

2<sup>th</sup> April, 2025

**Sub: Budget cum Payment approval for organizing the Project Expo/Model Mela as a celebration of “National Technology Day” on 2<sup>nd</sup> May, 2025 at GSFC University.**

### **1.0 Preamble**

National Technology Day is celebrated every year on 11<sup>th</sup> May to commemorate the history of India’s technological innovations and excellence. The day holds significance as India successfully tested nuclear bombs in Pokhran on May 11, 1998.

GSFC University is celebrating National Technology Day in advance on May 2, 2025, by organizing the Project Expo/Model Mela named ‘**TechXhibit 2025**’ which is an Exhibition cum Competition of the Projects developed by the students of **School of Technology**. It was also organized last year by SoT and received an overwhelming response from the Industry Experts and the student participants.

In the **Chemical Engineering** Department, **38** students from the 6th semester and **68** students from the 4th semester will participate by displaying both working and non-working models.

In the Computer Science Engineering department, approximately in total 40 scrutinized teams from 8<sup>th</sup> and 6<sup>th</sup> Semester will showcase models and posters on AI, ML, IoT, and other technologies.

### **2.0 Event details:**

- I. **Name:** Celebration of National Technology Day
- II. **Date:** 2<sup>nd</sup> May, 2025
- III. **Time:** 09:00 A.M. to 03:00 P.M.
- IV. **Venue:** Anviksha, GSFC University
- V. **Event Highlights:**
  - A. **Model Mela by B.Tech. Chemical Engg. co-ordinated by AIChE GSFCU Student Chapter**

Models use familiar objects to simplify and represent complex concepts. In Chemical Engineering, scientific physical models allow us to visualize processes that are typically difficult to understand. This approach not only facilitates the communication of ideas but also integrates practical learning into courses like Mass Transfer Operations, Process Technology, Material Science, Process Equipment Design. Here, students learn theoretical concepts and simultaneously design and build 3D models that depict real chemical processes and equipment.

To enhance learning, a competition format is introduced, with students from the 2nd and 3rd years participating in teams. The event includes criteria for making working models for 3rd-year students, while 2nd-year students have the option to make non-working models/prototypes. **AIChE**-GSFC University Student Chapter is helping to organize the event. AIChE-GSFC University Student Chapter has organized Model Mela in 2022, 2023 and 2024 as well.

#### **B. Project Exhibition by B.Tech. CSE**

The **Major and Minor Projects** are integral components and the courses of B.Tech CSE Program curriculum, designed to let students apply the knowledge they've gained and tackle substantial real-world problems over an extended period. This initiative helps them demonstrate their professional competence. Continuous internal evaluations through reviews complement the learning process. An upcoming project exhibition and competition will offer Pre-final and Final year students a chance to display their work in Major Projects (focused on **Artificial Intelligence, Machine Learning, cyber security and IoT**) and Minor Projects. The event will enable students to engage with experts, receive valuable feedback, and explore new research areas.

### **3.0 Jury Members:**

1. **CSE:** Experts will be invited from the
  - A. Rishabh Software, Vadodara
  - B. Paul Mason Consulting, Vadodara
  - C. Netweb Software Pvt. Ltd, Vadodara
  - D. e-Infochip, Ahmedabad
  - E. Phonon, Vadodara

**2. Chemical Engg. & Other Students Team:** GSFC University Faculty Members

**4.0 Guest/Visitors:** Will invite Industry experts, Students of GSFCU, Aspiring Candidates & Parents and others

**5.0 Participants:** Students

- Chem. Engg.: Will showcase models
  - 6th Sem: 38 students in 9 groups
  - 4th Sem: 68 students in 14 groups
- CSE: Will showcase projects based on AI, ML, IoT and other technology
  - 8th Sem: 80 students in 20 groups
  - 6th Sem: 80 students in 20 groups
- Other students' team (GUITAR Projects):
  - **Approximately 10 groups of 30 students**

**Evaluation Criteria:**

Sr. No.	Criteria	Marks
1	Innovation/Incremental Innovation	15
2	Skill and thoroughness (How well is the model or poster or project or idea executed?)	15
3	Presentation (Clarity of Idea)	10
4	Impact of Society or Industry	5



5	Question and Answer	5
6	<b>Grand Total</b>	<b>50</b>

**Table 1: Proposed Budget:**

Sr. No.	Expenses	Amount in Rs.	Budget Head
1	Winner- 1 <sup>st</sup> (Chemical -6th sem)	6000	GUIITAR Council
2	Winner- 2 <sup>nd</sup> (Chemical -6th sem)	4000	GUIITAR Council
3	Winner- 1st (Chemical -4th sem)	3000	AICHe-GSFCU Student Chapter
4	Winner -2 <sup>nd</sup> (Chemical-4th Sem)	1500	AICHe-GSFCU Student Chapter
5	Winner- 3 <sup>rd</sup> (Chemical -4th sem)	1000	AICHe-GSFCU Student Chapter
6	Winner -1 <sup>st</sup> (CSE-8 sem)-Cash Prize	6000	GUIITAR Council
7	Winner -2 <sup>nd</sup> (CSE-8 sem)-Cash Prize	4000	GUIITAR Council
8	Winner -3 <sup>rd</sup> (CSE-8 sem)-Cash Prize	2000	GUIITAR Council
9	Winner -1 <sup>st</sup> (CSE-6 sem)-Cash Prize	3000	GUIITAR Council



10	Winner -2 <sup>nd</sup> (CSE-6 sem)-Cash Prize	1500	GUIITAR Council
11	Winner -3 <sup>rd</sup> (CSE-6 sem)-Cash Prize	1000	GUIITAR Council
12	Winner (Other than above) – 1 <sup>st</sup> Cash Prize	3000	GUIITAR Council
13	Winner (Other than above)– 2 <sup>nd</sup> Cash Prize	1500	GUIITAR Council
14	Winner (Other than above)– 3 <sup>rd</sup> Cash Prize	1000	GUIITAR Council
15	Refreshing Drink + Samosa or Snacks (Rs 35 per Participant including students, judges and faculties) 370 Qty. @ Rs. 35 = 12,950	12950	GSFC University SSIP
16	Flower/Plant Pot for Experts/Guest 10 Qty. @ Rs. 150	1500	GSFC University SSIP
17	Banners/Leaflet/Stationery/Other items	2500	GSFC University SSIP
18	Honorarium/Memento to Jury & Guest · Honorarium to Jury 4 Experts @ Rs. 5000 = Rs. 20000/- · Memento to Jury and Guests (Chemical Engg. – 20 & CSE- 5) 25 Qty. @ Rs. 300/- = 7500/-	27500	GSFC University SSIP



19	Tea and Cookies: 7 Qty. @ Rs. 35 = 245 Lunch: 20 Qty. @ Rs. 120 = 2400	2645	GSFC University SSIP
20	Decoration/Arrangement expense/Certificates (Hardcopy for Winners and other E-Certificate)	3000	Students Club & Activities Head (Project Exhibition) GSFC University
21	Expenses on making models	35000	Students Club & Activities Head (Project Exhibition) GSFC University
22	Miscellaneous and Contingency	2905	GSFC University SSIP
23	<b>Total</b>	<b>1,26,500</b>	

**Table 2:** Expenses from SSIP 2.0

Amount in Rs.

Sr. No.	GSFC University Contribution (50%)	SSIP 2.0 Grant (50%)	Total
1	25,000	25,000	<b>50,000</b>

**Table 3:** Expenses from GUIITAR Council, Section 8 Company Amount in Rs.

Sr. No.	Budget Head	Total
1	Other (Training, Admin, Legal, Exposure, Mentoring, Event, Repair & Maintenance, <b>Awards</b> , Academic Associate/Intern etc.	<b>33,000</b>

**Table 4:** Expenses Amount in Rs.

Sr. No.	Budget Head	Total
1	AIChE GSFC University Student Chapter	<b>5500</b>

**Table 5:** Expenses from GSFC University Amount in Rs.

Sr. No.	Budget Head	Total
1	Students Club & Activities (Project Exhibition)	<b>38000</b>

**Proposal:**

It is proposed to approve a total budget of **Rs.1,26,500** for the celebration of "National Technology Day" on 2<sup>nd</sup> May 2025 at GSFC University as per Table No. 1.

It is proposed to approve **Rs. 50,000/-** from the Students Startup and Innovation Policy (**SSIP 2.0**) as per Tables No. 1 and 2 for celebrating National Technology Day.

It is proposed to approve Rs. 33,000/- from the GUIITAR Council, Section 8 Company, as per Table No. 3, for awarding cash prizes to the winners.



We will submit all the original bills after the event to the accounts department for organizing National Technology Day on 2<sup>nd</sup> May 2025.

Submitted for Approval.

Mrs. Archana Magare

Program Coordinator-CSE

Dr. Parag Saxena

Program Coordinator-Chemical Engg

Sr. Manager

GUIITAR Council

CEO

GUIITAR Council

Dean, School of Technology

Provost