IT NEWSLETTER

JULY 2018

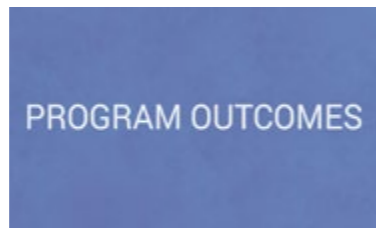Department of Information Technology

Contents

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 interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage:

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex 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

INDUCTION FOR BATCH 2017-2021

"CONNECT TODAY, TRANSFORM TOMORROW, IT'S NOT JUST OUR MISSION, IT'S OUR WISH FOR YOU"

IT Dept. has always initiated for the welfare of students and this time also dept. organized a 15 day induction program for 3 sem students .This induction program helped them a lot to learn many things about the industry and current requirements of company.

The Induction program started on 2nd of July where they have to report first in the department and then they were informed about the further activities they were going to learn in upcoming days. The best part of the training is that at the end of the day they were provided with the lots of assignment and on the basis of their assignment they were scored.

On July 3rd their training started with full of enthusiasm, they started by learning WEB development which is basically a 2-day program, where they were given the knowledge of HTML, CSS & JAVASCRIPT which was conducted by Naveen Kedia Sir and OSD Members

After 2 day training, on the 3 day, the dept. Conducted a session regarding the initiatives taken by the dept. and various in house clubs which are PAC club, OSD club, SIG club, JIE club. After the introduction of these clubs they were told to make their account on Swayam and NDL (National Digital Library).

INDUCTION FOR BATCH 2017-2021

On the 6th day of their induction program they learned about the concepts of OOP's which was conducted by Vishal Sangtani Sir as it is a highly portable language and is often the language of choice for multi device, multiplatform app development.

As it is always said that "An investment in knowledge pays the best interest". With this motive on 7th day of training IT dept. call MR.SHREY SHARMA(Creator SALESFORCE Hulk) where he told the students about the sales force and why it is so demanding in market.

The next 2 days for training were based on Android App Development which was conducted by Vijendra Sir where they were taught about the android apps that they can develop.On 11 July the training includes a workshop on IoT which was conducted by Dr. Sylvester Fernandes and Mr.Yogendra (Forks Technologies Jaipur).

The next three days of Training, the students were trained about the basic knowledge of M.L, Python and Latex Learning which was conducted by Sunil Jangir Sir and Jay Shankar Sharma Sir .As these all 3 are very demanding in market today so it's very important that students should also keep themselves updated.

On the last day of their training all the students were given the certificate to boost up their knowledge and confidence. At the end they were given the regular assignments and they also give their feedback regarding this 15 day Induction Program.

This training help the students to inculcate the habit of healthy competition among the students as well as to keep them aware about the latest technologies.

As it is always said that "Every achievement was an experience in itself, an experience which theoretical study can't provide".

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It's fine to celebrate success but it is more important to heed the lessons of failure.

Bill Gates

«

Feedback

"I feel that we learnt a lot about Modern Technologies, and it was really fun too. Irrespective the field we choose – Web Application Development, Object Oriented Programming, Android App. Development, Machine Learning, or Python, it was relevant for all of us."

-Darshan Vyas

"I REALLY enjoyed this 15 days training program for many reasons...not least for interacting with professionals from various disciplines who all have the same interest in different Software Applications."

-Dheeraj Suthar

"It was even better than I imagined. I can't wait to (attempt to!) use these all Software Applications and everything that I learned in just few days. Thanks!"

-Bandhan Yadav

"Those 15 days of training program were one of the best I've ever spent. Particularly Shrey sir's talk was so inspiring, informative and his method of delivery was so easy to receive."

-Abhimanyu Shekhawat

PLACEMENT TRAINING

Training is an ongoing part in enhancing ones personal life however when it comes to kick starting your carrer , training tends act as a stepping stone and paves the path for a bright future. College placement can be a grueling experience if the student doesnot have an idea about the same.

Keeping in this mind, Department of Information-Technology has taken following initiatives to prepare students for the placements so that they can excel at interviews and recruitment processes.

Apptitude Training :

Aptitude refers to the competency of a person to learn or acquire knowledge. Most of the jobs in the corporate world require employees to expand their skill set through additional training. As companies are ready to provide on the job training, they seek for candidates who have the competency to undergo the training. Students are trained to develop the necessary skills-sets to handle the aptitude questions in the Interviews in the best manner possible.

PLACEMENT TRAINING

G.D SKILLS :

Students need to practice for GD and PI so that they can show their communication skills in front of the interviewer and can shine in the crowd . To get a command on their soft skills, Department of Information Technology conducted various session for all the students . For P.I , all the faculties of the department were involved to take their technical skills as well as H.R interviews. Also 4-5 GDs were conducted everyday so that they can learn how to keep their point and speak among a lot of students. These session were conducted by Ms Ritisha Kothari.

TECHNICAL SKILLS :

Technical skills are the knowledge and capabilities to perform specialized tasks. Management often needs to have technical skills in order to communicate effectively with line workers and coordinate efforts. So Department of Information Technology tries to provide the technical knowldge to the student and for this they arrange the technical classes of C , C++ , DSA, OS and DBMS.

PLACEMENT TRAINING

RESUME BUILDING :

Your resume (sometimes called your "CV") is your most important tool when applying for a job. It doesn't matter how qualified you are, or how much experience you have - if your resume is poorly presented or badly written, you're going to have trouble getting the job you want - or even an interview. So Department of Information Technology tries to help the students by building the strong resume .

BUDDY SYSTEM :

We have assigned each student a mentor who is presently working in MNC and were graduated between 2010- 2017.A total of 27 mentors have been assigned to the students so far as the no. Of elegible students is 67. These company people take interviews of these students once a week and give them assignment and feedback. This feedback along with the questions asked in the interviwe is posted in the Whatsapp group for rest of the students.

ALUMNI SESSION :

We have organized alumni session where alumni shared their preparation strategiea and solved queries of the students. So far these alumnies have taken session in month of July.

1.   Ms. Dimple Rohira   (IBM)
2.   Mr. Deepanshu Soni   (Appirio)
3.   Ms. Arpita Jaroli   (AmDocs)
4.   Mr. Bhavit Jain   (Appirio)
5.   Mr. Navin Gurnani   (MAQ Software)
6.   Ms. Surbhi Khandelwal   (Accenture)
7.   Mr. Harsh Vardhan Binayala   (NewGen)
8.   Mr. Anup Swami   (Wipro)

Feedback

Technical Interviews

I got to know about more and more technical questions which have a very high probability of being asked in interviews. By giving technical interviews, my confidence level has increased along with the knowledge of subjects.

- Rati Sethi

HR Interviews :-

Giving mock HR Interviews helped me a lot in improving my thought process during interviews and I got to know about various questions and situations that are generally asked during such interviews.

-Kunal Mishra

FACE Aptitude Classes :-

FACE Aptitude classes were very interesting and helped us in improving our aptitude. Short tricks and techniques were taught to us so as to complete all the questions within the given time.

-Pihu Gupta

Feedback

Buddy System :-

IT Department took an amazing initiative by allotting a buddy(alumni) to each and every student. This is really very helpful as we have our personal mentor who is available 24×7 for guiding us throughout the placement journey.

-Rachit Vashishtha

GD :-

Group discussion plays a key role in selection process of companies. Participating in group discussion daily helped me to boost up my confidence and improve my communication skills.
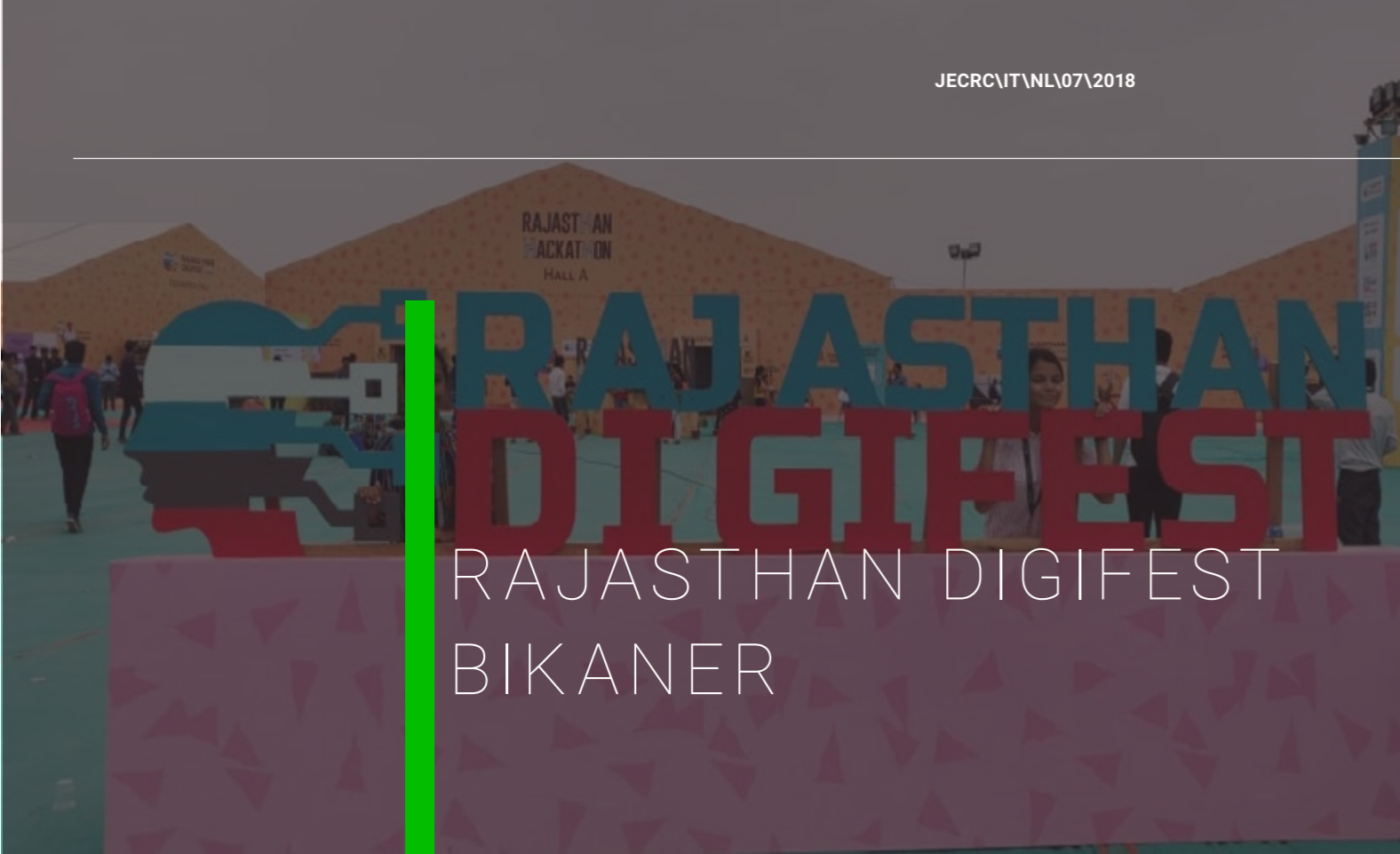
-Kartik Gupta

RAJASTHAN DIGIFEST BIKANER

With the aim of boosting the concept of "Digital Rajasthan" and providing a platform to the innovative young talent in Information Technology, the fourth edition of 'Rajasthan Digifest' - 'Rajasthan Digifest-Bikaner' commenced on a great note on 24 July.18..

IT experts from about 50 startups from across the country are participating at the Digifest. Innovations.On the first day of the festival being held at the State Polytechnic College and ITI campus, the youths participated in large numbers. As part of the Fest organized by the Information Technology and Communication Department, a job fair, Hackathon and IT Exhibition were held.
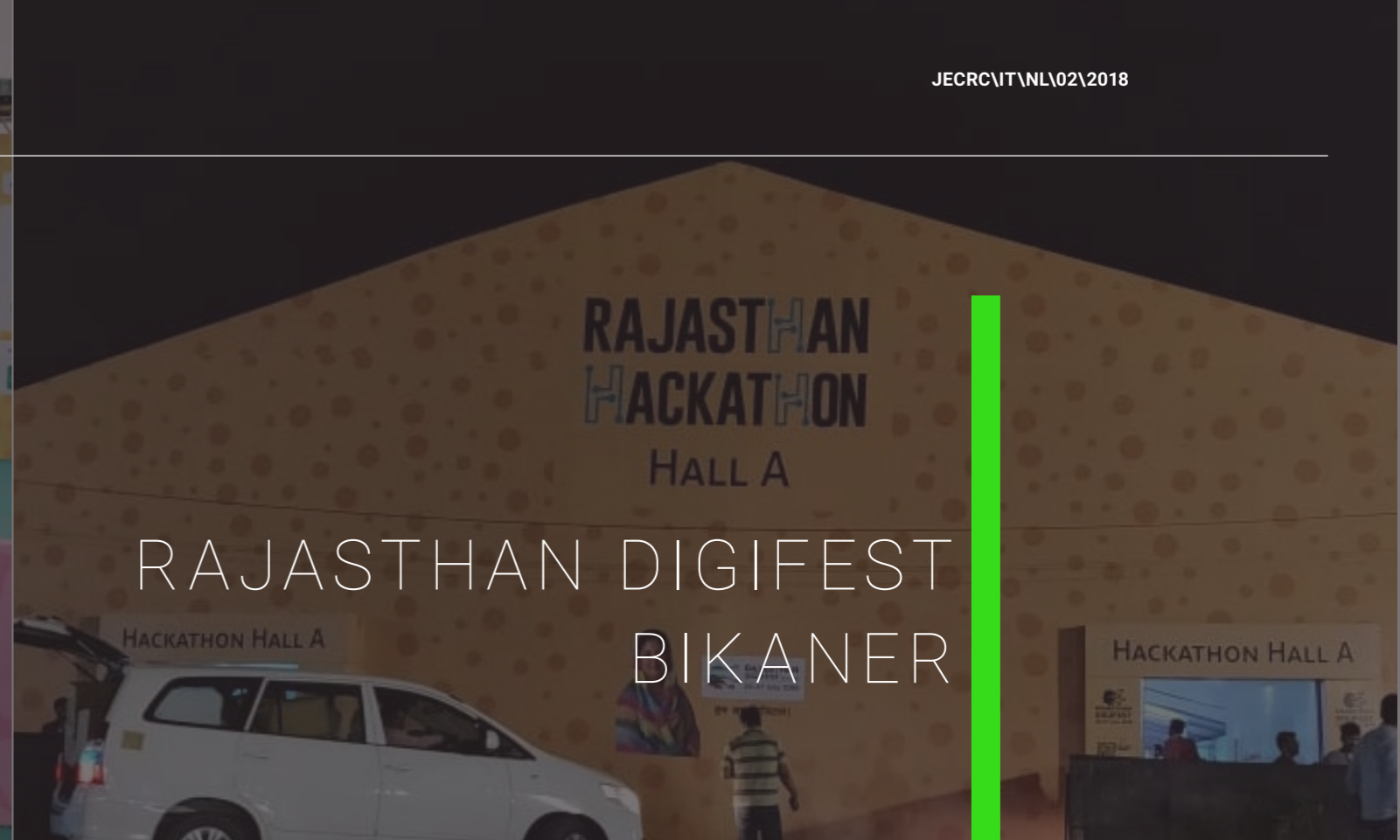
RAJASTHAN DIGIFEST
BIKANER

RAJASTHAN DIGIFEST
BIKANER

Rajasthan government was expecting a big boost for job creation. The focus was on sectors like hospitality, FMCG, information and technology and healthcare. Mindful of the fact that startups are one of the biggest job creators, the government has curated this fest, which offers a network for entrepreneurs and venture capitalists.

IT dept. always try that their students should expell in all the feilds and to motivate the students for these digifest ,Jecrc organized the JECRC Hackathon1.0 and IT dept. Organized the IT hackathon. With these type of Hackathon ,college and IT dept. motivate the students to participate in these hackahtons. And this time also total of 21 Teams from IT dept. Participated in this hackathon with their full confidence and enthusiasm and many of them won lot of goodies .

The two-day Hackathon event at -- Rajasthan Digifest 2018 --- which was on 26-27 july and is aimed at providing a platform for entrepreneurs and startups to get more traction leading to funding, engagement and increasing the customer base. In addition to the main stage where tech tycoons, startup founders and business leaders were share their expertise, there were several other workshops and talks organized in parallel tracks. The three-day event also features some cool events that showcase technology in an unusual manner.

These Hackathons are unique, not just because they bring thousand of participants from all over the india but beacuse of what they seek to acheive and the rewards on offer .

"Talk is cheap. Show me the code."

Linus Torvalds

Feedback

The event was one of the most wonderful and memorable event to remember. It's mainly because coding continuously for almost the whole day for 24 hours,it was truly an event that we did such continuous and serious work for such a long time and simultaneously learn. It gave us a clear idea of how to code a remove errors. Also we learned some new python libraries.
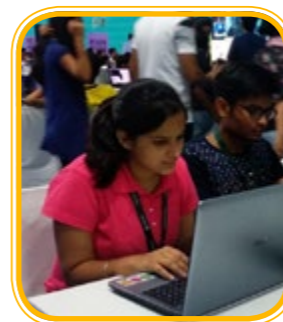
- Shruti Shukla

The digifest was a 3 day extravaganza of fun, learning and innovation. We met new people, learnt new things and experienced a whole new world of digital education. The 24 hours hackathon was an innovative event of programming. We worked on our project which was based on the theme of women safety. Such events are really detrimental in shaping up our education.

-Arusha Jain

It was an astounding experience of taking part in this Hackathon. It was my first Hackathon and I am very thankful to IT Department and all my teachers, who motivate me to take part in such events and helped me a lot whenever I faced some difficulties.The Hackathon gave me an introduction to many new technology that would defintely help me in future.

-Kirtika Arora

Feedback

The Rajsthan Hacakthon was one of the most wonderful and memorable event to remember. It's mainly because coding continuously for almost the whole day for two days in line, it was truly an event that I did such continuous and serious work for such a long time and simultaneously learn. It gave me a clear idea of how to fix bugs, thanks to well organised Rajasthan Hackahton Team. Overall a very wonderful event and nice event for us, as it helped us to learn and also enjoy the company of mentors and seniors.

-Atul Shah

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

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