

## MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2024-25

The FARE Selection Committee (2024-25) discussed on July 14, 2025, to consider the requests for FARE Fellowship.

### **FARE Fellowship Eligibility Criteria:**

- i. The student should be currently enrolled in the full-time PhD programme at IIT Kanpur. S/he should submit the thesis no later than 5 years and 6 months from the date of her/his first registration in the PhD program at IIT Kanpur. This period excludes the leave availed on medical grounds for a semester, if any.
- ii. A student interested in applying for FARE must submit an application within three months of PhD thesis submission.
- iii. S/he must have at least one accepted/published research work/paper (or equivalent work) in any reputed journals/proceedings, etc., of the level equivalent to Q1 or Q2 journals from her/his PhD research as first author at the time of application.
- iv. Journal or Conference publication mentioned in the FARE Application should have online references, such as DOI / Weblinks for consideration.
- v. Eligibility criteria for Patent Consideration:
  - Patent(s) must be part of applicant's PhD thesis work, and grant certificate should be submitted as part of FARE application.
  - The patent must have at least 25% contribution from the FARE applicant.
- vi. All the currently registered students of Y18 and onward batches are eligible to apply for FARE.
- vii. Those students of Y18 and Y19 batches fulfilling condition (i), who have already submitted their thesis but have not defended it as of the date of this office order are eligible to apply for FARE.
- viii. A one-time relaxation is being granted to Y18 and Y19 students, allowing them to be eligible for the FARE fellowship if they submit their thesis within 6 years and 6 months for Y18 students and 6 years for Y19 students from their initial registration date.
- ix. The thesis submission deadlines are as follows: Y18 – within 6 years 6 months with 12 months fellowship; Y19 – within 6 years with 12 months fellowship; Y20 (1st sem) – within 5 years 6 months with 12 months fellowship; Y20 (2nd sem onward) – within 5 years with 12 months fellowship or within 5 years 6 months with 6 months fellowship on a pro-rata basis; all deadlines correspond to the late academic registration dates of their respective semesters, excluding summer terms.

### **Considerations:**

- Four applicants from the Department of Chemistry (CHM) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 and Q2 journal.
- Two applicants from the Department of Electrical Engineering (EE) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- Two applicants from the Department of Mechanical Engineering (ME) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.

### **Details:**

**Manorama Dey / 20107284 / CHM**

#### **Findings:**

- Title of the Paper: Synergistic Binding of SARS-CoV-2 to ACE2 and Gangliosides in Native Lipid Membranes.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Manorama Dey (Applicant)
- Journal Name: ACS Infectious Diseases
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 07-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 10 Days

**Mukul Kumar Srivastava / 18205266 / ME**

#### **Findings:**

- Title of the Paper: Electromagnetic Shielding with CFRP Composites: Conducting Matrix Versus Conducting Fibers
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Mukul Kumar Srivastava (Applicant)
- Journal Name: Polymer composites
- Journal Level: Q1 (Overall)
- Published / Accepted: Published

- Date of PhD Registration: 03-01-19
- Date of PhD Thesis Submission: 08-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 6 Months, 5 Days

**Ashok Narayan Tripathi / 20104269 / EE**

**Findings:**

- Title of the Paper: Internal Failure Detection Using IR Thermography and Characterization of Composite Insulators.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Ashok Narayan Tripathi (Applicant)
- Journal Name: IEEE Transactions on Dielectrics and Electrical Insulation
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 30-06-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 3 Days

**Darshan Prakash Borthakur / 20104273 / EE**

**Findings:**

- Title of the Paper: Novel Technique to Understand the Interaction of Silicone Oil and Grease with Silicone Rubber for Cable Accessories.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Darshan Prakash Borthakur (Applicant)
- Journal Name: IEEE Transactions on Dielectrics and Electrical Insulation
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 30-06-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 3 Days

**Susheel Kumar / 19205275 / ME**

**Findings:**

- Title of the Paper: Controlling adhesion of PDMS elastomer through process parameters
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Susheel Kumar (Applicant)
- Journal Name: Tribology International
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-20
- Date of PhD Thesis Submission: 09-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 6 Months, 8 Days

**Chhavi Khajuria / 20107274 / CHM**

**Findings:**

- Title of the Paper: Relay Catalysis-Enabled Enantioselective Annulations of  $\beta,\gamma$ -Alkynyl- $\alpha$ -imino Esters with 1,3-Diones for the Divergent Synthesis of Chiral Oxacycles.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Chhavi Khajuria (Applicant)
- Journal Name: Organic Letters
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 16-06-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 9 Months, 20 Days

**Anurag Sharma / 20107265 / CHM**

**Findings:**

- Title of the Paper: Kinetics of Ganglioside-Rich Supported Lipid Bilayer Formation with Tracer Vesicle Fluorescence Imaging
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Anurag Sharma (Applicant)
- Journal Name: Langmuir
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 09-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 12 Days

**Suraj Kashyap / 19107310 / CHM**

**Findings:**

- Title of the Paper: Magic Blue-Initiated SN<sub>2</sub>-Type Ring Opening of Activated Aziridines: Friedel–Crafts-Type Alkylation of Electron-Rich Arenes/Heteroarenes
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Suraj Kashyap (Applicant)
- Journal Name: Tribology International
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 10-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 14 Days

**Committee Decision:**

- After due deliberation, the committee recommends Manorama Dey/ 20107284 / CHM
- After due deliberation, the committee recommends Mukul Kumar Srivastava / 18205266 / ME
- After due deliberation, the committee recommends Ashok Narayan Tripathi / 20104269 / EE
- After due deliberation, the committee recommends Darshan Prakash Borthakur/ 20104273 / EE
- After due deliberation, the committee recommends Susheel Kumar/ 19205275 / ME
- After due deliberation, the committee recommends Chhavi Khajuria / 20107274 / CHM
- After due deliberation, the committee recommends Anurag Sharma / 20107265 / CHM
- After due deliberation, the committee recommends Suraj Kashyap / 19107310 / CHM



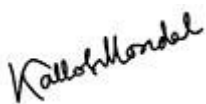
**Prof. Abheejeet Mohapatra**  
(ADAA)



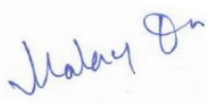
**Prof. Sudhanshu Shekhar Singh**  
(Chairperson, SPGC)



**Prof. Soumya Ranjan Sahoo**  
(EE)



**Prof. Kallol Mondal**  
(MSE)



**Prof. Malay K. Das**  
(ME)



**Prof. Sagar Chakraborty**  
(PHY)



**Prof. Ashoke De**  
(Convener)