

MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2025-2026

The FARE Selection Committee (2025-26) discussed on October 27, 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:

- 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.
- Two applicants from the Department of Chemistry (CHM) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q2 journal.
- One applicant from the Department of Electrical Engineering (EE) have applied for the FARE Fellowship. Her PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Management Sciences (DoMS) have applied for the FARE Fellowship. Her PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Materials Science and Engineering (MSE) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Mathematics and Statistics (MTH) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Physics (PHY) have applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.

Details:

Naisarg Harishbhai Sagathiya / 20205269 / ME

Findings:

- Title of the Paper: A Study on Sequential Electrochemical Turning and Milling Operations for Surface Texturing on Thin-Walled Metallic Tube
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Naisarg Harishbhai Sagathiya (Applicant)
- Journal Name: The Electrochemical Society
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 07-10-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 8 Months, 26 Days

Sadhan Dey / 20107296 / CHM**Findings:**

- Title of the Paper: Reusable Cobalt-Catalyzed Selective Transfer Hydrogenation of Azoarenes and Nitoarenes
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sadhan Dey (Applicant)
- Journal Name: Organic Chemistry
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 15-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 0 Months, 19 Days

Deepali Kushwaha / 20104276 / EE**Findings:**

- Title of the Paper: Optimal device selection in federated learning for resource-constrained edge networks
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Deepali Kushwaha (Applicant)
- Journal Name: IEEE Internet of Things Journal
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 30-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 1 Months, 3 Days

Pavan Kumar Shakya / 20205271 / ME**Findings:**

- Title of the Paper: Estimation of the upper limit of distillate flux through nanoparticle-coated hydrophobic membranes for a direct contact solar membrane desalination system
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Pavan Kumar Shakya (Applicant)
- Journal Name: Desalination
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 13-10-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 9 Months, 2 Days

Amrita Kulshreshtha / 19214262 / DOMS**Findings:**

- Title of the Paper: Income shock and financial well-being in the COVID-19 pandemic: financial resilience and psychological resilience as mediators
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Amrita Kulshreshtha (Applicant)
- Journal Name: International Journal of Bank Marketing
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 01-09-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 8 Months, 0 Days

Amit Kumar Sharma/ 20107318 / CHM**Findings:**

- Title of the Paper: Asymmetric Ring-Opening Transformation of Racemic Aziridines: Enantioselective Route to Benzodiazepines
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Amit Kumar Sharma (Applicant)
- Journal Name: The Journal of Organic Chemistry
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 14-10-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 1 Months, 17 Days

Bidhan Saha / 19108265 / MTH**Findings:**

- Title of the Paper: New Paraconsistent Modal Logics Based on Rough Modus Ponens Rules and Their Interrelations
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Bidhan Saha (Applicant)
- Journal Name: International Journal of Approximate Reasoning
- Journal Level: Q2 (Overall)
- Published / Accepted: Accepted
- Date of PhD Registration: 26-07-19
- Date of PhD Thesis Submission: 30-07-25
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 4 Days

Vikas Tiwari / 20106296 / MSE**Findings:**

- Title of the Paper: Enhanced mechanical properties and microstructure of TiC reinforced Stellite 6 metal matrix composites (MMCs) via laser cladding additive manufacturing
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Vikas Tiwari (Applicant)
- Journal Name: Journal of Alloys and Compounds
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 21-10-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 1 Months, 24 Days

Amitava Ghosh / 19209861 / PHY**Findings:**

- Title of the Paper: Magnetic anisotropy and magnetocaloric effect in Gd₂NiMnO₆ thin films
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Amitava Ghosh (Applicant)
- Journal Name: Physical Review B
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 01-01-20
- Date of PhD Thesis Submission: 21-10-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 9 Months, 20 Days

- After due deliberation, the committee recommends Naisarg Harishbhai Sagathiya / 20205269 / ME
- After due deliberation, the committee recommend Sadhan Dey / 20107296 / CHM
- After due deliberation, the committee recommend Deepali Kushwaha / 20104276 / EE
- After due deliberation, the committee recommend Pavan Kumar Shakya / 20205271 / ME
- After due deliberation, the committee recommend Amrita Kulshreshtha / 19214262 / DOMS
- After due deliberation, the committee recommend Amit Kumar Sharma/ 20107318 / CHM
- After due deliberation, the committee recommend Bidhan Saha / 19108265 / MTH
- After due deliberation, the committee recommend Vikas Tiwari / 20106296 / MSE
- After due deliberation, the committee recommend Amitava Ghosh / 19209861 / PHY

Prof. Abheejeet Mohapatra
(ADAA)

Prof. Pritam Chakraborty
(Chairperson, SPGC)

Prof. Soumya Ranjan Sahoo
(EE)

Prof. Kallol Mondal
(MSE)

Prof. Malay K. Das
(ME)

Prof. Sagar Chakraborty
(PHY)

Prof. Ashoke De
(Convener)