



IT NEWSLETTER

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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 interpre-

tation 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

STARTUP MEET



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

Keeping this thought in mind, the alumni of JECRC came to attend its first Alumni start-up meet on 15th Feb, 2018 organised in JECRC college campus.

This Alumni Meet brought a chance for all the alumni to reconnect with their Alma Mater. They relived the carefree days of their college lives as they got a chance to visit all the locations they once frequented.

We were glad to know that we have 90+ start-ups from all the campuses of JECRC and we invited selected 50 start-ups to this exclusive event.

It was the first phase of alumni meet this year and a lot of sessions were organised with the motive of bringing students and alumni together. One of the major take aways of this meet was that our existing students got a chance to hear their success stories and drew some inspiration to become Entrepreneurs instead of looking to be hired.

Students from any class and any course were allowed to attend this wonderful event.

The day was divided into 3 sessions with different motives and ideas. The first session was named "out of the box" and 30 students were allowed to attend this in CP-04. It observed a full participation and all the students got an opportunity to listen to the wonderful views of their seniors.

STARTUP MEET



The second session was named "Innovators" with a capacity of 30 students and was held in the conference hall. This session was all about the innovations done by our alumni and they taught students that how to achieve heights of success.

The third session was organised in IBM lab and its name was "technology hunters". 30 selected students attended this and learnt about the stories of the start-ups started by their successful seniors.

Attendees learnt about the following-

- Networking
- Idea Sharing
- Success stories about their start ups from the Alumni.
- How to turn your idea into a successful start up.
- What are the challenges that one faces and how to overcome that.

The day ended and it was the time to bid good bye to our alumni, everyone wished that as the years pass by and winds of change keep blowing, the Alumni Meet too shall keep evolving with the pace of time, hoping to bring to the alumni and students an experience that they may cherish all their lives.

ZARURAT-CELEBRATING INNOCENCE

Zumba:

To give an enthusiastic start to the event, a Zumba session is organized. An amazing Zumba instructor Ms. Shefali Jain will be conducting aerobics session for the kids which will be a blend of music with exercise.

Prastuti:

An event in which kids from various NGOs will showcase their talent in singing, dancing, skit and fancy dress and will fill the atmosphere with the zeal and charisma.

Jharokha:

Tales have always fascinated the kids. The famous story teller Ms. Shivangi Sharma will be narrating amazing stories to the kids.

Kalakriti - "A Creative Endeavor"

This session is a creative round that provides a platform to the participants to go beyond the ordinary and create their own masterpiece. This session focuses to bring out the artistic creativity of the kids. This year the kids will decorate photo frames which will be displayed in the A-Block to make a photo wall.

Parivartan: Inspired from the "Swachh Bharat Abhiyaan" this session will emphasize on making kids aware of the benefits of clean and hygienic surrounding.

Hungama: Something new in the lives of these kids always make them delighted. Keeping this in mind, we have planned to organize a puppet show for the kids.

ZARURAT-CELEBRATING INNOCENCE



Limca Book of Records' Assembling:

This session will include a record building where 25000 origami flowers will be assembled to make the biggest origami flower basket.

Bal Mahotsav: This session is for the kids to enjoy the fun and frolic of childhood. There are stalls and games of various kinds for the children. The sole purpose is to make the kids enjoy the brighter colors of the life.

Parting goodies:

The whole day event will come to an end with distribution of goodie bags and flying of gas balloons. The kids part their ways carrying a big bright smile on their faces and their eyes promising to meet again next year.



ANDROID APP

Students of JECRC Foundation recently made an android app 'RAIL HEALTH KOTA' for Middle West Railways.

It was launched by the General Manager of Jabalpur Zone – Girish Pillai. It is the first app of medical services in Indian Railways.

Trains passing through the Kota region will now be able to provide emergency medical services to the passengers. By using the 'Emergency' button provided in the app, passengers will be able to get medical services on the next station.

Sumit Mittal, Pankaj Maheshwari and Diksha Lath of JECRC Foundation made this app. It will also be launched in Bhopal and Jabalpur zone once it gets successful. More options like PNR, Ticket Number and Class will also be provided in the future.



MBA SESSIONS

A session on pursuing MBA as a career option after B.tech was held by Panacea Institute for Excellence on February 21, 2018.

Students of 4th and 6th semester of IT Branch attended the session.

The session began with a simple question on "What is MBA".

Afterwards, it proceeded with the lifestyle in B-schools, the rigorous training given and how much broader the opportunities become after pursuing MBA.

Students were also told about the streams in this course and the best institutes in India to pursue MBA. They were also told about the various examinations to get into the best management institutes. At last, students were provided with brochures of their institute.

The interaction program was enjoyed by all the students.

SOCH- KUCH KAR DIKHANE KI



SOCH an acronym for the social welfare, after organising 'VASTRA SAMMAN' and 'SWACCH JECRC' successfully moved towards their next event 'OCIP' (ORPHANAGE CHILDREN INTERACTIVE PROGRAM) in JECRC Foundation, Jaipur.

OCIP is an event where the team SOCH spends a full day with the orphanage children and conduct various activities like playing, dancing and have lots of fun together. The objective of this event is to inculcate some sense of social responsibility and have perception for the talented but underprivileged ones. There is a sense of happiness in everyone who serve those children and a connection between the two sides brings up the best of humanity.

SETTING UP FOR OCIP



The preparation went on for a month before the event to outflow any challenges and making the event a big success. The plan was set out and everyone started working. Creation cell made the posters, artifacts for the event and to maintain the decorum of the stage and event was all up to them. Promotion team promoted the event to the fullest and collected donation for the event. The content writers covered up their part and made out the itinerary for the event as well as the contents for the day and posts. This time SOCH invited 'SHREE SUKH SEVA SANSTHAN' and 'ASHARYA CARE' orphanages to become a part of this event.



THE EVENT DAY

Finally the day came, 12th February 2018 which was thrilled with the preconceived thoughts of enjoyment, members of SOCH started preparing early in the morning for the event .

Finally the children arrived, they were served breakfast and were accompanied to GH lawn where they were heartily welcomed. A lot of performances were organised for the children. A play area was created for a session of playing and enjoying.

HIGHLIGHTS OF EVENT

After having a healthy and yummy lunch an open painting competition was organised to bring out the hidden talents and to let their imaginations flow through their brushes and crayons. They were given colours and sheets and the winners were awarded with goodies.

Then came the most interesting part, dancing and singing performances by the children and college students.

The children came up and took up the stage to show their talents. They all performed very well and some of them were awarded with prizes. College students gave their performances which were extremely mesmerising for the gathering. A complete fun dance session was organised where everybody moved on the beats. It was finally the time for band performance and it rocked the stage, everyone was amazed by their performance. The children were given goodies and gifts. Everyone had an inner satisfaction and happiness to see real smiles on those cute faces.



Microsoft Imagine Cup



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

Bill Gates

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JECRC always try to take educational initiative for the benefits of the students so this is one of them.

This event is organized to spread awareness towards Microsoft Imagine Cup and Microsoft Azure Cloud, completely driven by Microsoft Professionals.

It was conducted by Venkatesh Sarvasiddhi And Vibhor Shrivastava.

There was also a hand-on-session on Microsoft Azure.



Imagine Cup is considered as “Olympics of Technology” by computer science and engineering and is considered one of the top competitions and awards related to technology and software design. All Imagine Cup competitors create projects that address the Imagine Cup theme: “Imagine a world where technology helps solve the toughest problems.

It is a global competition that empowers the next generation of computer science students to team up and use their creativity, passion, and knowledge of technology to create applications that shape how we live, work and play. Every year tens of thousands of students from across the globe compete for cash, travel, and prizes and for the honor of taking home the Imagine Cup!

It is hosted by Microsoft Corp, which brings together student developers to help resolve some of the world's toughest challenges

The program concluded with the distribution of sweets.



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The advance of technology is based on making it fit in so that you don't really even notice it, so it's part of everyday life.

Bill Gates

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Aashayein

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"Blood Donation Will Cost You Nothing But It Will Save A Life!" "If You're A Blood Donor, You're A Hero To Someone, Somewhere, Who Received Your Gracious Gift Of Life." "A Life May Depend On A Gesture From You, A Bottle Of Blood." "The Finest Gesture One Can Make Is To Save Life By Donating Blood"

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Aashayein - The Life Saviours, an aristocratic student initiative of JECRC consistently working to fulfill the growing demands of fresh SDP's . Cherishing and celebrating all our SDP donors and female blood donors, team Aashayein organized Felicitation ceremony at JECRC Foundation campus on 21st February, 2018. Dr. Samit Sharma, Director, Social Justice and Empowerment, Rajasthan and Sh. Girish Sharma, Asian Paralympics gold medallist 2008 ignited the event as the guests of honour.

The ceremony initiated with the lightening of lamp in reverence of goddess Saraswati, symbolising the enlightenment in darkness and was illuminated with the benign presence of Sh. Amit Agrawal, Vice Chairman, JECRC Foundation, Sh. O.P. Jain, Senior Advisor, JECRC, Sh. Manish Jain, Dy. Director, Special Projects, JECRC and various other dignitaries.



A deep emotion reflected in everyone's eyes when beneficiaries shared their heartfelt experiences. More than 150 SDP donors and around 60 female donors were felicitated by esteemed guests and dignitaries. Dr. Samit Sharma motivated the budding minds for keeping up this incentive of contributing to the society. Sh. Girish Sharma induced young donors to keep up their positive spirits and not let any difficulties or disabilities weigh oneself down. The ceremony culminated with a vote of thanks from Sh. Kuldeep Sharma, Faculty Coordinator, Aashayein-The Life Saviours and the vow to continue this humanitarian service to aid the society.

»

A life may depend on a gesture from you, a bottle of Blood.

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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



Ms. Diksha Lath
II Year



Ms. SIMRAN
II year

Teacher Coordinator



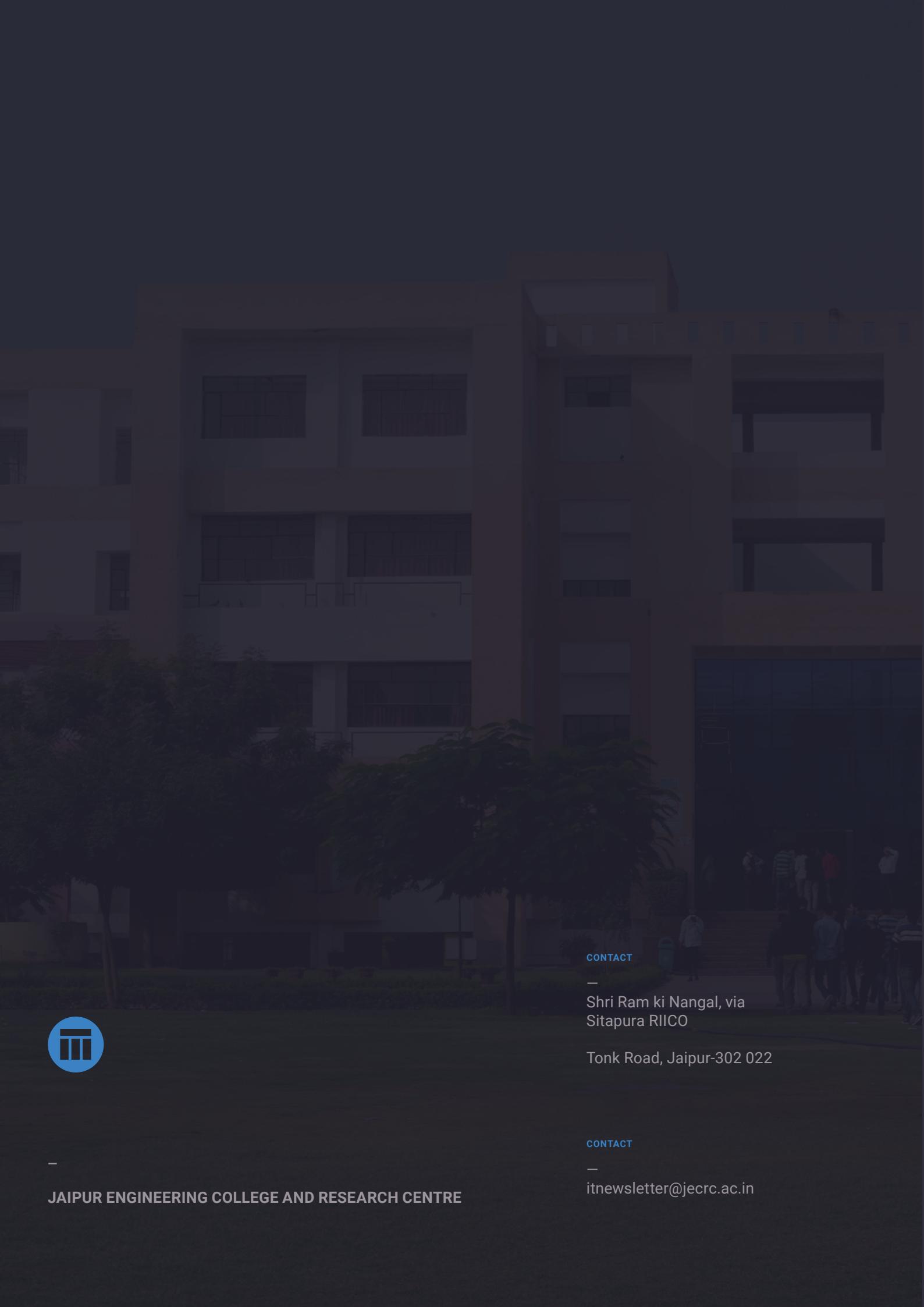
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Ms. Shweta Saxena
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