Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Department of Computer Science

A) A Summary Report of the Activity

1) Title of the Programme:	The Fusion Journey Tech & Culture @ 2025		
2) Name of Organizing Department/Unit:	Department of Computer Science, Latur		
3) Name of the Coordinator(s)/ Convener(s)/ Organizer(s) of the Program:	Coordinator: Dr. Renuka R. Londhe		
4) Date(s) of the Programme:	11 Feb 2025 to 15 Feb 2025		
5) Venue	Bengaluru & Mysuru		
6) Target Group:	UG & PG academic Students		
7) Number of participants:	Male	Female	Total
A separate list with signatures be maintained in the department/Unit) Teaching Staff	01	02	03
Non-Teaching Staff	--	--	--
Students	10	37	47
8) Name(s) and details of Resource Person(s)/Judges, if any:	----		
9) Total Expenditure for the Programme:	7700 / Student		
10) Source of Funding:	From Students		

B) Report

i. Title: The Fusion Journey: Tech & Culture @ 2025

ii. Introduction

The Department of Computer Science organized an industrial visit titled "The Fusion Journey: Tech & Culture @ 2025" from 11th to 15th February 2025, covering Bengaluru and Mysuru in the state of Karnataka. The visit was arranged for students of B.Voc. Computer Technology (FY, SY & TY), B.Sc. Computer Science (FY, SY & TY), and M.Sc. Computer Science (FY & SY). A total of 47 students, accompanied by 3 faculty members, participated in the tour.

iii. Objectives of the Competition / issues addressed:

- **Industry Exposure:** Gain insights into the real-world applications of computer science through visits to leading tech companies and startups in Bengaluru.
- **Practical Learning:** Observe live demonstrations of cutting-edge technologies and software development processes, enhancing practical knowledge.
- **Cultural Exchange:** Experience the rich cultural heritage of Mysuru, understanding the blend of technology and tradition in the region.
- **Career Guidance:** Receive guidance and advice on career paths and opportunities in the field of computer science from professionals.
- **Team Building:** Foster teamwork and collaboration among students through group activities and shared experiences during the tour.
- **Academic Enrichment:** Complement classroom learning with real-world experiences, bridging the gap between theory and practice.

iv. Details of Participants: A total of 47 undergraduate and postgraduate students (10 male and 37 female) from the Department of Computer Science, RSM Latur (Autonomous) participated.

v. Brief Summary of Events/ Sessions:

Day 1:
We began our journey from the college campus by bus, heading to Latur Road Railway Junction to board the *KSR Bengaluru Express* at 10:25 AM on 11th February 2025.

Day 2:
We arrived at KSR Bengaluru Railway Station early on 12th February 2025 at 04:10 AM. A bus arranged by the organizer took us to **Hotel Banglore Gate**, where we checked in, freshened up, and got ready to explore the day's itinerary.

We kickstarted the day with a delicious breakfast at the hotel and proceeded to the **ISKCON Temple**, Bengaluru. The temple houses deities such as Radha-Krishna, Krishna-Balarama, Chaitanya Mahaprabhu & Nithyananda Prabhu, Prahlada Narasimha, Srila Prabhupada, and Srinivasa Govinda.

Next, we visited **Vidhana Soudha**, the state legislature of Karnataka. It's a majestic Neo-Dravidian style building renowned for its architecture and recognized as the largest legislative building in India.

We then headed to the **Visvesvaraya Industrial and Technological Museum (VITM)**. Students explored interactive scientific exhibits such as the Dinosaur Enclave, Engine Hall, ElectroTechnic Gallery, and the BEL Hall of Electronics.

After lunch, we visited **Chikballapur**, a scenic district around 60 km from Bengaluru, known for its natural beauty and historical significance. The highlight was the **Adiyogi Shiva Statue**, inspired by the iconic Isha Foundation monument, along with an impressive laser show. We had dinner on the way back and returned to the hotel to rest.

Day 3:

On **13th February 2025**, we departed early for **Mysuru** and checked in at **Hotel Quorum Mysuru** upon arrival. After breakfast, we visited the renowned **Sri Chamarajendra Zoological Gardens**, popularly known as **Mysore Zoo**. Established in 1892, it is one of India's oldest and best-maintained zoos. Students enjoyed observing a wide variety of wildlife including colorful birds, lions, leopards, tigers, rhinoceros, elephants, zebras, deer, yaks, giraffes, and snakes such as cobras and anacondas.

Next, we explored the majestic **St. Philomena's Church**, also known as **St. Joseph's Cathedral**. Built in 1936 in Neo-Gothic style and inspired by the Cologne Cathedral in Germany, its twin spires rise to 175 feet, making it one of Asia's tallest churches. The cathedral is dedicated to **St. Philomena**, a young Greek princess and Catholic martyr. Inside, stained-glass windows depict scenes from the life of Christ, and a crypt beneath the altar houses the saint's relic. The serene ambiance and architectural grandeur offered a peaceful interlude in our itinerary.

After lunch at the hotel, we visited the iconic **Mysore Palace**, a magnificent royal residence in the heart of the city. Following a lively photo session, we proceeded to the **Brindavan Gardens**, located beside the **Krishna Raja Sagara (KRS) Dam** on the **Cauvery River**, where students enjoyed the captivating **musical fountain show**. After a fulfilling day of exploration and cultural immersion, we returned to the hotel for dinner and rest, ready for the adventures ahead.

Day 4:

On **14th February 2025**, the day began early at **4:00 AM** with a visit to the **Sri Chamundeshwari Temple**, located approximately 13 km from Mysuru. After offering prayers to the goddess and having breakfast en route, we proceeded to **Bengaluru**, reaching by **1:30 PM**.

Our first stop was the **Supercomputer Education and Research Centre (SERC)** at **IISc**, where we visited the lab housing **PARAM Pravega**, a high-performance supercomputer developed and maintained by **C-DAC**. After completing formalities, students were divided into two batches of 23 and 24.

- **Batch 1** explored the physical infrastructure of PARAM Pravega.
- **Batch 2** learned about the **SLURM** job submission system (Simple Linux Utility for Resource Management).

We discovered that **PARAM Pravega** comprises **624 nodes**, each running **Ubuntu Linux OS** in a parallel environment. Each node features **2 CPUs with 24 cores**, offering immense computational capability. The nodes are categorized as follows:

- **Master Nodes**: Admin-controlled job scheduling via SLURM
- **Login Nodes**: User access interface

- **Compute Nodes**: Execute user jobs
- **Storage Nodes**: Manage I/O and simulation data

All nodes are **liquid-cooled**, and the facility is **air-conditioned** to ensure optimal performance. SLURM dynamically assigns tasks to idle nodes based on core requirements. Each registered user receives **10TB of storage** for simulations and data processing. Students actively participated in the Q&A session and concluded the visit with a photo session around the prestigious **IISc campus**.

Next, we visited the **U. R. Rao Satellite Centre (ISRO)**, Bengaluru — a major highlight of the tour. After completing documentation and receiving entry passes, we were granted access for an hour. Students witnessed a **remote sensing satellite demonstration** using a **sand simulation model**, illustrating applications in **agriculture** and **disaster management**. We also received insights into **communication satellites** and **Gaganyaan**, India's ambitious human spaceflight mission. A simulated model showcased satellite behavior in space, followed by a display of **satellite spare parts**. A presentation and video featuring the **Vikram lander** and **Pragyan rover** from the **Chandrayaan Mission** captivated the audience.

After a group photo outside the center, we proceeded directly to **Yeshwantpur Junction** to board the train back to **Latur**, concluding a day filled with learning and inspiration.

Day 5:

We arrived at Latur Junction at 10:30 AM on 15 February 2025, carrying with us all the memories and experiences from the mesmerizing tour —"The Fusion Journey: Tech & Culture @ 2025." Everyone dispersed safely to their homes, hearts full and minds enriched.

vi. Conclusion with feedback on the Programme:

The Fusion Journey: Tech & Culture @ 2025 was more than just a tour—it was a transformative experience that blended scientific exploration with cultural immersion. From the spiritual serenity of ISKCON Temple and Chamundeshwari Temple to the architectural marvels of Vidhana Soudha and Mysore Palace, students witnessed the rich heritage of Karnataka. Equally inspiring were the visits to cutting-edge institutions like IISc's Supercomputer Centre and ISRO's U. R. Rao Satellite Centre, where future technologies and space missions came to life before our eyes. Each day offered a unique blend of learning, adventure, and camaraderie, leaving students not only informed but also inspired. The hands-on demonstrations, interactive exhibits, and engaging presentations sparked curiosity and deepened appreciation for India's scientific achievements and cultural legacy. As we returned to Latur, we carried with us not just souvenirs and photographs, but a treasure trove of memories, knowledge, and friendships. The journey truly lived up to its name—a fusion of technology and culture—and will remain etched in our hearts for years to come.

vii. Any Appendix if Necessary: List of participants attached

Date: 18. 02.2025

HoD

Head
Dept. of Computer Science
Rajarshi Shahu Mahavidyalaya, Latur

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
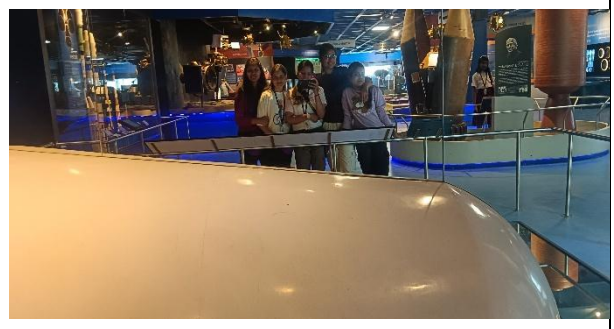(Autonomous)

C) Photographs:

Parents Gathered at the RSM Campus to See Off Their Wards Departing for the Industrial Tour to Bengaluru and Mysuru

Excitement Builds at Latur Road Junction as Students Wait for the Bengaluru-Train

Students Touring Vidhana Soudha, the Legislative Landmark of Karnataka

Students Discover Space Wonders at VITM's Astronaut Gallery

From Soil to Sprout: Machines and Water Systems Driving Agriculture

When Lasers Dance with Shiva – A Night to Remember

Glimpses at St. Philomena's Church, Mysuru

A royal gathering in the heart of history, Mysore Palace.

Royal Moments at Mysore Palace

A divine welcome at Chamundi Hill
with Mahishasura watching over

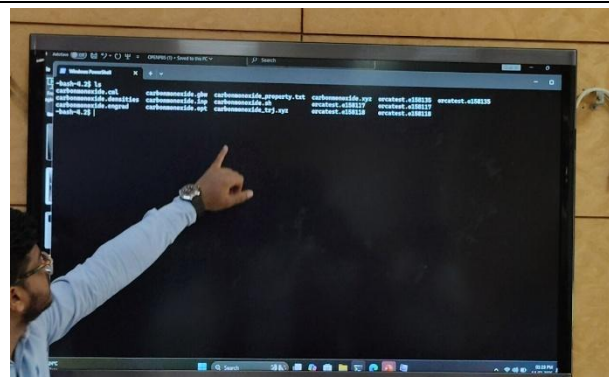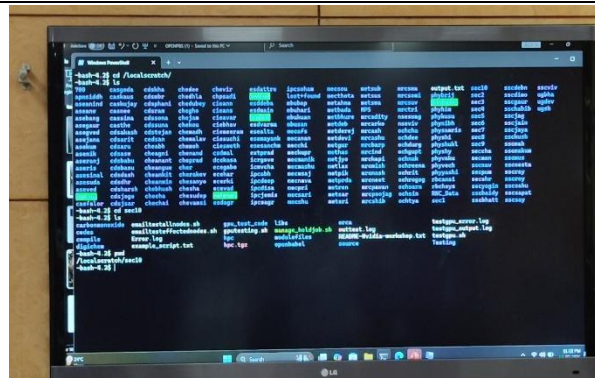At the gateway of legends — Chamundeshwari Temple entrance
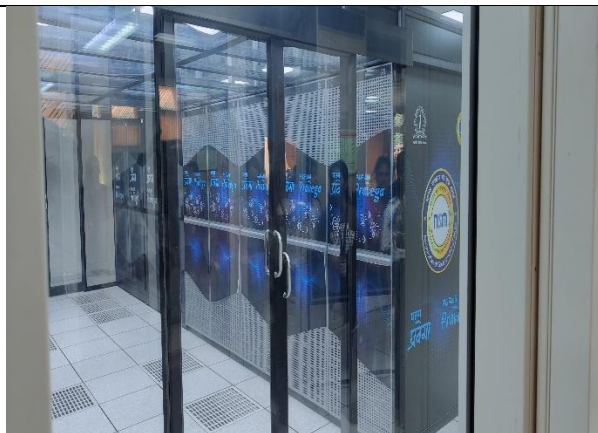
Built in India, Built for the Future –
Param Pravega at IISc

Standing Tall with Technology – United in
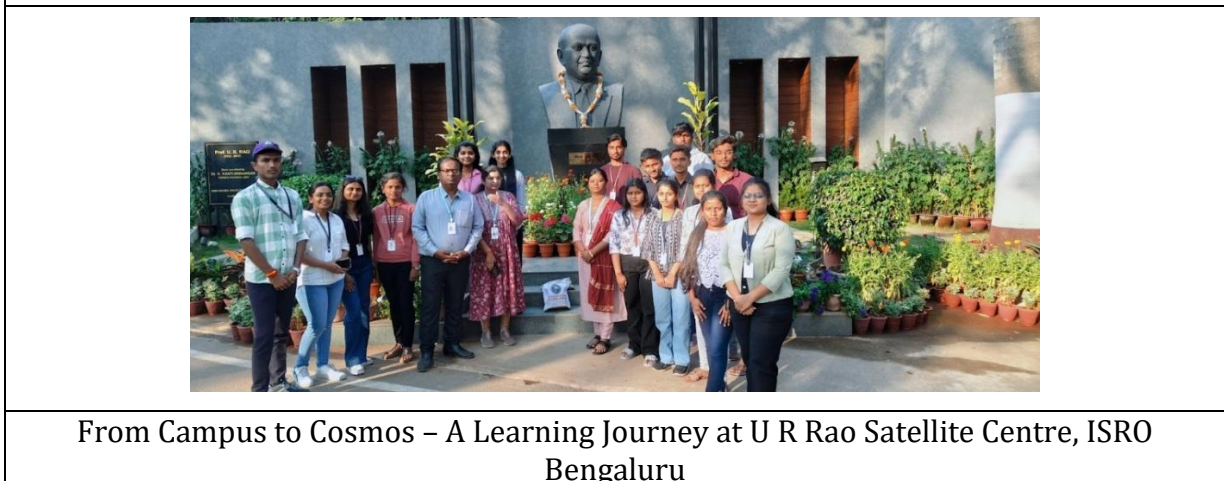Front of India's Supercomputing
Powerhouse

Learning Beyond Limits – Students at SERC, IISc Bengaluru

Behind the Scenes of PARAM Pravega: SLURM Job Script Dem

Learning Among Giants – A Moment in the Premises of SERC, IISc Bengaluru

From Campus to Cosmos – A Learning Journey at U R Rao Satellite Centre, ISRO Bengaluru

D) Brochure of the Tour

Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

An Initiative of the

Department of Computer Science

(B.Voc CT, B.Sc., M.Sc. CS)

The Fusion Journey : Tech & Culture @ 2025

Places · Bangalore & Mysore

(Date : 11-02-2025 to 15-02-2025)

Driven by the Progressive Vision of

Chief Organizer
Dr Mahadev Gavhane
Principal

Organizer
Dr Renuka R Londhe
HoD, Computer Science

HoD

Head
Dept. of Computer Science
Rajarshi Shahu Mahavidyalaya, Latur

Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Shiv Chhatrapati Shikshan Sanstha's

RAJARSHI SHAHU MAHAVIDYALAYA, LATUR (AUTONOMOUS)

Department Of Computer Science

The Fusion Journey: Tech & Culture @ 2025

Faculty-wise Student Attendance

Sr. No	Name Of Cadidate	Class	Mob No.	11 Feb 2025	12 Feb 2025	13 Feb 2025	14 Feb 025	15 Feb 2025
1	Dr. Renuka R Londhe	HoD	9545226333					
2	Sakshi Chotwe	B Sc TY	7666026250					
3	Vaishnavi Darade	B Sc TY	9527876940					
4	Pranita Tambolkar	B Sc TY	9356158204					
5	Shruti Painapalle	B Sc TY	7385891919					
6	Muskan Shaikh	B Sc TY	9175960686					
7	Pratiksha Autade	B Sc TY (Phy)	9699183451					
8	Trupti Jadhav	B Sc TY (Phy)	8669131218					
9	Anjali Pitale	B Sc SY	8010367588					
10	Anjali Swami	B Sc SY	9272058463					
11	Anikita Zunjare	B Sc SY	9356520017					
12	Siddhi Shinde	B Sc FY	9146883531					
13	Aarya Patil	B Sc FY	8788165855					

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Sr. No	Name Of Cadidate	Class	Mob No.	11 Feb 2025	12 Feb 2025	13 Feb 2025	14 Feb 025	15 Feb 2025
14	Mr. Shinde Arun S	Staff	9890186417					
15	Amit Sasane	B Voc CT FY	8830760737					
16	Tukaram Ratnaparkhe	B Voc CT FY	9529934534					
17	Aashutosh Aaglave	B Sc TY	7620376024					
18	Shubhan Dapkar	B Sc TY	9758094444					
19	Pratiksha Dhumale	M Sc CS SY	9604020873					
20	Sanika Sangle	M Sc CS SY	9022623842					
21	Ashish Kawadgawe	M Sc CS SY	8669379208					
22	Abhishek Bajulge	M Sc CS SY	8055808794					
23	Sumit Kolpe	M Sc CS SY	9359564280					
24	Nikita Jogi	B Sc SY	8624865120					
25	Rajjak Shaikh	B Sc SY	8767562165					
26	Shrawani Shendge	B Sc SY	7767903564					

RAJARSHI SHAHU MAHAVIDYALAYA, LATUR (AUTONOMOUS)
Department Of Computer Science
The Fusion Journey: Tech & Culture @ 2025
Faculty-wise Student Attendance

Sr. No	Name Of Cadidate	Class	Mob No.	11 Feb 2025	12 Feb 2025	13 Feb 2025	14 Feb 025	15 Feb 2025
27	Junaid Shaikh	B Sc SY	7020070702					
28	Priyanka Shinde	B Voc CT SY	8788925981					
29	Sneha Bikkad	B Voc CT SY	9011942140					
30	Divya Bhosle	B Voc CT SY	8793576506					
31	Riya Bisen	B Voc CT SY	9067759241					

RAJARSHI SHAHU MAHAVIDYALAYA, LATUR (AUTONOMOUS)

Department Of Computer Science

The Fusion Journey: Tech & Culture @ 2025
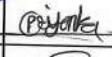
Faculty-wise Student Attendance

Sr. No	Name Of Cadidate	Class	Mob No.	11 Feb 2025	12 Feb 2025	13 Feb 2025	14 Feb 025	15 Feb 2025
32	Ms. Sunita M Jadhav	Staff	8888867834					
33	Smita Sangave	M Sc CS FY	8788505682					
34	Sneha Shinde	M Sc CS FY	8767663405					
35	Ankita Bansode	M Sc CS FY	8080412464					
36	Priyanka Kamble	B Voc CT TY	8459784098					
37	Alok Birge	B Voc CT TY	7722013576					
38	Pooja Pandge	M Sc CS FY	7028435728					
39	Mayuri Majre	M Sc CS FY	7757921045					

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The Fusion Journey: Tech & Culture @ 2025

Faculty-wise Student Attendance

Sr. No	Name Of Cadidate	Class	Mob No.	11 Feb 2025	12 Feb 2025	13 Feb 2025	14 Feb 025	15 Feb 2025
40	Sakshi More	M Sc CS FY	9766448699	*sign*	*sign*	*sign*	*sign*	*sign*
41	Afreen Pathan	B Voc CT TY	8830550206	*sign*	*sign*	*sign*	*sign*	*sign*
42	Rutuja Pawar	B Voc CT TY	9970852874	rutuja	rutuja	rutuja	rutuja	rutuja
43	Vaishnavi Bawage	B Voc CT TY	9657602725	Bawage	Bawage	Bawage	Bawage	Bawage
44	Shubhangi Gaikwad	B Voc CT TY	9730011420	Shubhangi	shubhangi	shubhangi	shubhangi	shubhangi
45	Shweta Shinde	B Voc CT TY	8080433256	Shweta	Shweta	Shweta	Shweta	Shweta
46	Bhakti Panshette	B Voc CT TY	8390250404	Bhakti	Bhakti	Bhakti	Bhakti	Bhakti
47	Vaishnavi Bhise	B Voc CT SY	9421807137	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
48	Pranali Bodhale	B Voc CT SY	8329379506	Pranali	Pranali	Pranali	Pranali	Pranali

HOD

Principal