

MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2024-25

The FARE Selection Committee (2024-25) discussed on June 18, 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 deadline for PhD thesis submission of Y-18 July batch was Late academic registration date for 14th Semester i.e January 10th, 2025. (Includes regular Semester-I & II only excluding summer term)

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.
- Three applicants from the Department of Mechanical Engineering (ME) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 and Q2 journal.
- One applicant from the Department of Aerospace Engineering (AE) has applied for the FARE Fellowship. His PhD thesis work has been published in Q1 journal.

Details:

Alka Karn / 19107264 / CHM

Findings:

- Title of the Paper: Porous Organic Polymer with Free Carboxylic Acids (Carboxy-POP) for Heterogeneous Catalytic One-Pot Synthesis of Xanthenes and Acridines
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Alka Karn (Applicant)
- Journal Name: ChemCatChem
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 30-05-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 10 Months, 4 Days

Neha Singh / 19107284 / CHM

Findings:

- Title of the Paper: Covalent surface modification of nickel ferrite nanoparticles for electrochemical supercapacitor performance
- Part of PhD Thesis Work (Yes / No): Yes

- First Author: Neha Singh (Applicant)
- Journal Name: New Journal of Chemistry
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 22-05-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 9 Months, 26 Days

Nitish Katiyar / 19105272 / ME

Findings:

- Title of the Paper: Low-frequency noise attenuation through hybrid perforated hemispherical shells and membrane-type acoustic metamaterial.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Nitish Katiyar (Applicant)
- Journal Name: Journal of Applied Physics
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-19
- Date of PhD Thesis Submission: 02-06-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 10 Months, 7 Days

Sagnik Sarma Choudhury / 19105275 / ME

Findings:

- Title of the Paper: Behaviour of Zn-MnO₂ battery under externally applied magnetic field
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sagnik Sarma Choudhury (Applicant)
- Journal Name: Surface and Interfaces
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 02-06-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 10 Months, 7 Days

Retam Paul / 18205267 / ME

Findings:

- Title of the Paper: Morphology of fracture profiles and toughness: competition between inter and transgranular fracture in two dimensional brittle solids.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Retam Paul (Applicant)
- Journal Name: International Journal of Fracture
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 03-01-19
- Date of PhD Thesis Submission: 28-05-25
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 4 Months, 25 Days

Pooja Aggarwal / 20107323 / CHM

Findings:

- Title of the Paper: Energy Funneling from Water-Dispersed Perovskites to Chromophores
- Part of PhD Thesis Work (Yes / No): Yes

- First Author: Pooja Aggarwal (Applicant)
- Journal Name: ACS Energy Letters
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 09-06-25
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 9 Months, 13 Days

Tanmoy Khan / 19107312 / CHM

Findings:

- Title of the Paper: Critical Role of Water beyond the media to Maintain Protein Stability and Activity in Hydrated Deep Eutectic Solvent.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Tanmoy Khan (Applicant)
- Journal Name: The Journal of Physical Chemistry B
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-19
- Date of PhD Thesis Submission: 28-05-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 10 Months, 2 Day

Ravindra / 19201269 / AE

Findings:

- Title of the Paper: Multi-fidelity machine learning-based uncertainty quantification of progressive damage in composite laminates through optimal data fusion
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Ravindra (Applicant)
- Journal Name: Engineering Applications of Artificial Intelligence, Aerospace Science and technology, Composite Structures
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-20
- Date of PhD Thesis Submission: 02-06-25
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 1 Days

Committee Decision:

- **After due deliberation, the committee recommends Alka Karn / 19107264 / CHM**
- **After due deliberation, the committee recommends Neha Singh / 19107284 / CHM**
- **After due deliberation, the committee recommends Nitish Katiyar / 19105272/ ME**
- **After due deliberation, the committee recommends Sagnik Sarma Choudhury / 19105275 / ME**
- **After due deliberation, the committee recommends Retam Paul / 18205267/ ME**
- **After due deliberation, the committee recommends Pooja Aggarwal / 20107323 / CHM**
- **After due deliberation, the committee recommends Tanmoy Khan / 19107312 / CHM**
- **After due deliberation, the committee recommends Ravindra / 19201269 / AE**



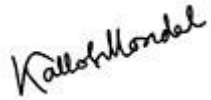
Prof. Abheejeet Mohapatra
(ADAA)



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)