

## **MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2025-2026**

The FARE Selection Committee (2025-26) discussed on September 22, 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:**

- Three applicants from the Department of Civil Engineering (CE) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Mechanical Engineering (ME) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Chemistry (CHM) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Management Sciences (DOMS) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Chemical Engineering (CHE) have applied for the FARE Fellowship. Her PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Aerospace Engineering (AE) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.

### **Details:**

**Vivek Anand / 21103276 / CE**

#### **Findings:**

- Title of the Paper: Advancing LiDAR Intensity Simulation Through Learning with Novel Physics-Based Modalities
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Vivek Anand (Applicant)
- Journal Name: IEEE Transactions on Intelligent Transportation Systems
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 28-07-2021
- Date of PhD Thesis Submission: 19-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 0 Months, 22 Days

**Moonis Ali / 20203266 / CE**

**Findings:**

- Title of the Paper: A hybrid approach for enhanced tree volume estimation of complex trees using terrestrial LiDAR
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Moonis Ali (Applicant)
- Journal Name: GIScience & Remote Sensing
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 27-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 7 Months, 16 Days

**Rishav Kumar / 19205272 / ME**

**Findings:**

- Title of the Paper: A hybrid battery thermal management system using ionic wind and phase change material
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Rishav Kumar (Applicant)
- Journal Name: Applied Energy
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 11-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 8 Months, 10 Days

**Surabhi Maurya / 20103299 / CE**

**Findings:**

- Title of the Paper: Reliability Analysis via Non-Probabilistic Multi-Dimensional Convex Modelling of Spatially Varying and Data-Deficient Rock Properties
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Surabhi Maurya (Applicant)
- Journal Name: Rock Mechanics and Rock Engineering
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 13-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 17 Days

**Gaurav Gupta / 18214261 / DOMS**

**Findings:**

- Title of the Paper: Modernizing India's Electricity Market: Opportunities for Market-Based PPAs, Contracts for Difference, and Revenue-Sharing Contracts
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Gaurav Gupta (Applicant)
- Journal Name: The Electricity Journal
- Journal Level: Q1 (Overall)
- Published / Accepted: Accepted
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 6 Months, 13 Days

**Adarsha Mandal / 20107262 / CHM**

**Findings:**

- Title of the Paper: Selective Transfer Hydrogenation of C=O and Conjugated C=C Bonds Using An NHC-Based Pincer (CNC) Mn Complex in Methanol
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Adarsha Mandal (Applicant)
- Journal Name: ChemSusChem
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 10-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 0 Months, 14 Days

**Soniya / 20102279 / CHE**

**Findings:**

- Title of the Paper: Transient segregation of different density granular mixtures
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Soniya (Applicant)
- Journal Name: Journal of Fluid Mechanics
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 08-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 0 Months, 12 Days

**Mohd Javed / 19201266 / AE**

**Findings:**

- Title of the Paper: Classifications and scaling of generic shaped, steady and unsteady water bells formed by a jet impinging onto avial
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Mohd Javed (Applicant)
- Journal Name: Journal of Fluid Mechanics
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 12-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 8 Months, 11 Days

- After due deliberation, the committee recommends Vivek Anand / 21103276 / CE
- After due deliberation, the committee recommends Moonis Ali / 20203266 / CE
- After due deliberation, the committee recommends Rishav Kumar / 19205272 / ME
- After due deliberation, the committee recommends Surabhi Maurya / 20103299 / CE
- After due deliberation, the committee recommends Gaurav Gupta / 18214261 / DOMS
- After due deliberation, the committee recommends Adarsha Mandal / 20107262 / CHM
- After due deliberation, the committee recommends Soniya / 20102279 / CHE
- After due deliberation, the committee recommends Mohd Javed / 19201266 / AE



**Prof. Abheejeet Mohapatra**  
(ADAA)



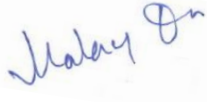
**Prof. Sudhanshu Shekhar Singh**  
(Chairperson, SPGC)



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



**Prof. Kallol Mondal**  
(MSE)



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



**Prof. Sagar Chakraborty**  
(PHY)



**Prof. Ashoke De**  
(Convener)