

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

The FARE Selection Committee (2025-26) discussed on August 12, 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:**

- 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 Materials Science Programme (MSP) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- Two 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 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 Physic (PHY) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Electrical Engineering (EE) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- A student from the Department of Cognitive Science, Y-19 batch (1st Semester), has requested an extension for the FARE application deadline beyond 6 August 2025.

### **Details:**

**Kapil Kumar / 19105270 / ME**

#### **Findings:**

- Title of the Paper: Rotary drilling dynamics with an asymmetric distribution of cutters on the drill-bit
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Kapil Kumar (Applicant)
- Journal Name: Nonlinear Dynamics
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 01-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 6 Days

**Anshuman Choudhary / 18212261 / MSP**

**Findings:**

- Title of the Paper: Barium strontium titanate and exfoliated graphite nanocomposite integrated with frequency selective surface for enhanced radar absorption.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Anshuman Choudhary (Applicant)
- Journal Name: Materials Today Communications
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 05-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 7 Months, 2 Days

**Subhadip Mondal / 20107310 / CHM**

**Findings:**

- Title of the Paper: Dissociation dynamics of a diatomic molecule in an optical cavity
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Subhadip Mondal (Applicant)
- Journal Name: The Journal of Chemical Physics
- Journal Level: Q2
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 31-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 4 Days

**Himanshu Kumar Vishwakarma / 18207265 / CHM**

**Findings:**

- Title of the Paper: Terahertz and Dielectric Spectroscopy of Aqueous MgCl<sub>2</sub> Solutions: Self- and Cross-Correlation Contributions of Permanent and Induced Dipoles Using Polarizable Models
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Himanshu Kumar Vishwakarma (Applicant)
- Journal Name: The Journal Name of Physical Chemistry B
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 28-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 6 Months, 25 Days

**Tejas Gupta / 19103288 / CE**

**Findings:**

- Title of the Paper: Integrating 'Difficulty in management' as a decision-making criterion in the risk assessment of PPP infrastructure projects
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Tejas Gupta (Applicant)
- Journal Name: Construction Management and Economics
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 01-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 6 Days

**Arijit Halder / 19109266 / PHY**

**Findings:**

- Title of the Paper: Contribution of the Hall term in small-scale magnetohydrodynamic dynamos
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Arijit Halder (Applicant)
- Journal Name: Physical Review Fluids
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 05-08-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 10 Days

**Mohd Aquib / 18204271 / EE**

**Findings:**

- Title of the Paper: Enhancing Facial Expression Recognition with AI Agents: A Semi-Supervised Guided Adaptive  $\beta$ -VAE coupled with Interval Type-2 Fuzzy Classifier
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Mohd Aquib (Applicant)
- Journal Name: IEEE Transactions on Artificial Intelligence
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 29-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 6 Months, 26 Days

**Aditya Sharma / 19103290 / CE**

**Findings:**

- Title of the Paper: Augmenting COD-to-Sulfate ratio in tannery effluent concentrated via direct ultrafiltration: Process optimization and membrane performance evaluation
  - Part of PhD Thesis Work (Yes / No): Yes
  - First Author: Aditya Sharma (Applicant)
  - Journal Name: Separation and Purification Technology
  - Journal Level: Q1
  - Published / Accepted: Published
  - Date of PhD Registration: 26-07-2019
  - Date of PhD Thesis Submission: 05-08-2025
  - Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 10 Days
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- **A request was submitted by Mr. Arjun Mitra (Roll No. 19128261), a Ph.D. scholar from the Y-19 batch (1st Semester) in the Department of Cognitive Science, seeking an extension of the FARE application deadline beyond 6 August 2025. The student cited multiple factors contributing to the delay in his FARE application. Most notably, the COVID-19 lockdown severely disrupted his research, which relied heavily on in-person human-subject experiments. Due to the nature of his work, he was unable to continue research remotely during the lockdown period. Additionally, he was granted an approved semester leave during 2020–21 Semester I, further impacting his academic timeline. Mr. Mitra also reported unforeseen personal circumstances at home, which compounded the challenges of working from home and led to increased stress and anxiety. These factors collectively affected his productivity and prompted the request to drop the semester. The current delay, as stated, is administrative in nature, with post–Open Seminar processes potentially exceeding the FARE deadline.**

### Committee Decision:

- After due deliberation, the committee recommends Kapil Kumar / 19105270 / ME
  - After due deliberation, the committee recommends Anshuman Choudhary / 18212261 / MSP
  - After due deliberation, the committee recommends Subhadip Mondal / 20107310 / CHM
  - After due deliberation, the committee recommends Himanshu Kumar Vishwakarma / 18207265 / CHM
  - After due deliberation, the committee recommends Tejas Gupta / 19103288 / CE
  - After due deliberation, the committee recommends Arijit Halder / 19109266 / PHY
  - After due deliberation, the committee recommends Mohd Aquib / 18204271 / EE
  - After due deliberation, the committee recommends Aditya Sharma / 19103290 / CE
- After a thorough review of the request and the accompanying documentation, the committee acknowledged the challenges faced by the student during the COVID-19 period and the academic disruptions that ensued. However, considering the timeline of events and the procedural constraints of the FARE programme, the committee concluded that an extension beyond the stipulated deadline cannot be granted. The FARE application process is governed by fixed timelines to ensure uniformity and fairness across all applicants. While the student's circumstances were unfortunate, the committee determined that the request does not meet the criteria for exceptional consideration under the current guidelines. Therefore, the extension request has not been accepted.



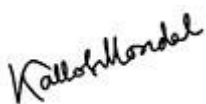
**Prof. Abheejeet Mohapatra**  
(ADAA)



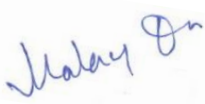
**Prof. Sudhanshu Shekhar Singh**  
(Chairperson, SPGC)



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



**Prof. Kallol Mondal**  
(MSE)



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



**Prof. Sagar Chakraborty**  
(PHY)



**Prof. Ashoke De**  
(Convener)