IT NEWSLETTER

APRIL 2018

Department of Information Technology

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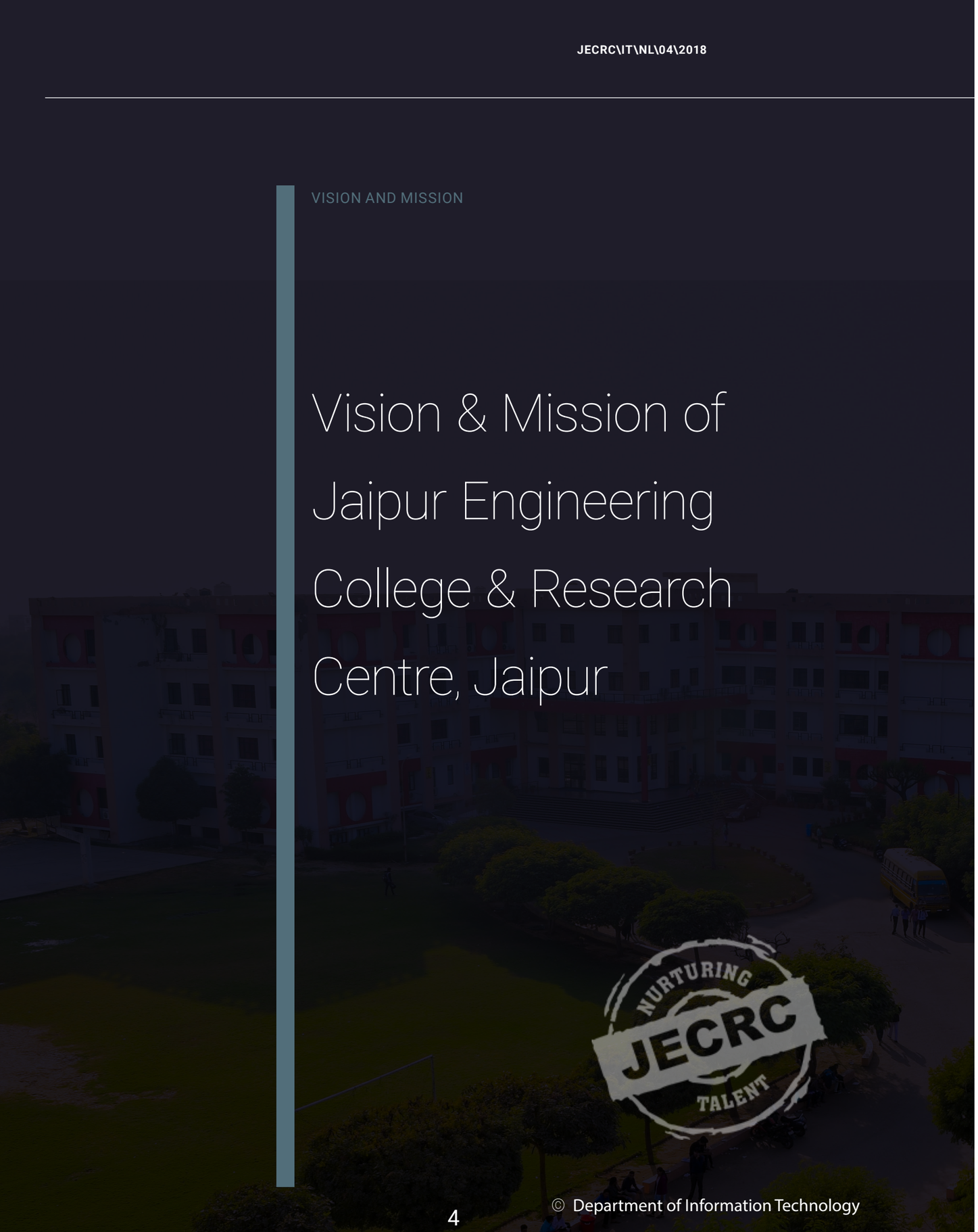
VISION AND MISSION

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



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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.

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Vision & Mission of Department of Information Technology

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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 continuous learning, ethical values & social responsibility.

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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 life

International Conference on Information Technology and Digital Applications (ICITDA-2018)

International Conference on Information Technology and Digital Applications (ICITDA-2018) was organized by Department of Information Technology JECRC Jaipur, in association with Springer Nature- BJIT, IJETAE, IJCEA on 6th-7th April 2018 .

Inaugural session was organized on 6th April, 2018. In session, dignitaries from various institutes were present Prof. (Dr.) Noe. G. Alba-Baena from University of Texas; Shri Gunjan Saxena, General Manager in BSNL, Jaipur; Prof. (Dr.) Deepak Garg from Bennett University; Prof. (Dr.) Rajesh Kumar Tiwar from RVS College of Engg and Technology, Jamshedpur; Prof. (Dr.) Peeyush Chandra Retd. Professor of Mathematics from IIT Kanpur; Prof. (Dr.) Meghanshu Vashista from Department of Mechnical Engg, IIT BHU; Prof. (Dr.) Purshotam Chaturani, Retd. Professor of Mathematics from IIT Bombay. A video talk was also delivered by Prof. (Dr.) Paulo Haufs.

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 are happy and proud to share with you that 313 research papers from various researchers uploaded on easy chair portal for ICITDA-2018, 104 research papers were finally selected after going through 2 levels of peer review process. 80 authors presented their innovative ideas through research paper on 6th - 7th April 2018.

We were also honored to have Prof.(Dr.) Deepak Garg from Benett University Greater Noida, Prof.(Dr.) Rajesh Tiwari from RVS college of engineering and technology Jamshedpur, Prof.(Dr.) Kamal Kant Hiran from Aalborg University Denmark, Prof.(Dr.) Durgesh Kumar Mishra from Sri Aurobindo Institute of Technology Indore, Prof.(Dr.) Rajesh Laskary from Nsearch Global Singapore, Dr. kailash mehaswari from Saudi Electonic University, Riyadh as keynote speakers.

To guide the authors & fertilize the raw brains of young talents with their experience we invited to chair the session Prof.(Dr.) Deepak Garg from Benett University Greater Noida, Prof.(Dr.) Rajesh Tiwari from RVS college of engineering and technology Jamshedpur, Prof.(Dr.) Sandeep Kumar Poonia from Amity University Jaipur, Prof.(Dr.) Naveen Hemarajani from Jecrc University Jaipur, Prof.(Dr.) Deepak Dembla from Jecrc University Jaipur, Prof.(Dr.) Surendra Yadav from Career Point University Jaipur, Prof.(Dr.) Vikas Gupta from VCET Mumbai, Prof.(Dr.) Akash Saxena from Compucom Institute of Information Technology and Management. We were honored to have such eminent personalities as our session chairs. After presentation each author was awarded certificate of participation from our eminent academicians/ session chairs.

We hope that the conference has significantly contributed to the society by serving the engineering community thereby providing innovative results.

JAIPUR ENGINEERING
WELCOMES YOU AT
CONFERENCES @JECRC
April 6-7, 2018

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Model
Binary search
approach
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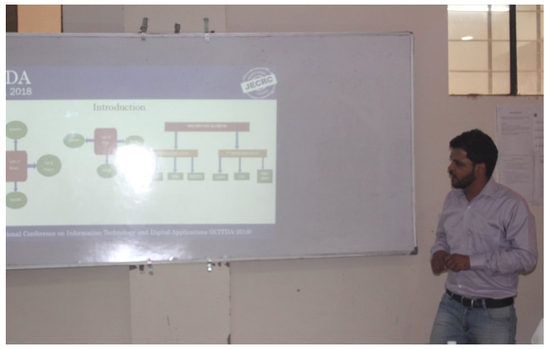
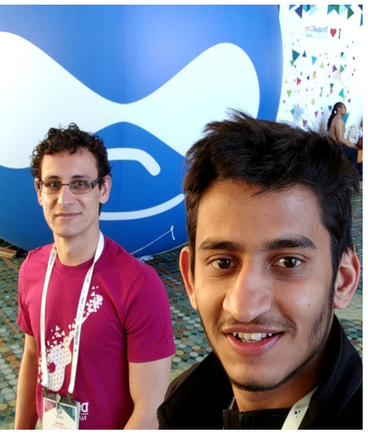
C Foundation


DA
Introduction

JECRC MUN 20
UNHCR
JECRC Foundation
ICITDA - 2018
April 6-7, 2018

JECRC Foundation
proudly organizes
ICITDA - 2018
April 6-7, 20

Drupalcon 2017



Mr. Himanshu Dixit of 3rd year (IT) was invited to speak on his project at Drupalcon 2017. The project that he worked on during last summer is ‘Social API’ which is used by more than 1,00,000 websites.

He talked about his journey and how he implemented the project. He shared the stage with his mentors - Valentin Sanchez and Matthew Lechledier.

The conference was the biggest annual conference in Drupal with the single ticket of event costing 600$. The conference was organised in Nashville on April 9th and10th.

His hotel, travel and food expenses were covered by Drupal.

He said that he was lucky to talk about his project and interact with experts in the same domain during the Drupalcon.

He is currently looking forward to continue his journey by mentoring in Google Summer Of Code.

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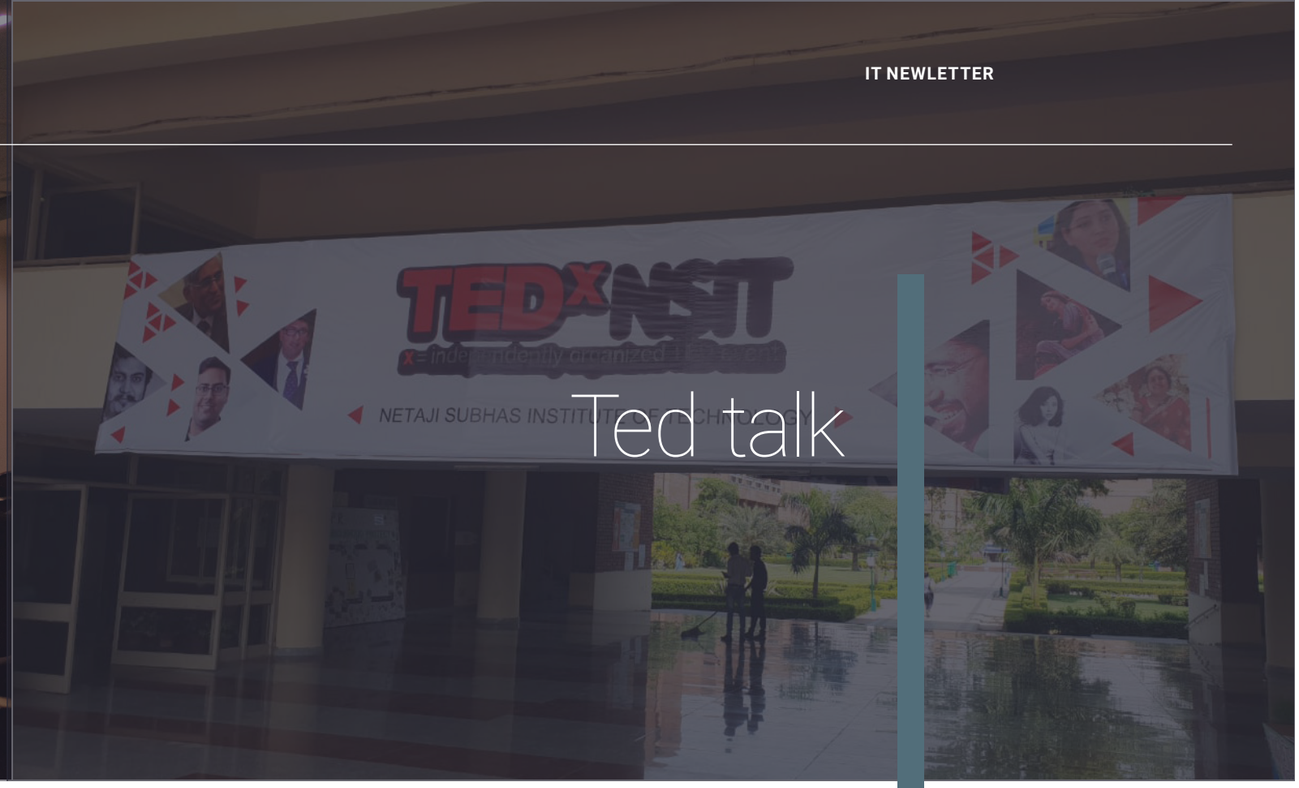

Ted talk

Mr. Shrey Mishra, 2010-JECRC-IT pass out got a chance to deliver his first TEDx Talk and it was about how games can be used to solve real world problems.

His talk covered how technology now enables a lot of game based techniques to make mundane processes more fun, engaging and efficient.

He said that it was a great opportunity to interact with industry leaders and discuss about how ideas shape the world which was also the core theme.

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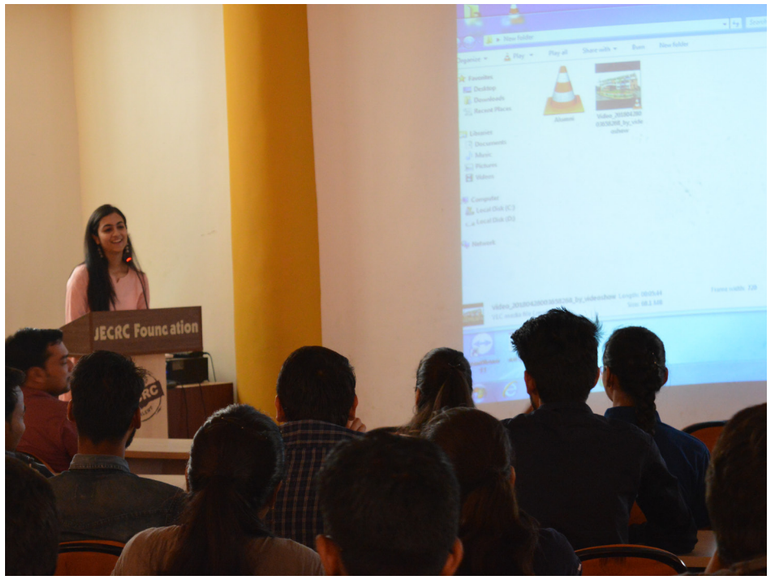
FAREWELL 2K18



They started here together and they are leaving the same way.

The day finally came, when 4th year students had to bid goodbye to the college, to the department and more than anything: to each other. It was “The Farewell” for the class of 2018.

The day began with all the students sitting in the Seminar Hall together for the one last time. A slideshow of all their memories since the last 4 years combined, containing each and every person from the department was enough to bring back all the flashbacks. A combined effort of the juniors was fruitful and they all felt nostalgic.

Then, moving forward were the experiences of last 4 years shared by some of the students, including each and everything be it bunking classes or end moment completion of the assignments. The experiences as narrated were like a time lapse, revisiting each and everything they lived in the past 4 years.

After this, it was the time for memento distribution. Each and every student was presented a memento by the IT Department, with their names on each individual memento. It felt so special to everyone, receiving the memento from their dear teachers who were always there as a constant support throughout and helped them in the best possible way they could.

The session continued by the Alumni videos which highlighted the essence of college life and best wishes for their future.The faculty members then appreciated each and everyone and extended their heartfelt gratitude and warm wishes for the students.

The day ended with a beautiful poem which is as follows:

College the place where it all started.
There would be no classes,
Was just a myth

It was shocking when the reality hit.

Sitting at last skipping the lecture speech,
To calling a friend before exam just to teach.

It all started here.
From regular class to bunk in mass
,
It all started here.
Faculties becoming friends
To friends becoming faculties,
Learning from friends to
Faculties telling you stories.
It all started here.
I came with a aim,
To learn different technologies,
But now when asked to code,
I ask for apologies.
From being strangers to friends,
From a smile to pranks,
From taking suplimentries to leaving copies blank,

From borrowing assignment to saying a thanks.

It all started here.
4 years passed just in a span,
This day would be marked as this journey ends.

From building new hopes , to building it all

Let’s start a new journey to build our careers,

Don’t shed any tears,
Forget all your fears,
As now we’ll be called
Engineers.

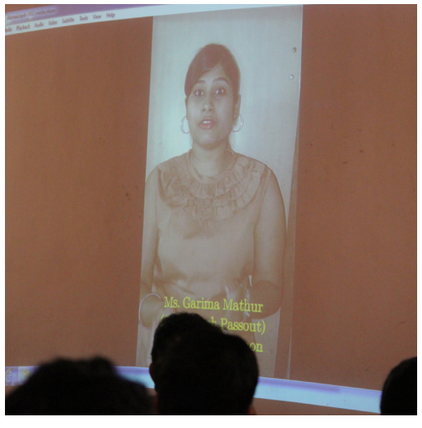
By: Chetan Rajoria

FAREWELL 2K18

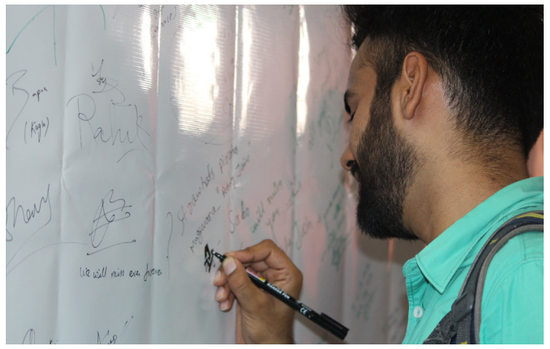
After the Farewell, group photo sessions were there, and the shirt signing where each one of them left a mark of their presence on the shirts and promised to stay in touch.
As they parted, it was an outpour of emotions for the students.

HAPPY BIRTH DAY SIR
Thank You!

Ms. Geeta Jalwani
(2014 Batch Passout)


Ms. Garima Mathur

Mr. Rahul Malhotra
(2010 Batch Passout)
Zalando, Berlin



Mr. Rahul Jain

Batch 2014-18

JECRC WALL

Student Coordinator

Mr. HarshVardhan Binyala
IV Year

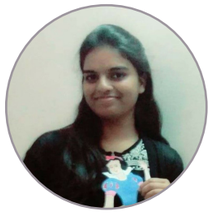
Ms. Divya Asija
IV Year

Mr. Ankitesh Arora
IV Year

Ms. Neha Gupta
III Year

Ms.Ritisha Kothari
II year

Sourabh Agrawal
II Year



Ms. Diksha Lath
II Year

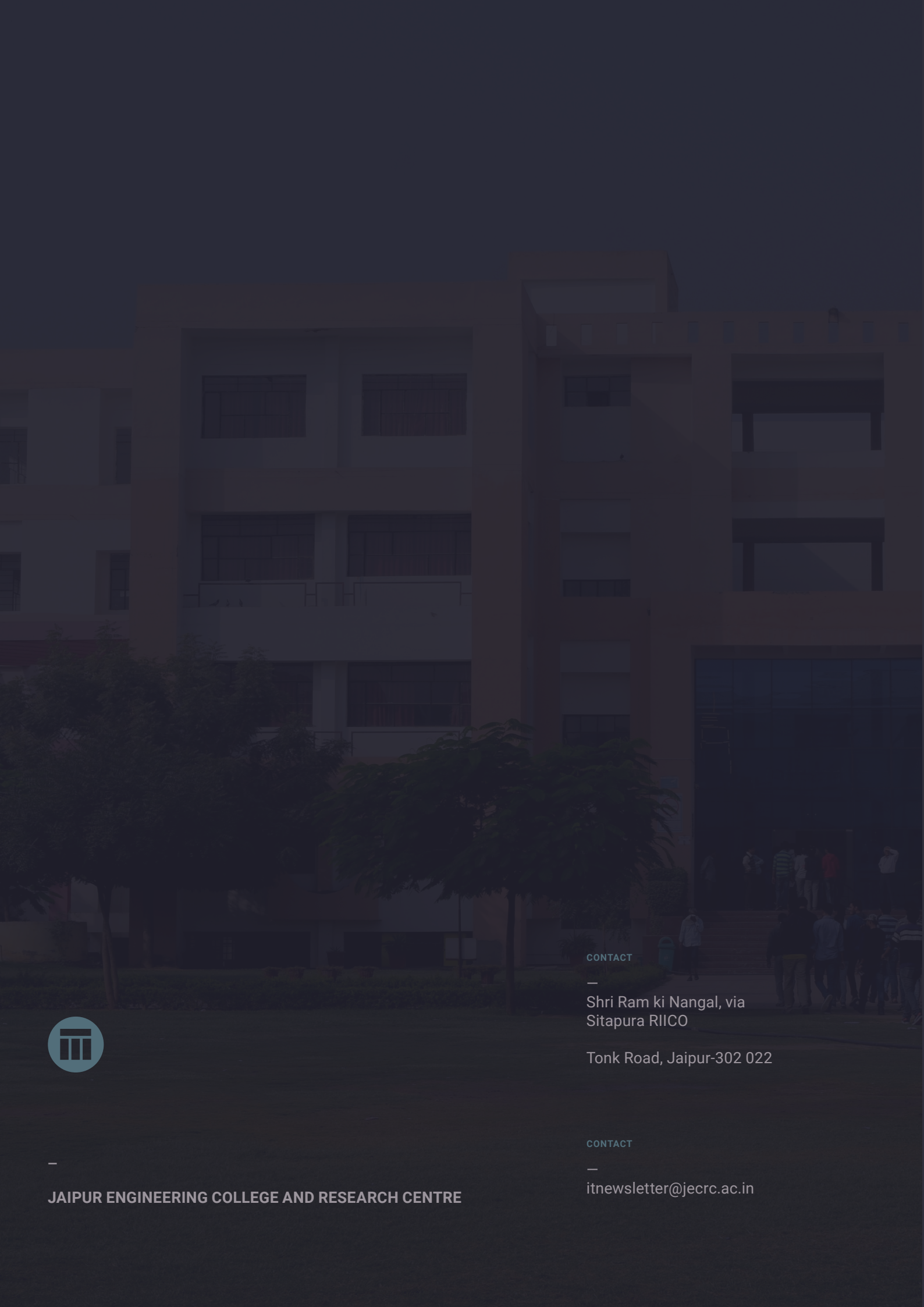
Ms.SIMRAN
II year

Teacher Coordinator

Mr. Piyush Gautam
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



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