IT NEWSLETTER

SEPTEMBER 2018
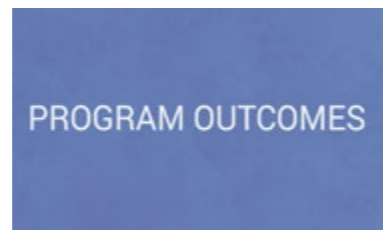
Contents

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 and life

TEACHER'S DAY CELEBRATION

"Teachers mould the lives that they influence because the lessons learned from teachers remain with their students throughout life."

We celebrate Teachers' day every year throughout the country on 5th September. Students express their gratitude and appreciation for their teachers on this day. This day is dedicated to Dr. Sarvepalli Radhakrishnan – second President of India. The great academic philosopher, and one of the most well-known diplomats, scholar, president of India and above all a teacher. As a tribute to this great teacher, his birthday has been observed as teachers' day.

With energetic dynamism, a celebration was conducted in IT department by the students of 3rd year on 5th September, 2018. It was an auspicious day for students, to celebrate with all the faculties of the department. Teachers' day celebration began as the students greeted all the teachers, as a token of respect.

TEACHER'S DAY CELEBRATION

All students created an aura of love and appreciation as they sang, recited a poem and presented a cake for all the teachers. The cake cutting was followed by the inspirational thoughts of the teachers. Some of the teachers and respected Sunil sir motivated everyone by their words of wisdom.

It concluded with a 'thank you note' delivered by a student, marking the importance of teachers. A lot of memories were created as the celebration filled a different zeal among everyone.

TCS NINJA QUALIFIER

Tata Consultancy Services Limited (TCS) is an Indian multinational information technology (IT)service , consulting company headquartered in Mumbai , Maharashtra .It is part of the Tata Group and operates in 46 countries.

TCS is one of the largest Indian companies by market capitalization . TCS is now placed among the most valuable IT services brands worldwide. In 2015, TCS was ranked 64th overall in the Forbes World's Most Innovative Companies ranking, making it both the highest-ranked IT services company and the top Indian company. It is the world's 2nd largest IT services provider.

TCS NINJA QUALIFIER

TCS, came up with the idea of picking the talented minds from all the colleges irrespective of their accreditation. A National Qualifier Test was conducted to recruit students on 2nd and 3rd September, 2018. The students who cleared this test will now appear for interviews.

Seminar on Career in PSUs

This Month Department of Information Technology conducted a Session on Career in PSUs by Engineer's Academy. The session was to aware the students about their career goals, higher studies and competitive examinations. There were two respected speakers Mr. Avinash Dixit and Mr. Pankaj Garg professors at Engineer's Academy. They motivated students and answered their queries. In the beginning, the event coordinator of IT Department welcomed the speakers. Following are the outcomes of the session.

• The seminar was really informative and very educational for students.

• They introduced students about the entrance exams like GATE, CAT, GMAT and many more.

• They also aware to students about the importance of GATE exams in B. Tech and higher studies.

• In job carriers they specified to students many fields like M. Tech, M.B.A, Govt. Jobs, Pvt. Jobs and further they told to students about PSU, Startups, Competitive Exams and many more.

Seminar on Career in PSUs

• They told to students about the colleges in which they will get admission after clearing entrance exams.

• They aware to the students about the scopes of different fields in career goals.

• They clear the vision of the students for pursuing M.Tech, MS degree, M.B.A, civil services.

The session was attended by students (more than 110 students) of the Department of Information Technology.

The session ended up with the vote of thanks by event coordinator.

Engineer's Day

Seminar on "Impact of Digital Marketing in IT Industry"

On the auspicious occasion of Engineer's Day (15th Sept., 2018) a seminar on "Impact of Digital Marketing in IT Industry" was conducted for both II year and III year students under the supervision of department of Information Technology, JECRC, Jaipur with the following objectives:

• Spreading Awareness about Digital Marketing Concepts.

• Career Prospects in Digital Marketing.

• Digital Marketing Opportunities in Market.

• Important Tools Professionals Use in Digital Marketing.

The invited speaker for the seminar was Mr. Ashish Kumar Mishra who is a Digital Marketing Expert and presently working as Head-Business Relations, Genx Soft Technologies Pvt. Ltd. He discussed the Digital Marketing Concepts, Career Opportunities and Some Important Tools used by Digital Marketing Professionals.

The session started with the good wishes of Engineer's Day followed by floral welcome of the invited guest Mr. Ashish Kumar Mishra by Mr. Naveen Kumar Kedia, Assistant Professor, IT.

Engineer's Day

The session was attended by all the faculty members of the Department of Information Technology and more than 60 students. I am glad to share with you that it was really a wonderful and eye-opening session for all the students who wish to pursue their career in this field.

The session ended with following outcomes:

• Students learned the basic concepts of digital marketing.

• Students learned to make their own domain on WWW with godaddy.com.

• Students learned the fundamentals of search engine optimization and Ad. Optimization.

• Students got the knowledge about current industry demands and career opportunities in the field of digital marketing.

• Students got the knowledge about certain digital marketing techniques like Affiliate Marketing, Google Adverbs.

• Students got some idea for creating their own start-up business with the help of digital marketing.

IT HACKATHON 2.0

"Every once in a while, a new technology, an old problem, and a big idea turns into an Innovation."

Hacking is an unorthodox way to solve problems, however, it is most often perceived in the public. A hackathon is an event that gathers programmers with different skills sets to "hack", or work collaboratively, on a software project. With the continuous hard work and dedication of the team the Department of Information Technology-JECRC has successfully organised the I.T. Hackathon 2.0 on 12th Sep. 2018.

VISION:

1. Promote creativity and team working - IT Hackathon provides a platform for students to unleash their creativity and collaboration skills, to vital skills for future learning and career development, through coming up with ideas and building the product collaboratively.

2. Educate students development skills - Programming is the new literacy. Every industry, from finance to transportation requires people who know how to program. By equipping students with development skills, more opportunities will open up for them in future.

IT HACKATHON 2.0

3. Promote "Developing Culture" - Developing culture encourages people to think to Engineering with out of the box. Students challenge themselves to create something new and to take ownership of what they create. These are important but often neglected experiences.

MISSION:

The event was the beginning of the competitive coding arena in the college.The event was an exceptional hit. It served as a platform which inspired our teams to compete at a higher level and take their innovation forward.It helped a lot in motivating students and making them aware about their coding skills. It provided them a platform to develop their coding skills and to build up their future in coding. We are looking forward to continue the coding legacy this year as well with double enthusiasm and double fun Prior to Hackathon, we conducted various workshops in collaboration with Team OSD and SIG Group in which they were introduced to Web development and Android .

IT HACKATHON 2.0

IT HACKATHON 2.0

ABOUT THE EVENT:

The event was organised for students of all branches and it was a 6 hour event where the students have to code and convert their innovative ideas into new developments. The event coordinator was Mrs. Preeti Sharma . To make the event more interesting various quizzes were also organised in the middle of the event to encourage students. Inauguration of this 6 hours event was done by our honorable Jury members . They are:

Mr. Sankalp Sharma , Director(Rayqube Future Tech)

Mr. Krishan Mohan Agarwal , Director(Obleam Pvt. Ltd.)

We have Mr. Kshitij , HTW Berlin, Masters of Business Administration and Engineering with Specialisation in Automotive Management as our Visitor Guest. Also we have Mr. Rishi Jain, an Alumini of our college who doubled the motivation of the students. We have Mr. Kuldeep Sharma Sir, TPO Mechanical who interacted with the students.Not only this, we have our teachers who mentored our students continuously from time to time. They are:

Mr. Naveen Kedia ,Mr. Jay Shankar Sharma, Mr. Vishal Sangtani, Mr. Piyush Gautam, Mr. Arihant Jain, Mr. Brijesh Kumar Singh, Mrs. Priya Gupta, Mrs. Kusum Yadav, Mrs. Seema Yadav, Mrs Shikha Srivastava, Ms. Shweta Saxena and Ms. Deepika. Special Thanks to Dr. V.K. Chandana , Principal JECRC Foundation who motivated the students with his speech. To make students more aware about Hackathon, there were many Pre-Workshops conducted and the result of that we have total of 60 teams who participated in the I.T. Hackathon 2.0 and out of them 6 were selected for the 2nd Round(Power Judging) .In the second round, all the 6 Teams have to present their ideas to judges in the form of ppt and out of 6, there were winners, they are:

Winner: Gourav Sharma and Hardik Jain

1st Runner up: Simranjeet kaur and Namandeep Singh

2nd Runner up: Yashika Gupta and Tanishka Singhal

And not only this, 5 consolation prizes were also given to the students whose ideas were innovative.

AASHAYEIN BLOOD GROUP CHECKUP CAMP

"Blood checked today will be a boon for one, Just a pinch and it's all done."

With the wreath of socializing invaluable lives and rendering the very cause of humanity, team Aashayein organized a Blood Group Checkup Camp at JECRC College on 18th Sept 2018. The camp was set up with the motive to encourage the new blossoms regarding blood donation and make them aware about their blood groups. The event was ignited with the welcome of the team of doctors from Mahatma Gandhi Hospital followed by lightening up diya in reverence of Maa Saraswati.

The embarking participation of about "588" students for blood group checkup awoke the excitement and will in them to hold the cause for cherishing the ecstatic smiles.

AASHAYEIN BLOOD GROUP CHECKUP CAMP

The event was graced by the benign presence of Sh. O.P. Jain, Senior Advisor Social Initiatives, JECRC, Sh. M.L. Sharma, vice chairman, JECRC foundation, Sh. Kuldeep Sharma, Teacher Coordinator, Aashayein-The Life Saviors.

The event ended with the hope that these little efforts today will light all the astounding eternity in these young enthusiasts of JECRC to let their door open for this alluring cause.

#the_life_saviours

ACCENTURE VISIT

ACCENTURE VISIT

Accenture is a global management consulting and professional services firm that provides strategy, consulting, digital, technology and operations services. A Fortune Global 500 company, it has been incorporated in Dublin , Ireland , since 1 September 2009. In 2017, the company reported net revenues of $34.9 billion, with more than 425,000 employees serving clients in more than 200 cities in 120 countries. Accenture's current clients include 95 of the Fortune Global 100 and more than three-quarters of the Fortune Global 500.

Accenture conducted a Campus Recruitment Drive at JECRC on 11th September 2018. It was one of the most prestigious drive of JECRC Foundation.

All the students came to college with one goal in their mind - ACCENTURE. The process began with Company Presentation at the Auditorium. Students were told about the work culture, innovation hub and many more things that further motivated them to join the company. After that, the team quickly verified the documents of the students and made them sit for the Aptitude Test.

60 questions were to be solved in 60 minutes. The pressure was really high. The result was to be announced after 1 hour. The result was declared and most of the students were eligible to sit for the interview. The time slot of interview was mailed to every student. There were around 10 panels, each taking interview of 5 students at a time. The final results were announced on the next day and 201 students from JECRC got placed in Accenture.

The following students from IT department were selected:-

1. ANANT UPADHYAY
2. ANIRUDH POKHRIYAL
3. ANKUR SHARMA
4. ASMITA GOSWAMI
5. AYUSHI JAIN
6. BHAVESH SONI
7. DEEPAK KHANDELWAL
8. GARVIT MATHUR
9. GAURANG DADHEECH

10. GAURAV GUPTA
11. GAURAV KABRA
12. JASMINE NARULA
13. KANIKA AGGARWAL
14. KARAN SHARMA
15. KASHISH MITTAL
16. KUNAL MISHRA
17. LOKESH SONI
18. MADHUR JOSHI

19. MANISHA SHEKHAWAT
20. MAYANK KUMAR
21. NAMAN AGARWAL
22. NAMAN JAIN
23. NEHA GUPTA
24. PARAG JAIN
25. PIHU GUPTA
26. PIYUSH PANDEY
27. RAJAT JAIN
28. RAM CHANDRA TIWARI
29. RATI SETHI
30. SAKSHAM JAIN

31. SAKSHI JAIN
32. SANCHIT BHARGAVA
33. SHALU BHARDWAJ
34. SHIVAM SINHA
35. SIDDARTH JAIN
36. SIDDHANT PARASHAR
37. SIDDHARTH SINGH TOMAR
38. SONAL AGARWAL
39. SURBHI GUPTA
40. UJJVAL BAFNA
41. VARUN SONI

CAPGEMINI VISIT

Capgemini is a French multinational professional services and business consulting corporation headquartered in Paris, France . It provides IT services and is one of the world's largest IT consulting , outsourcing and professional services companies with over 200,000 employees in over 40 countries,of whom nearly 100,000 are in India. It was founded in 1967 by Serge Kampf in Grenoble , France. Paul Hermelin has been chairman and CEO of the Capgemini group since his appointment in December 2001.
Capgemini's services are delivered through four disciplines; Consulting, Technology, Outsourcing and Local Professional Services.

Capgemini conducted a Campus Recruitment Drive on 6th and 7th September 2018. It was the first drive for 2019 batch at JECRC.

There were 4 rounds in total:

1. Aptitude Round
2. Pseudocode Round
3. Technical Interview
4. HR Interview

CAPGEMINI VISIT

CAPGEMINI VISIT

It started with the Aptitude Test. The results of the first round were announced in the Auditorium. Many students were eligible for the second round - Pseudocode Round.

Technical skills of students were tested in this round. The students who cleared the second round were made to sit for the Company Presentation. Then Technical Interviews started. It was for the first time that students were sitting for Company Interview. The mentors motivated and guided the students in all the ways.

The students who cleared the Technical Interviews were made to sit for HR Interview. Results were announced on 12th September 2018.

The following students from IT department were selected:-

1. Ayushi Jain
2. Bhavesh Soni
3. Ankur Sharma
4. Sonal Agarwal
5. Sakshi Jain
6. Ram Chandra Tiwari

7. Asmita Goswami
8. Pihu Gupta
9. Mayank Kumar
10. Ujjval Bafna
11. Kunal Mishra
12. Lakshya Arora
13. Chandra Pal Singh Rathore

SURGICAL STRIKE DAY

The college celebrated September 29 as 'Surgical Strike Day'. Two years after troops from Indian army crossed the Line of Control that day and destroyed militant camps in Pakistan Occupied Kashmir, this year it was celebrated throughout the country.

A surgical strike is a military attack which results in, was intended to result in, or is claimed to have resulted in only damage to the intended legitimate military target, and no or minimal collateral damage to surrounding structures, vehicles, buildings, or the general public infrastructure and utilities.

SURGICAL STRIKE DAY

On 29 September 2016, eleven days after the Uri attack, Indian army said it had conducted "surgical strikes" against suspected militants in Pakistani-administered Kashmir. As a remark of this day, first year students took an oath and made posters on the theme of "surgical strike".

Student Coordinator

Ms. Neha Gupta
IV Year

Mr.Sourabh Agrawal
III year

Ms.Ritisha Kothari
III year

Ms. Diksha Lath
III Year

Ms.SIMRAN
III year

Mr. Kabir Swami
II Year

Mr. Darshan Vyas
II Year

Teacher Coordinator

Mrs. Shikha Shrivastava
Assistant Professor
Department of Information Technology

Ms. Shweta Saxena
Assistant Professor
Department of Information Technology

Mr. Sunil Jangir
Head of Department
Department of Information Technology

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE