रक एवं वित्तीय दत्तकों को सम्मानित करने का रकदान सम्मान समारोह का आयोजन किया गया। आशाएंद लाइफ वियर्स एक छत्र पहल है जो पूरे जगत्पूर जकरामतों को रक एवं एस. डी. पी. को रक जीवन बचाने का कार्य करती है। इसमें उन रक वीरों को सम्मानित किया गया जिन्होंने जरूरत पड़ने पर रकदान कर अमूर्त विंदिगियों बचाई कार्यक्रम में रक दाताओं को मोटोस देकर सम्मानित किया गया उनमें निःस्वार्थ सेवा भाव को समा को गई। कार्यक्रम के मुख्य अतिथि विवेक सागर, डेक्करीटो बचत के संस्थापक और सोइंडो और कालास ड. अर्य सेविपर्स फाउंडेशन के संस्थापक और चेयरमैन थे। उन्होंने कहा कि अन्य संस्थाओं को भी प्रेरणा लेनी चाहिए और इस तरह का योगदान करना चाहिए। इस पहल को मदद से जकरामतों को जितनी भी हम खुशियां दे सकते हैं और मुझे गर्व है कि हमारा देश का युवा इस तरह के काम कर रहे हैं साथ ही उन्होंने अपने अभिभाषण से सभा में उपस्थित दाताओं का उत्साहवर्धन किया तथा उनके द्रव्य किए गए सहयोग कि सराहना की। जेसीआरसी फाउंडेशन के चेयरमैन

बच्चों को मोमेंटोस देकर किया सम्मान
ओ.पी. अश्वल ने मुख्य अतिथियों को स्मृति चिन्ह और गुलदस्त भेंट कर बधाई दी। छुभाटकर कॉलेज के निदेशक अर्पित अश्वल भी छात्रों के मनोबल को बढ़ाने के लिए कार्यक्रम में उपस्थित थे। प्रिंसिपल डॉ.बी.के.चंदन ने दानदाताओं की निस्वार्थ दान और उत्साह के लिए प्रशंसा की। आशाएंद लाइफ सेविपर्स को स्थापना 2013 में हुई थी। तब से इसके सदस्य निरंतर एसडीपी तथा रक की आवश्यकताओं को पूर्ण करने के लिए तयार रहते हैं। आशाएंद टीम के सदस्य डॉ.पी. धैलेसीमिया और अन्य संवीधन बीमारियों से पीड़ित लोगों के लिए 24/7 उपलब्ध रहते हैं। बच्चों को मदद से अभी तक 1300 लोगों को जान बचाई जा चुकी है। आशाएंद के सदस्य युवाओं को प्रेरित कर जकरामतों को सहायक करते हैं। उन लोगों के परिवारों जिनको आशाएंद ने मुक्ति का चपट्टी में सहचला करी ने भी दान दाताओं का धन्यवाद किया तथा अंत में आशाएंद के अत्यापक प्रबंधक कुलदीप शर्मा ने आए हुए मुख्य अतिथियों और छात्रों का आभार प्रकट किया। JECRC फाउंडेशन ने पिछले 13 वर्षों में अर्धशतक रकदान चिंतियों ने पिछले 16 वर्षों में कुल 16677 फुनिट रक एकत्र करके एक बेचमार्क स्थापित किया है। आज 3000 से अधिक छात्र इस पहल से युद्ध चुके हैं और अपना योगदान दे रहे हैं। आशाएंद, राष्ट्र के युवाओं को इस सर्वोच्च कार्य का हिरसा बनने के लिए प्रेरित करता चाहती है।





JAN-JUN 2020

LEARNING FIND

IT'S WAY.....

JECRC

LOCKDOWN

DIARIES

ONLINE CLASSES IN TIMES OF COVID19

When education sees it's course, a dream opens it's eyes.

As the [#COVID19](#) brings world to a grinding halt, its vital that education sees no end. We are proud of our family of diligent teachers who even in these difficult times are ensuring delivery of online lectures to more than 10,000 of our students every day.



Dr. M.P. Singh



Dr. Fauzia Siddiqui



Mrs. Palak Jindal



Mr. Yogesh Dubey



Mr. Kuldeep Sharma



Dr. M. Shrivastava



Dr. R. Pareek



Mr. Satyendra Kumar

ONLINE

DEPARTMENT OF MECHANICAL ENGINEERING



Mr. Akhil Vijay



Mr. Hemant Bansal



Mr. Aashish Nagpal



Mr. Nitin Chhabra

LECTURES



Mr. Jitendra Gupta



Mrs. Priti Bodkhe



Mr. R.K. Gupta



Mr. D.S. Rathore



JAN-JUN 2020

ONLINE SPEAKER SERIES

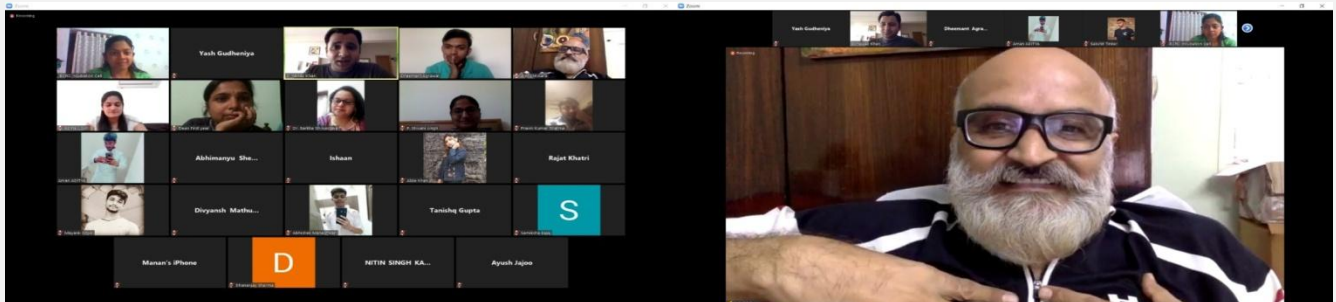
Startup Journey- What To Expect



The first session of the highly anticipated Online Speaker Series was organised today by JECRC Incubation Center.

The session had Mr Aditya Kedia, Director, Hyrefox as it's speaker for the day who spoke on the topic of "Startup Journey- what to expect" and provided an insightful session on how the ecosystem exists and what should be the do's and don'ts for survival in the market. JECRC University congratulates JECRC Incubation Center for its wonderful initiative. The first session witnessed 80+ attendees which included our Director, Sh. Arpit Agrawal members of incubation cell, staff & students

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 | Chairman, Startup India Foundation | CEO, BlueBolt Startup Factory as the spokesperson, enlightening about "remote economy in future and opportunities for startups." This session witnessed 80+ attendees which included our Head, Digital Strategies Dheemant Agrawal, Incubation Advisor, Dilnawaz Khan, Incubation Managers Komal Joshi and Anisha Saraf, members of incubation cell, staff & students.

How To Manage The Startups Operation - Understanding The Bottom Line



JECRC Incubation Center orchestrated 3rd influential Speaker Series i.e. JIC Talks on 13th of April' 2020.

The session was embraced by Amit Singhal Sir, CEO, Startup Buddy on "How to Manage the Startups Operation - Understanding the Bottom Line".

JIC has been stimulating the best recourses and opportunities for the students so that they can direct their energies virtuously.

This session witnessed 80+ attendees which included our Director, Shri Arpit Agrawal, Incubation Advisor, Dilnawaz Khan, Incubation Managers Komal Joshi and Anisha Saraf, members of incubation cell, staff & students.

Boosting Intellectual Property



Exploration is the engine that drives Innovations" and exploring new ideas is in culture at JU. Innovation and Creativity is not on halt during lockdown 2.0 as the Department of Life Science, Civil and Mechanical Engineering had interesting sessions on "Boosting Intellectual Property" delivered by Mr. Sandesh Agrawal, IP Expert, IPCurate Labs, Verispire Inc on 27 April

Smart India Hackathon - Software & Hardware Editions



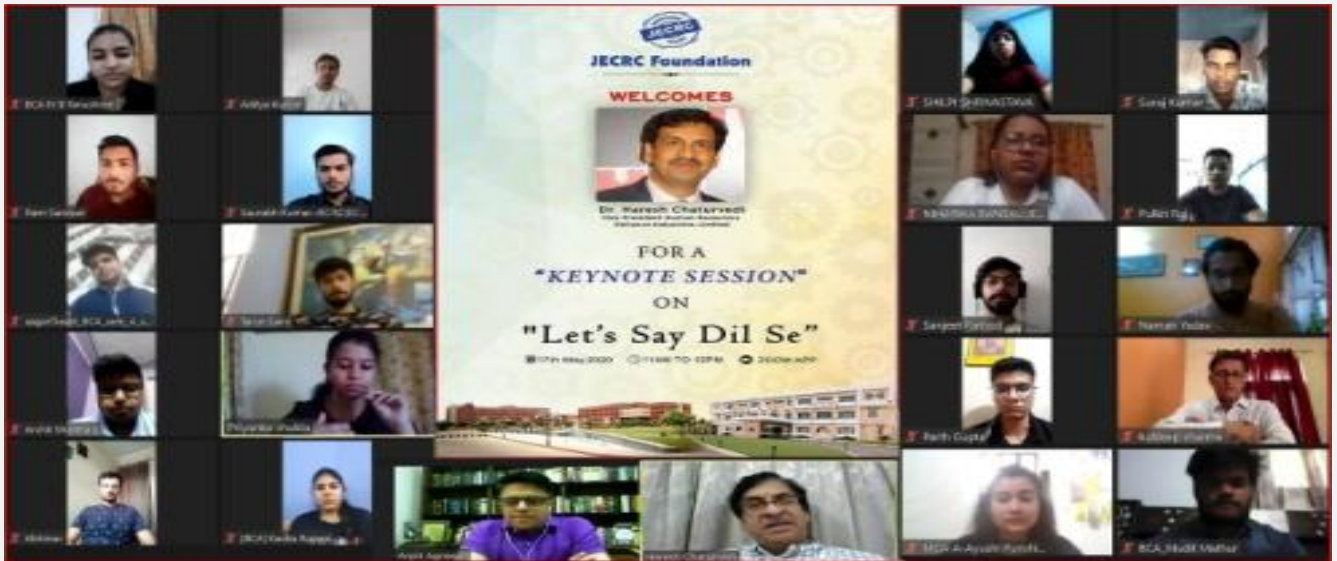
With a strong focus on an innovation centric culture, JECRC Foundation has been a part of the Smart India Hackathon initiative of Government of India since its inception in 2017. Not just as a consecutive host institute but also in terms of sending quality participation from our students every year. A brain storming session with the four teams 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. April 30

"JIC Talks"

The fourth session of the highly anticipated online speaker series - "JIC Talks" was organised by JECRC Incubation Center on April 29, chaired by Dr. Unnat Pandit, Program Director, Atal Innovation Mission (NITI AAYOG). Going into the session, Dr. Pandit allowed us to dive into his vast pool of knowledge and experience, sharing many government schemes and initiatives. Being an expert on the subject matter of IPR, he also shared some valuable tips on securing the intellectual property related to businesses. The session saw participation of 80+ students who had much to learn from Dr. Pandit. We extend our sincere thanks and gratitude to Dr. Unnat for such an insightful session. We also thank our Vice Chairperson Shri Arpit Agarwal and Director, Digital Strategies, Sh. Dheemant Agarwal for their valuable guidance.



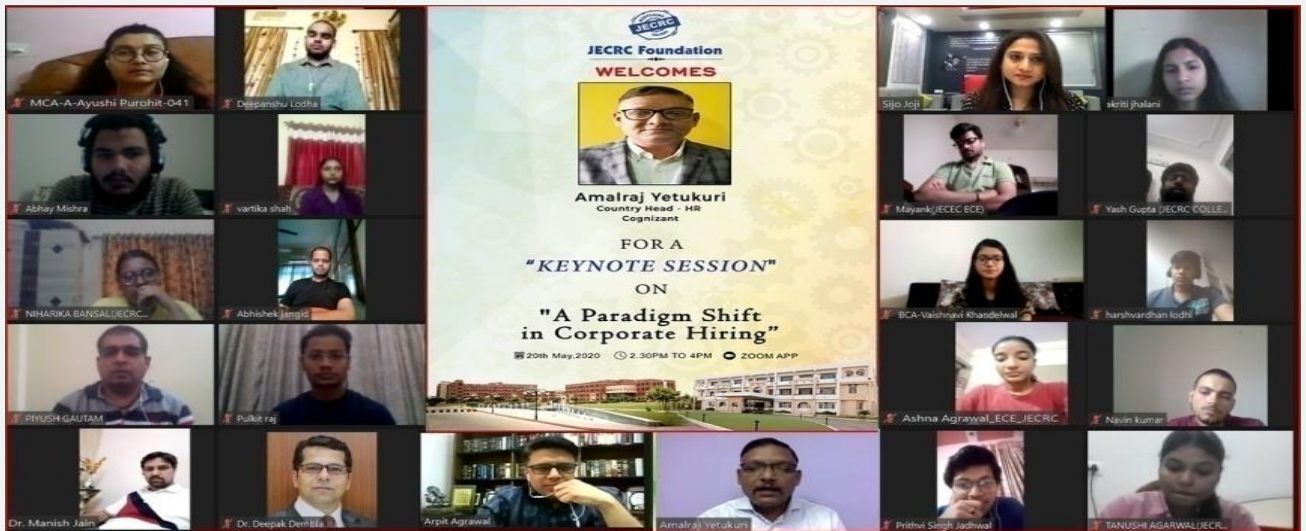
Let's Say Dil Se



Improvisation & Adaptation to the changing environment around us has been the hallmark of #JECRC Foundation's journey. Keeping up with this tradition, we are preparing ourselves and our 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 help our students understand the new hiring patterns & new skillsets that would be in demand after the pandemic. They would also help us 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 held today to a packed house. Our guest speaker today was 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 irrespective of their past.

A Paradigm Shift In Corporate Hiring

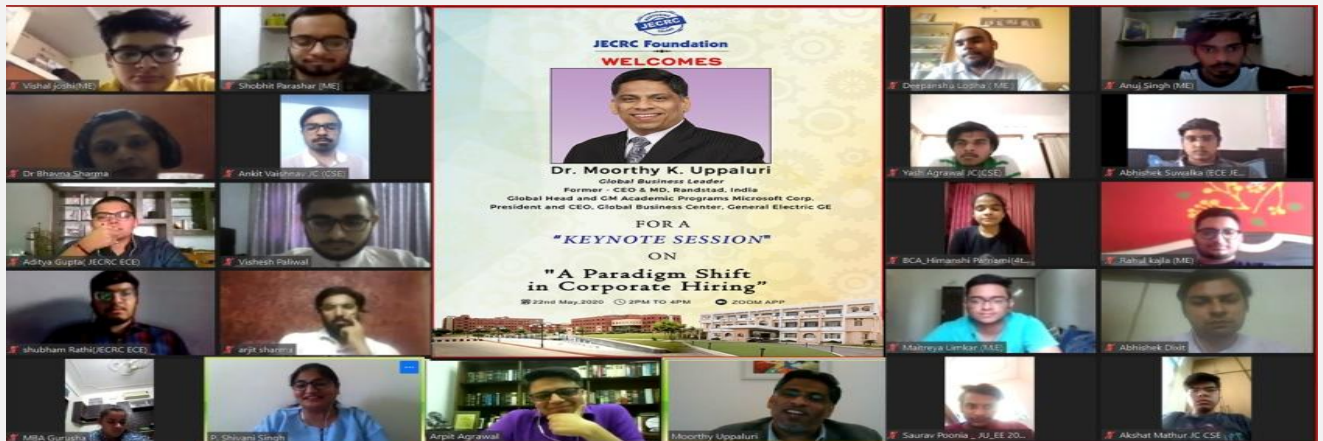


20 mayour today's illustrious speaker for the 3rd Session of the much envied "#KEYNOTE" series was Shri Amalraj Yetukuri, Country Head, HR, of world's largest IT Services Company, Cognizant. An #experience ranging over 25 years, makes him one the most appreciated HR professional globally. An alum of the prestigious Loyola College Chennai, Mr. Yetukuri is a marathon runner and supports organic farming.

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. Although the #placement season might get pushed a little. With the emergence of new start-ups addressing the challenges raised by #COVID-19, job opportunities will soar. He also predicted the Health & Pharma Industry and E-Commerce to be one of the largest recruiters in the coming years. He also motivated students to keep improving their #skills through certificate courses and professional training.

With 50+ #corporates keen on hiring from our campuses in the upcoming Placement Season, #JECRC Foundation assures our students that we will live up to your expectations.

A Paradigm Shift In Corporate Hiring



Versatile CEO, Global Business Leader and a Passionate Technologist. Some of the attributes that describe, Dr. Moorthy K. Uppaluri, 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 various leadership roles he has served as VP & GM, Global Ultrasound Business of Wipro-GE Medical Systems. He was appointed the CEO of GE Industrial's GIC in India. Later on he joined Microsoft as GM & CEO of Microsoft's IT Global Delivery. As CEO & MD of Randstad India, he was pivotal to their turnaround story. At present Mr. Uppaluri is an angel investor in a select few technology start-ups.

In his address, he sought the students to be flexible in their career choices considering the current situation. He emphasized on keeping an open mind about a variety of options and to realign their skillsets 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 mentioned that it's important that once recruited, the students productively engage themselves in the company's core values. He advised students to keep evolving in terms of their learning & development and to follow the 4P's of PRODUCT, PLACE, PRICE and PROMOTION to make themselves lucrative for hiring. He also inspired students to take up entrepreneurship with a special mention of social entrepreneurship.

A Paradigm Shift In Corporate Hiring



For the fifth session of our leadership talk series "KEYNOTE" we had with us today, VP & Head, HR, Berkadia India, Mr. Debashish Ghosh. Mr. Ghosh is a senior Human Resources professional with over 18 years of experience in managing end-to-end functions in HR. He practices and relies on advanced HR analytics to gain insights and calculate the role of various people initiatives. 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 (GTML) from Talent Management Institute. Being certified practitioners of DISC, MBTI and EQ-i 2.0 (behavior and personality assessment tools), he helps organizations identify potential strengths and blind spots of their workforce. Prior to joining Berkadia, he was associated with GE and Genpact, managing multiple roles in HR. He is an avid reader, traveler and a fitness enthusiast.

In his elaborate session Mr. Ghosh carefully touched upon the various technical skills & life skills that the students need to work upon, in order to succeed in these fluid times. Through a customized presentation that he developed specifically for this session 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.

His prognosis of the emergence of a Gig Economy offering contractual assignments sounds very plausible along with the advent of a home-centric digital-first infrastructure. He also explained the 70-20-10 model of learning & development to our students and advised them to follow it in their future endeavors.

Indian Fashion Industry Gone Global



For the sixth session of our leadership talk series "KEYNOTE" we had with us today, 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 epicenter 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, the Government of Rajasthan honored him with the Chief Minister's award for excellence. In the last few years, he has emerged as the couturier of choice for A-list celebrity grooms, including Virat Kohli, Akash Ambani and Anand Ahuja.

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. He also mentioned his desire to make the formal study of design readily available to the younger generations through setting up of design schools. 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.

We would like to thank him for sharing his journey with us and for bringing so much pride & worldwide recognition to the state of Rajasthan.

A Paradigm Shift In Corporate Hiring Post COVID-19

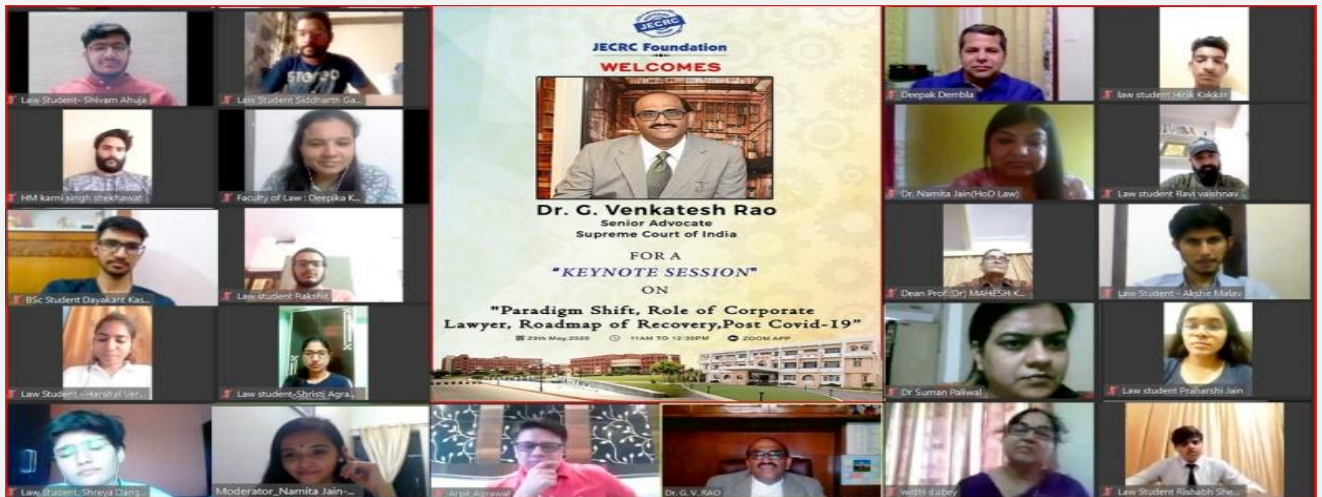


For the session of our Leadership Talk Series "KeyNote" we had with us Mr. Rakesh K Ranjan, VP - HR - Vodafone Services Ltd.

"Continuous learning is the key to tackle every changing situation" said Mr. Ranjan during his keynote address delivered to the JECRCians.

Amid pandemic Mr. Ranjan suggested to keep innovating with the thoughts to nurture the adaptively. He also guided on to foster the leadership skills & to unleash the opportunities hidden in the future for all of us."

Paradigm Shift, Role of Corporate Lawyer, Roadmap of Recovery Post COVID-19



Seventh session of Leadership Talk Series "KEYNOTE" we had with us 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.

Sr Advocate G Venkatesh Rao has been practicing and handling cases independently with a result-oriented approach and has now acquired over 9 years of professional experience in providing legal consultancy and advisory services. He is honored by LL. D and D.Litt. And 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 briefed the various aspect of Frustration of Contract. In the present era of modernization, Dr Rao enlightened how technology is helping in law activities, and he also stated that in the future computers and internet will dominate legal space as well. He talked about all the various opportunities available for corporate lawyers. He also discussed all the essential areas of corporate legal work such as intellectual property right, banking & finance, real estate, etc. He has given an overview of all the tribunal, statutory and regulatory bodies to the students.

Dr Rao suggested the students to keep learning in this lockdown as he believes that self-learning is the key to success

Paradigm Shift in Hiring Pattern & Skillset Required Post-Pandemic

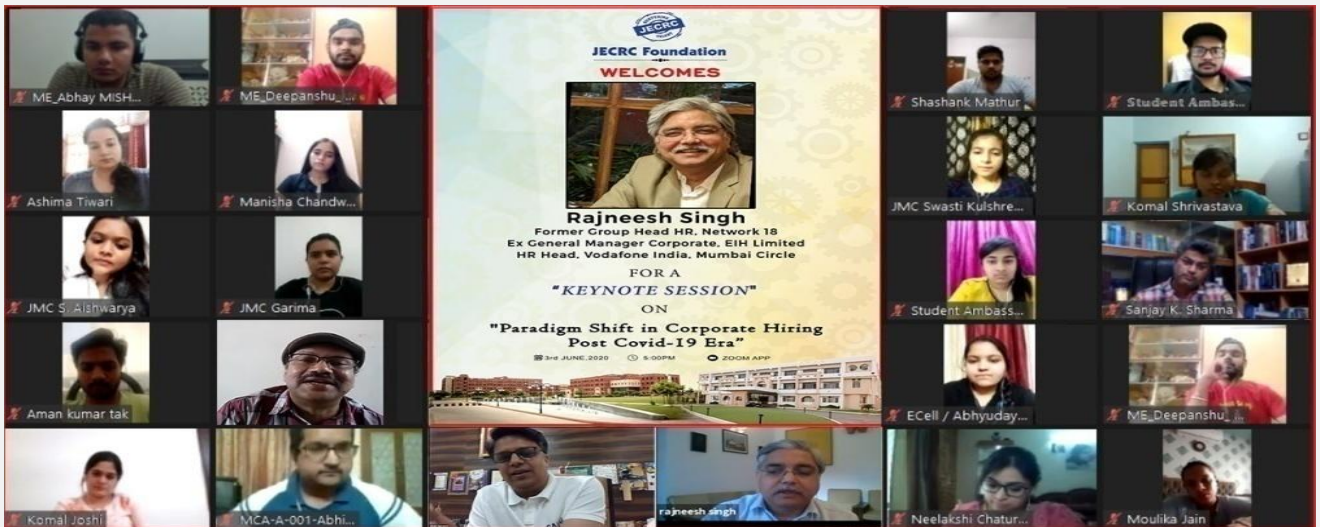


An HR's role is not limited to recruiting the most suited workforce but extends to employee engagement, retention, increasing productivity, and most essential employee growth.

In the eighth session of Keynote leadership talk series, we had with us Mr Alexander Rinku, Director HR at Oracle. He is recognized 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) & Certified Life Coach. Alex is serving Oracle from the past 12 years and efficiently handling all the Global Business Units of Oracle. This multilingual dynamic personality is honored with Armstrong Award by PeopleSoft, Best HR Manager Award by Oracle, Influential HR Leaders Award by TimesAscent, and Living the Vision Award by Oracle.

In this session on 'a paradigm shift in hiring pattern and skillsets required post-pandemic' Alex shared his thoughts 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. Herein virtual knowledge sharing session, 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 interviews and how to handle the selections and rejections. With Oracle being the dream company of many aspirants this session was an eye opener and a rendezvous with reality.

A Paradigm Shift In Corporate Hiring Post COVID-19



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&IR 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. Under his guidance, SimplyHR was listed in the top 20 HR outsource company in India by Silicon India Magazine in 2015, and a year later it was listed in the top 25 as the prominent HR consultancy brand across the globe. 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 start-ups 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. Today's assemblage was beneficial not only from a human's professional side but also for the personal thought process.

A Paradigm Shift In Corporate Hiring Post COVID-19

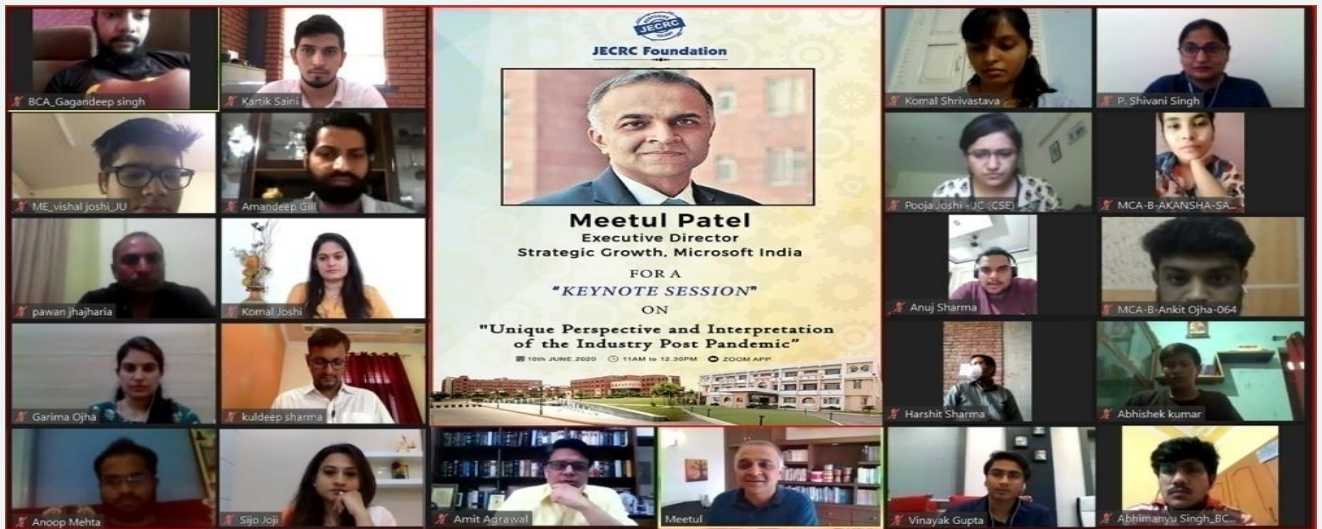


Tenth Session of Keynote leadership talk series for which we had Mr Atul Sahgal Senior Talent Acquisition Leader at Infosys, Bangalore with us. He holds an experience of 20 years, in which he has given 17+ years to the Talent Acquisition vertical at Infosys.

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 today's session with his success mantra 'Never Give up' and mentioned the same to the students. 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.

Unique Perspective & Interpretation of the Industry Post-Pandemic

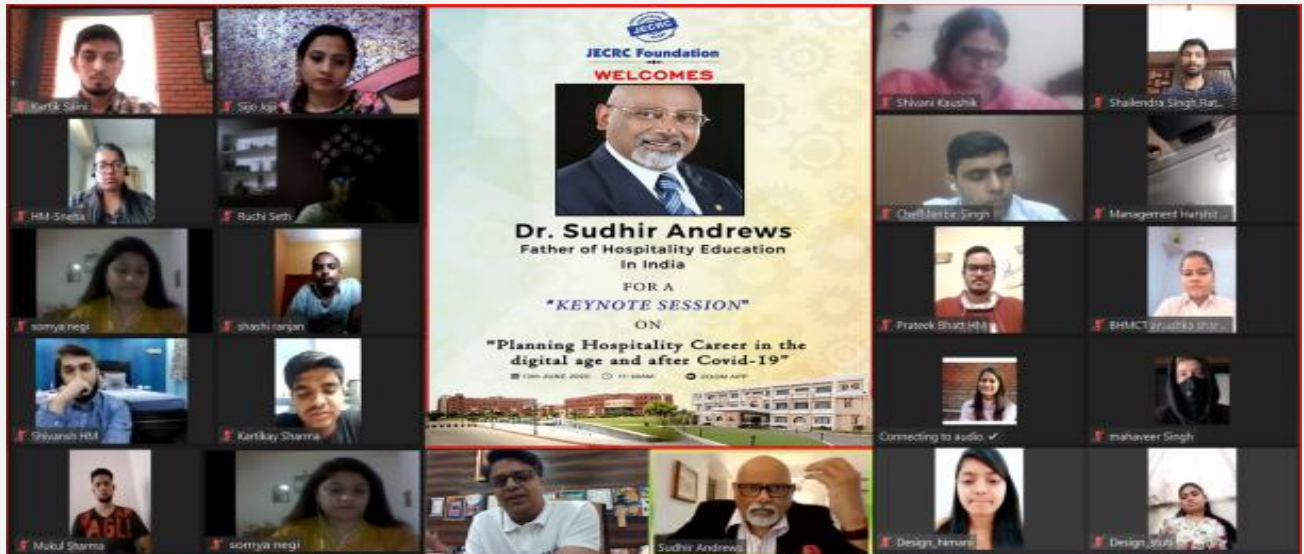


The eleventh session of Keynote leadership talk series, we had with us Mr Meetul Patel, the Executive Director, Strategic Growth at Microsoft India. He oversees the business, product planning marketing & operations for Microsoft India. Prior to the role of COO at Microsoft India he has served as General 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 has helped many fortune companies to identify a new business opportunity, developing stages and undertake transform programme across multiple business functions. His clients include major global players in the financial services, health care computing, and communication industry.

Meetul began today's 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. He categorized the following technical scenario into three stages. Furthermore, in this 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, results in making overall life better for everyone.

Planning Hospitality Career in the Digital Age & After Covid-19



For the twelfth session of Keynote Leadership talk series, we had with us Dr Sudhir Andrews Distinguished Professor at Auro University and Management at SkillMaker 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.

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. In this session, he discussed various segment available for jobs and entrepreneur in hospitality and hotel management industry post-COVID-19. He also determined that nowadays, hospitality is not limited to the hotels and cafes, but it has expanded to more other segments too. 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).

JIC SHE Talks



The 2nd Session of JIC She Talks was graced by the presence of our guests, Ms Hemalatha Annamalai (Chair, TIE Women; President, TIE Coimbatore; Founder, Uni Connect pvt Ltd.) and Ms. Sheenu Jhavar (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 University would like to thank TIE Women, TIE Rajasthan, TIE Coimbatore and TIE Global for extending support and inviting women entrepreneur from Rajasthan Ecosystem.

A Paradigm Shift In Hiring Patterns Post Pandemic



For the thirteenth Keynote Leadership talk series, we are 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 and career altitude post COVID19. Mr Kumar has also explained how this pandemic has affected not only humankind but also the well-managed economy of the world. He had briefly discussed the hiring pattern and process during and post COVID.

Future of Hospitality & Tourism After Covid-19



The fourteenth session of Keynote Leadership Talk Series was graced with the presence of 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. As the Director of Human Resources at JW, he passionately helps the associate, guests, and society positively and effectively.

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. Due to the COVID-19 hospitality and tourism sector is affected the most. 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 process for the employees.

Importance of Professional Networking



Our fifteenth session of the Keynote Leadership talk series was graced by the presence of the 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.

Covid 19 Pandemic Business Response & New Normal



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

"InnoLogue- An Innovation Talk Series



In today's era, where innovation and digitalisation are running the new realm, our second session of "InnoLogue- An Innovation Talk Series" was graced with the presence 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 talked about the importance of innovation in digitalisation. He also talked about the three-step approach for digital innovation and the factors affecting the digitalisation. Further, he also discussed how digitalisation is becoming important to our new normal life 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. He also touched the topic of Data analytic and its importance.

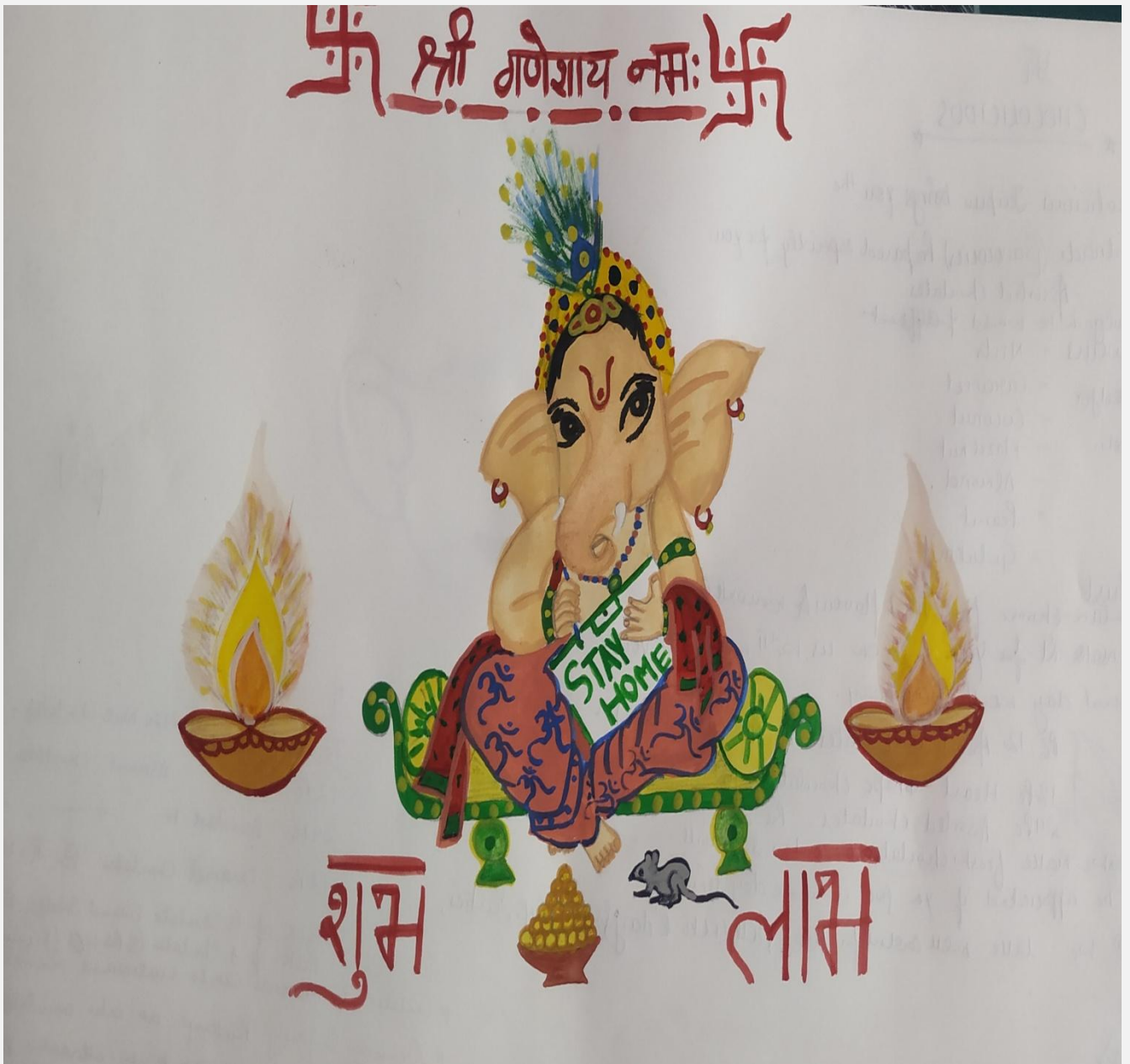


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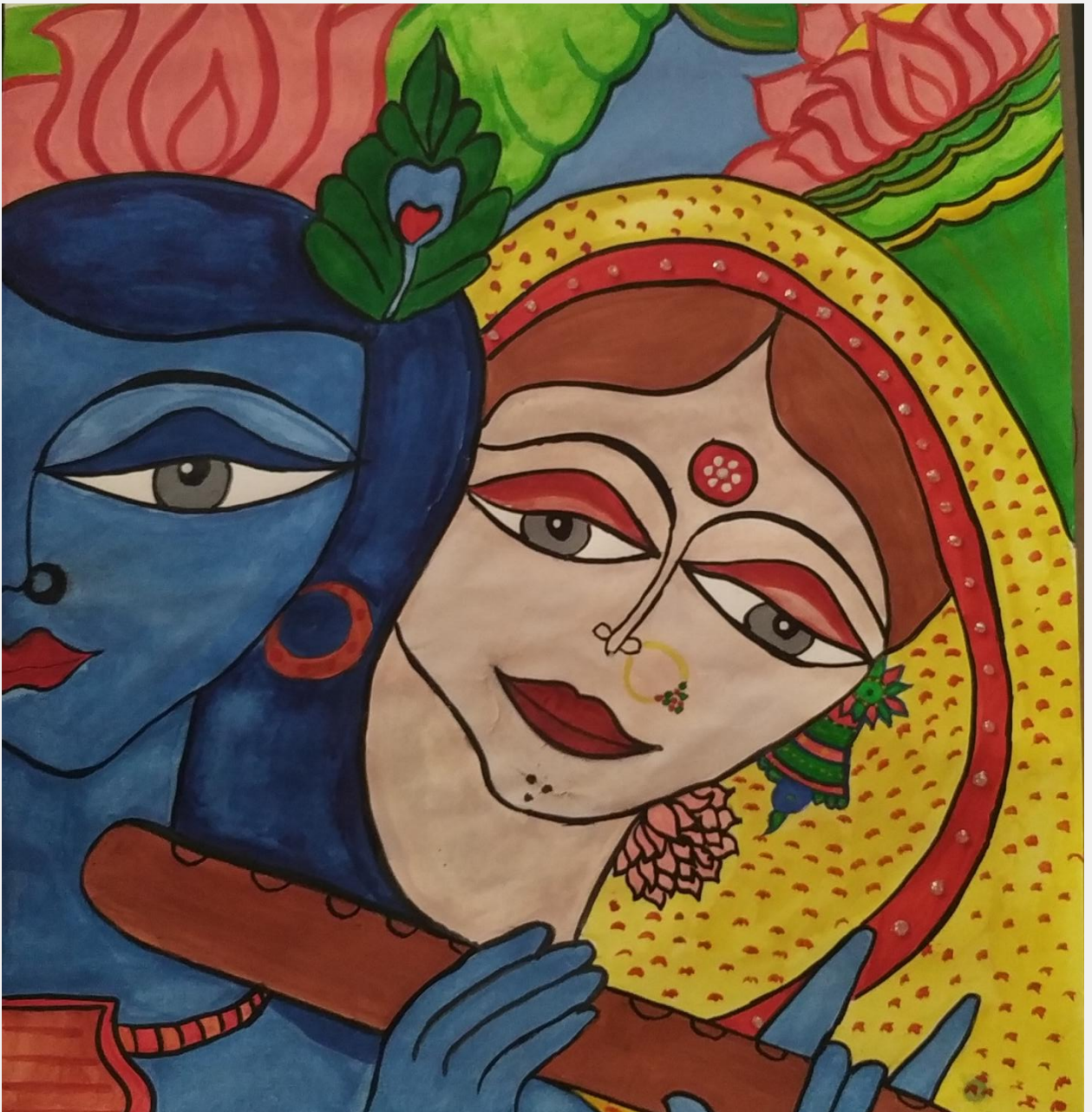


ARTIST COLUMN

By
Palak Jindal



ARTIST COLUMN





JAN-JUN 2020

ARTIST COLUMN





*From the Diary.....
By Riya Kodap*

❖ A little more persistence, a little more effort, and what seemed hopeless failure may turn to glorious success."

❖ Poem for Engineers.....

Engineers have the robust psyche
they know how to make things precise.
They wander like a writer
and they create like a master.
Maths is their obsession,
engineering is their passion....
Engineers are excellent,
their invention is significant.



*From the Diary.....
Satvik Sain(Azad)*

माना कि तुम ड्रैगन हो
पर हम भी घातक शेर हैं।
और अब यह भारत २०का है,
62 का ना फेर है।।

गोला बारूद भले ही कम,
पर बाहुबल का जोर है।
और तांडव करते योद्धा हमारे,
महाकाल का शोर है।।

नमन उन्हें जो अमर हुए,
ना व्यर्थ उनका बलिदान हो।
और लेकर प्रतिशोध योद्धाओं का,
दुश्मन तल शमशान हो।।

छोड़ो Made in China को तुम,
मिट्टी को तुम अपना लो।
और पकड़ ड्रैगन की गर्दन,
मिट्टी तल तुम दफनदो।।



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JAN-JUN 2020



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JAN-JUN 2020



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