



# **Dr S.C. Gulhane Prerna College of Commerce, Science and Arts**

Run by Prerna Sewa Mandal  
Reshimbag Square, Nagpur-24

Govt Recognized and Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University  
NAAC (UGC) ACCREDITED INSTITUTION 'B' GRADE (CGPA-2.32)

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## **Report on**

## **An Industrial Tour to Rajasthan Centre for Advanced Technology (R-Cat) at Jaipur, Rajasthan**

**Organiser: Dr S. C. Gulhane Prerna College of Commerce, Science & Arts, Nagpur**

**Coordinators: Dr Sonika Mishra, Dr Bharti Deshmukh & Mr. Rahul Shriwas**

**Duration: 4<sup>th</sup> March 2025 to 8<sup>th</sup> March 2025**

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### **Objectives**

- Industrial visits contribute a lot in holistic student development by letting students learn about the current trends in the market, the future scenario of the industry and the new technologies that are being applied in the industry.
- To provide the students with an opportunity to learn practically through interaction, working methods and employment practices.
- To give the student an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.
- To groom students with essential knowledge of various Software, Hardware and Hybrid Technologies and exposure to the real work to encourage leadership and teamwork skills.
- To showcase the rich heritage and culture, customs, and traditions.

### **Highlights**

- **Dr S. C. Gulhane Prerna College of Commerce, Science & Arts, Nagpur** organized an enlightening industrial tour for its students from **4<sup>th</sup> March 2025 to 8<sup>th</sup> March 2025**.

#### **DAY 1 - DATE: 4<sup>th</sup> March, 2025**

- The students along with their teachers started the journey from Nagpur Railway Station to Agra Railway Station by Gondwana express at 12:40 pm.

#### **DAY 2 - DATE: 5<sup>th</sup> March, 2025**

- All reached Agra Railway Station at around 2:50 am and headed to the hotel Deluxe Inn. Then rested and had breakfast. Then left for sight-seeing where all visited one of



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mausoleum of white marble, built in Agra between 1631 and 1648 by order of the Mughal emperor Shah Jahan in memory of his favourite wife, the Taj Mahal is the jewel of Muslim art in India and one of the universally admired masterpieces of the world's heritage. Agra Fort is a historical fort in the city of Agra in India. It was the main residence of the emperors of the Mughal Dynasty till 1638, when the capital was shifted from Agra to Delhi. It is also known as the Red Fort of Agra.

- After that the journey headed at 4:30 pm to JAIPUR by Bus. All reached Jaipur at 10:30 pm and headed to the hotel Cosmos where all had their dinner.

### **DAY 3 - DATE: 6<sup>th</sup> March, 2025**

- The students visited to the Rajasthan Centre of Advanced Technology (R-CAT) on 6<sup>th</sup> March 2025. This visit was aimed towards helping students get a better understanding of the state-of-the-art technological advancements that are shaping the tech industry.
- R-CAT has been established by the Government of Rajasthan to enhance the competency, employability as well as mobility among students along with the professionals of various industries including engineering, science, as well as technology.
- This initiative was an excellent opportunity for the students of the College to understand the various aspects of technology, robotics, artificial intelligence, as well as machine learning.
- The students were provided with valuable insights into the practical applications of the outstanding technologies while understanding their applications into real world scenarios.
- This educational session was led by professional trainers who helped the students explore the intricacies of robotics, artificial intelligence, as well as machine learning through working models. This experience enriched the minds of students and offered them a glimpse of a future driven by technology.
- After the industrial visit, first sightseeing was to AMER PALACE at 12:00 noon. AMER FORT is a fort located in AMER, RAJASTHAN, INDIA. It is the principal tourist attraction in JAIPUR. The town of AMER was originally built by MEENAS, and later it was ruled by RAJA MAN SINGH I. AMER FORT is known for its artistic style elements. With its large ramparts and series of gates and cobbled paths, the fort overlooks MAOTA LAKE, which is the main source of water for the AMER PALACE.
- Next was JAL MAHAL at 3:00 pm. JAL MAHAL is a huge palace in the middle of the lake. The palace was renovated and enlarged by MAHARAJA JAI SINGH II. JAL MAHAL is considered as one of the finest examples of RAJPUTANA legacy. Boats are available on the bank of MAN SAGAR LAKE to reach JAL MAHAL. Also known as WATER PALACE. It is a five-storey palace, with the first four floors being submerged under water.





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- JANTAR MANTAR at 4:00 am. JANTAR MANTAR monument in JAIPUR, RAJASTHAN is a collection of 19 ARCHITECTURAL ASTRONOMICAL instruments and features the World's largest stone Sundial. It is a UNESCO World Heritage site and is located near CITY PALACE and HAWA MAHAL. The instruments allow the observation of ASTRONOMICAL positions with the naked eye. The monument expresses ARCHITECTURAL innovations, as well as the coming together of ideas from different religious and social beliefs in 18th century in INDIA. It was built by SAWAI JAI SINGH II in 1734.
- After that all visited BIRLA TEMPLE. BIRLA MANDIR, is a HINDU TEMPLE located in JAIPUR, INDIA and is part of one of the several BIRLA MANDIR'S located all around the country. The grand Temple is located on an elevated ground at the base of MOTI DUNGARI HILL in RAJASTHAN. The Temple is also called as the LAXMI NARAYAN TEMPLE.

### DAY 4 - DATE: 7<sup>th</sup> March, 2025

- First sightseeing was to Patrika Gate at 11:00 am. The most colourful door in India, Patrika Gate greets both passing cars and passersby from Jawahar Circle in Jaipur. Built in 2016, the Gate contains a colourful cacophony of hues depicting the history of Jaipur, India's famed Pink City.
- Second sightseeing was to HAWA MAHAL at 12:20 pm. Also known as "WIND PALACE" or "QUEEN'S PALACE", which is located in the heart of the bustling city of JAIPUR, it is one of the prominent historical landmarks in INDIA that reveal a rich CULTURE and ARCHITECTURAL HERITAGE with a fusion of RAJASTHANI style of ARCHITECTURE and the ISLAMIC MUGHAL ARCHITECTURE. It is built in the 18th century by MAHARAJA SAWAI PRATAP SINGH in 1799. It is an excellent work of red and pink sandstone. It is a five-storey building without foundation. It has 953 small windows (known as "JHAROKAAS") for the women of the royal household who could observe street festivities while unseen from the outside. All the five stories or levels have unique names-SARAT MANDIR, RATAN MANDIR, VICHITRA MANDIR, PRAKASH MANDIR and HAWA MANDIR. The colour used for decoration is pure VEGETABLE colour. Ramp is provided for easy movement of the royal women from one floor to another because their dresses were quite heavy.
- Students visited the Bapu Market. The Bapu Bazar is a one stop destination for shopping accessories to shoes to handlooms to artificial jewellery to brass works and precious stones, cloths and many more.
- Then all the students along with their faculty members left towards the Jaipur Railway station and left for Nagpur by Jaipur-Nagpur Superfast Express at 5:40 pm.

### DAY 5 - DATE: 8<sup>th</sup> March, 2025

- All reached at 4: 30 pm at Nagpur railway station.





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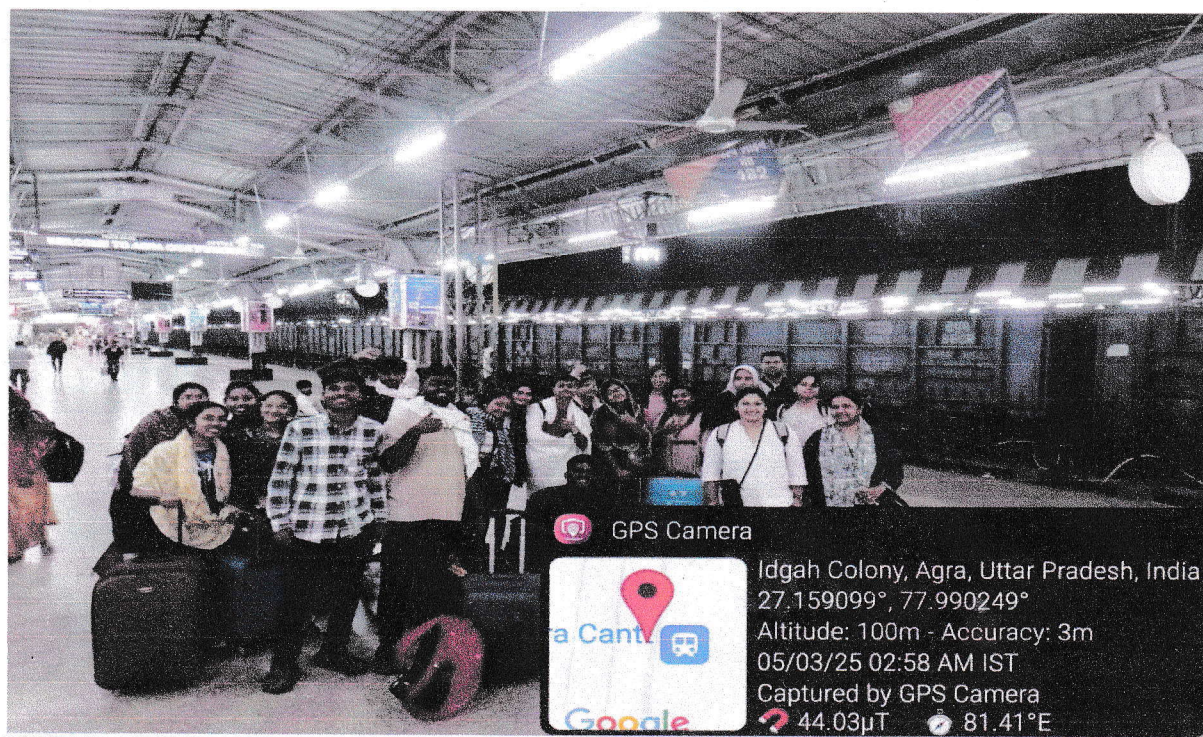
### Outcomes

- This Industrial visit resulted in encouraging and supporting the students in better understanding of the respective technological works.
- The students got a chance to know about the spirit and importance of teamwork.
- Experiences of such visits are invaluable for enhancing a student understanding for the real time work execution.
- This initiative by the College reaffirmed their commitment to nurturing their students who are industry ready and equipped with the right practical knowledge.
- Students were very much satisfied by the Industrial tour and enjoyed a lot.

**Total No. of Students: 49**

**Faculty Coordinators: Dr Sonika Mishra, Dr Bharti Deshmukh & Mr. Rahul Shriwas**

### GLIMPSES OF THE TOUR



*Dr S.C. Gulhane*

**Program Coordinator**  
Dr. S. C. Gulhane Prerna College of  
Commerce, Science & Art's, Nagpur.





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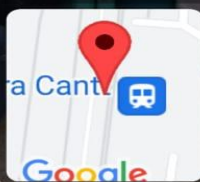
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## GLIMPSES OF THE TOUR



GPS Camera



Idgah Colony, Agra, Uttar Pradesh, India

27.159099°, 77.990249°

Altitude: 100m - Accuracy: 3m

05/03/25 02:58 AM IST

Captured by GPS Camera

44.03μT 81.41°E



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