



IT NEWSLETTER

MARCH 2019



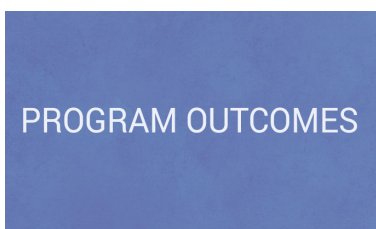
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VISION AND MISSION

Vision & Mission of Jaipur Engineering College & Research Centre, Jaipur



VISION

To become a renowned center 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 AND MISSION

Vision & Mission of Department of Information Technology



VISION

To establish outcome based excellence in teaching, Learning and commitment to support IT Industry.

MISSION

- To provide outcome based education.
- To provide fundamental & intellectual knowledge with essential skills to meet current and future need of IT Industry across the globe.
- To inculcate the philosophy of continues learning, ethical values & social responsibility.

PROGRAM OUTCOMES (POs)

1. Engineering Knowledge:

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis:

Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. 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.

4. Conduct investigations of complex problems:

Use research-based knowledge and research methods including design of experiments, analysis and interpreta-

tion 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 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 engineering practice.

7. 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.

8. Ethics:

Apply ethical principles and commit to professional ethics and responsibilities and norms of the 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.

10. 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.

11. 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.

12. Life-long Learning:

Recognize the need for, and have the preparation and ability to engage in independent life

Zarurat- Celebrating Innocence



On 15th of March '19, Zarurat brings 8th edition of their annual social fest "Zarurat- Celebrating Innocence" and the vibes of the event were in the air.

The Event ("Zarurat's Balmahotsav") started with the floral welcome of the Guest of Honor Padma Shri Devrapalli Prakash Rao & Mr. Jai Chhaniyara, after welcoming all the Guests a Very Nice Environment started creating as superb Performances started to come on the stage in the form of small little Superstars & that's the beauty of Zarurat that Beyond the education, Zarurat also focuses on overall development of little kids by paying attention towards other co-curricular activities too.

This Beautiful Program concluded also with the beautiful note of releasing of numerous balloons of various colors in the sky filling it with the hopes, joy and smiles of the children, symbolizing the way Zarurat team fills colors in the lives of these children. The event got wrapped with a token of appreciation for the efforts put in by everyone.

REDCARPET SEMINAR



In This Month of March Department of Information Technology-JECRC conducted an hour long SEMINAR on Redcarpet, this Seminar was attended by the students of First, Second and Third year of IT Department.

Basically Redcarpet is a Company which lends to customers in India to finance their online purchases - ecommerce, travel etc. In India, credit and finance companies are able to service less than 3% of the customer base because there is no data, no widespread credit bureaus to profile and score customers. RedCarpet has access to much more data, including data on your mobile phone. They use this data to service customers who never had any access to credit before.

Their design philosophy at RedCarpet is called "Design for Honesty". They are acutely aware of the responsibility that they have to safeguard their customer data. At every stage of the journey - right from asking for data (and guiding users through "Permission Blindness") to hardware encrypting PII data, they do it all.

In the end, this Interactive seminar got winded up by Requesting Students to try their App available on the Play Store by downloading it, and do Ensure Safety and Integrity of Redcarpet.

RENAISSANCE 2K19



Jaipur Engineering College & Research Centre (JECRC)'s annual techno-cultural festival 'Renaissance' 2019 was inaugurated on Saturday, March 16, by Dr Rajeev Gupta, pro-vice chancellor, Rajasthan Technical University. This year, the theme of the four-day fest was 'Rendezvous with Rajasthan'. JECRC Foundation stands in the uphill of providing excellence to our young minds in the technical field for almost sixteen years now. It furnishes the budding engineers with the plenty of scholastic and extracurricular experiences.

Grasping the estate, Department of Information Technology-JECRC this year too celebrated with full Enthusiasm the 16th yearly Fest "Renaissance'19" and conducted many Technical Events,



Here are some of them:-

- 1) Tech Probe: - This was a Type of Technical Quiz Event in which nearly 66 Students participated and the motto of this Event is to produce Quizzing Attitude towards the Students of our college.
- 2) Hardware Assembling: - One of the most famous Technical Event among Students, "Hardware Assembling" this Year too Rocks with the Maximum No. of participants carrying almost 146 Students.
- 3) Subito: - Starting with the vision of making Far better "Web Developers", SUBITO also gains Hype under the Environment of Technical Events and carries 69 participants under its Roof.
- 4) Java Lets & Just C: - These Two are the Events which have a motto of providing students, knowledge about Programming Languages. There are 88 Participants in the Event "Java Lets" and approx 60 Participants in "Just C" Event.
- 5) Blind Code & Pro Code: -Blind code is a type of Fun programming Event in the Context of Technical Events having a healthy participation of 63 Students. While Pro Code is an event in which pure Technical Programming Skills are involved, In This Event Total No. of Participants is 79.

NATIONAL CONFERENCE



Idea of NCITSA-2019 came into action 5 months ago and proper planning, rigorous review process, hard work, team work and successful execution has finally made this dream true. The conference was designed to meet and discuss with the academicians and researchers to meet the practical solutions, scientific results and technological developments in solving various problems with people who are actively involved in emerging research fields.

We were also honoured to have Dr. Devesh Kr. Srivastava, Professor, Department of Information Technology SCIT, Manipal University Jaipur and Mr. Rajesh Laskary (CISSP, CISM, CEH, COBIT, ISO, PMP) Information Security Manager, Singapore as keynote speakers.

To guide the authors & train the raw brains of young talents with their experience we invited to chair the session Mr. Shekhar, Associate prof. at JECRC university. We were honoured to have such eminent personalities as our session chairs. After presentation, each author was awarded certificate of participation from our eminent academicians/ session chairs.

A total of 131 papers were submitted. After review process 50 papers selected in which 23 papers were selected for oral presentation.

SIH-19



Smart India Hackathon 2019 software edition – an initiative of the Ministry of Human Resource Development (MHRD) – was kicked off in JECRC University, Jaipur on March 2nd, Saturday. The event was concluded on Sunday. JECRC University is among the 48 nodal centers of the country to host the event.

Union HRD Minister Prakash Javedkar inaugurated the finale of Smart India Hackathon at JECRC University on Sunday morning.

The aim of this event was to engage technology-savvy students to come up with innovative and feasible solutions to industry-related problems.

According to the officials of the university, JECRC was again chosen as the nodal center for the world's biggest innovation model Smart India Hackathon 2019 for the third time in a row.

Over a Lakh of students across the country competed in the event at different nodal centers in the country. They came up with innovation ideas in various fields including waste management, healthcare, and biomedical devices, robotics and drones, agriculture and rural development and find ways to implement them with the help of the software technology under the guidance of their mentors for over 36 hours continuously.

Last year in the event, more than 400 students participated in Smart India Hackathon 2018 to solve a total of 340 issues brought forth by Ministry of Information and Broadcasting. Prime Minister Narendra Modi interacted with the participants in live video conferencing.



FACULTY DEVELOPMENT PROGRAMME 2K19



FDP-2019

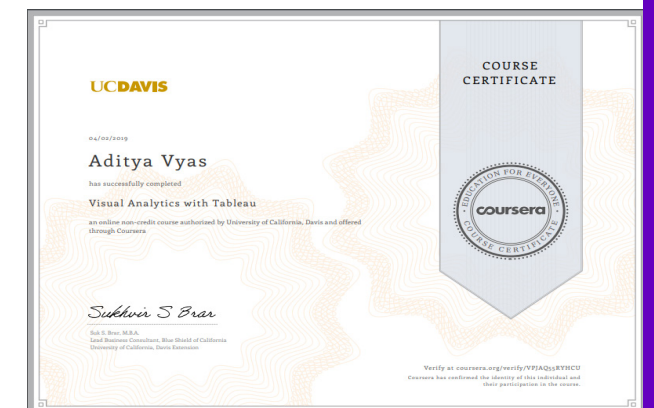
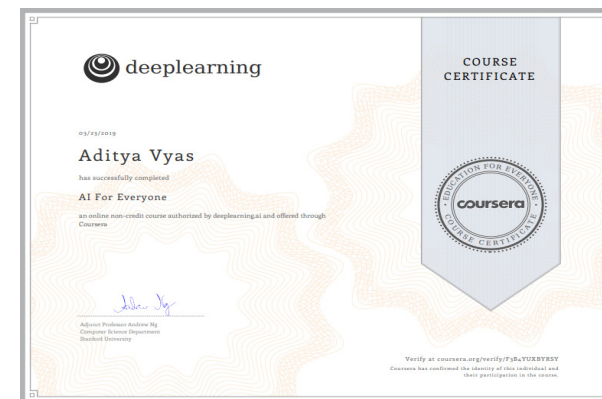
Malviya Institute of Technology, Jaipur organised a five days Faculty Development Programme on "Innovative Techniques for Enhancing Entrepreneurship Culture". It was organised from 25th March, 2019 to 29th March, 2019.

The department of Information Technology, Jecrc had shown a keen interest towards this programme and grab this golden opportunity which make us learn new techniques. There were four different sessions organised everyday on different topics which gave us a lot of learnings and experiences. It was a great opportunity for all those faculties who are working towards Entrepreneurship Culture .

Some of the topics were: Entrepreneurship selections tools and techniques, Market survey, Role of supporting agencies and many more important topics related to Entrepreneurship Culture. Many speakers and members shared their thoughts during the training. This training was a great experience and very helpful.

MOOCs EXPERIENCE

MOOCs EXPERIENCE



Student Coordinators



Ms. Neha Gupta
IV Year



Mr. Sourabh Agrawal
III year



Ms. Ritisha Kothari
III year



Ms. Shivangi Jain
II Year



Ms. SIMRAN
III year



Mr. Kabir Swami
II Year



Mr. Darshan Vyas
II Year



Mr. Manan Bindra
II Year



Mr. Dheeraj Suthar
II Year



Ms. Akshita Lodha
II Year



Mr. Manank Patni
II Year

Teacher Coordinators



Mrs. Shikha Shrivastava
Assistant Professor
Department of Information Technology



Ms. Shweta Saxena
Assistant Professor
Department of Information Technology



Dr. Sunil Kumar Jangir
Head of Department
Department of Information Technology

