IT NEWSLETTER

JANUARY 2019
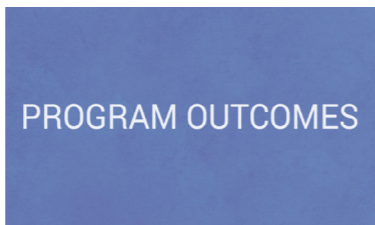
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VISION AND MISSION

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 environ-mental contexts, and demonstrate the knowledge of, and need for sustainable develop-ment.

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 com-munity 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 prin-ciples 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

CAREER COUNSELLING

On 18th of January '19, IT department of JECRC college conducted an hour long seminar in association with ENDEAVOR CAREERS in which importance of motivation and choosing a right career was discussed thoroughly.

Mr. Minhas Khan, from Endeavor Careers,conducted a very interactive seminar where he started off by talking about lack of motivation in the students and how they find difficulty in finding their keen interest. He discussed how students should first find their interest and then pursue it whole heartedly. He discussed about 10,000 hour rule which says if anyone can devote 10,000 hours to a particular activity, be it guitar learning or a new technology, he can count himself in the 1% of the World's population who has an expertise in that particular activity.

He then asked students that which hours were the most difficult of all to which few of the students said first 2-3 hours, few said last 2-3 hours. Whereas the exact answer was the middle hours where a person starts feeling frustrated and demotivated. Starting hours are very interesting as things are new. Ending hours show results hence they are also not difficult. So, if a student can suffice middle hours, he'll get there.

Mr. Khan also had a discussion on why the students are afraid to have a dream when everything is possible now. We just have to choose a field and then get totally involved in it, which is by the way the most difficult part. To find one's interest, he should do three things to keep his mind activated which are Movie watching, book reading and playing any one sport. This keeps the mind fresh and therefore is helpful to find an interest.

In the end, the seminar got winded up by a video of Nick Vijucic, who's a man born without limbs and still doing more activities than a person with limbs can do. He's an example that no excuse should come between your dreams.

To boost up the students and motivate them, IT department,JECRC organised the seminar successfully which increases the concentration level of students and helps them in finding solutions to their problems more easily.

REPUBLIC DAY

"A nation's culture resides in the heart and in the soul of its people"

Saluting INDIA! Where each bird blooms in its true colours, where each day is a celebration of unity, humanity, harmony and synthesis. With this pride, we were overjoyed to celebrate 70th Republic Day.It is the day on which the foundation of our republic wascommemorated i.e., 26th January. On this day, Government of India Act (1935) was replaced as the governing document of India which is known as *Constitution of India* .

Like every year JECRC Foundation has celebrated this occasion whole heartedly. The celebration was started with the flag hosting done by the dignitaries which was followed by National Anthem. Further the celebration continued with the enthusiastic participation of the students of college to make the day special .The students of JECRC showed their love and care for their country and developed the feeling of patriotism in all others .It was really an honour to have this celebration in campus.

MOOC's EXPERIENCE   # MOOC's EXPERIENCE

JIGYASU JOSHI

PRITHVIRAJ RATHORE

MANAN BINDRA

SHREYA KHANDELWAL

Tanya

Student Coordinator

Teacher Coordinator

Ms. Diksha Lath
III Year

Ms. Neha Gupta
IV Year

Ms.SIMRAN
III year

Mr.Sourabh Agrawal
III year

Ms.. Shivangi Jain
II Year

Ms.Ritisha Kothari
III year

Mr. Darshan Vyas
II Year

Mr. Manan Bindra
II Year

Mr. Manank Patni
II Year

Mr. Dheeraj Suthar
II Year

Ms. Akshita Lodha
II Year

Mr. Kabir Swami
II Year

Mrs. Shikha Shrivastava
Assistant Professor
Department of Information Technology

Ms. Shweta Saxena
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Department of Information Technology

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE