

MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2024-2025

The FARE Selection Committee (2024-2025) discussed on July 24, 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 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 Mathematics and Statistics (MTH) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Physics (PHY) have applied for the FARE Fellowship. Her PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Industrial and Management Engineering (IME) have applied for the FARE Fellowship. His 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.
- One applicant from the Department of Chemistry (CHM) have applied for the FARE Fellowship. His PhD thesis work has been published in Q2 journal.
- One applicant from the Department of Economic Sciences (ECO) have applied for the FARE Fellowship. Her PhD thesis work has been published in conference.
- Four applicants from the Department of Aerospace Engineering (AE) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Earth Sciences (ES) have applied for the FARE Fellowship. His PhD thesis work has been published in Conference.
- Mr. Aakash, a FARE Fellow from the Department of Computer Science & Engineering was on medical leave from 1st April 2025 to 7th July 2025, owing to a recovery period following a surgical procedure. A formal request was submitted by the student to have this leave considered on medical grounds.

Details:

Mukesh / 18212263 / MSP

Findings:

- Title of the Paper: Supercapacitor electrodes based on Ru/RuO₂ decorated on N,S-doped few-layer graphene
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Mukesh (Applicant)

- Journal Name: Chemical Engineering Journal
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 03-01-19
- Date of PhD Thesis Submission: 30-06-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 5 Months, 27 Days

Sanjit Biswas / 20208263 / MTH

Findings:

- Title of the Paper: Regularity and existence for semilinear mixed local-nonlocal equations with variable singularities and measure data.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sanjit Biswas (Applicant)
- Journal Name: Communications in Contemporary Mathematics
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 14-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 6 Months, 3 Days

Priyanka Meena / 19109870 / PHY

Findings:

- Title of the Paper: Investigation of weak antilocalization and π -Berry phase by quantum oscillation in ferromagnetic Weyl semimetals.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Priyanka Meena (Applicant)
- Journal Name: Phys. Rev. Materials
- Journal Level: Q1 (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

Karam Bharat Singh / 20214266 / IME

Findings:

- Title of the Paper: Barriers to manufacturing integrated circuit chips in the Indian semiconductor manufacturing industry using the grey influence analysis (GINA)
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Karam Bharat Singh (Applicant)
- Journal Name: Business Process Management Journal
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 04-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 5 Months, 23 Days

Annoy Sengupta / 20208261/ MTH

Findings:

- Title of the Paper: Hammocks for non-domestic string algebras
- Part of PhD Thesis Work (Yes / No): Yes
- Author: Annoy Sengupta (Applicant)
- Journal Name: Algebras and Representation Theory
- Journal Level: Q1 (Overall)
- Published / Accepted: Published

- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 6 Months, 5 Days

Sushant Maurya / 19105279 / ME

Findings:

- Title of the Paper: Control of Pneumatic Artificial Muscle Actuated Two Degrees-of-Freedom Robot Using PD-Based Pulse Width Modulation Strategy with Feed-Forward Outer Control Loop.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sushant Maurya (Applicant)
- Journal Name: Journal of Mechanisms and Robotics
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 20 Days

Parbat Subba Limboo / 20107287 / CHM

Findings:

- Title of the Paper: Chiral Phosphoric Acid-Catalyzed Asymmetric Friedel–Crafts Addition of Indolizine to Cyclic N-Sulfonyl Imine.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Parbat Subba Limboo (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: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 19 Days

Ritu Singh / 20127268 / ECO

Findings:

- Title of the Paper: Decoding Crude Oil Trade Dynamics: A Comparative Analysis of Machine Learning Models
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Ritu Singh (Applicant)
- Conference Name: 2024 IEEE International Conference on Future Machine Learning and Data Science (FMLDS)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 19 Days

Anurag Adityanarayan Ray / 20101265 / AE

Findings:

- Title of the Paper: Leading-Edge Bluntness effects on the Hypersonic Flow Over Double Wedge at Multiple aft-wedge Angles
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Anurag Adityanarayan Ray (Applicant)
- Journal Name: Physics of Fluids
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 17-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 20 Days

Sreejita Bhaduri / 20101285 / AE

Findings:

- Title of the Paper: Effects of confinement, impinging shock deflection angle, and Mach angle on the flow field of a supersonic open cavity
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sreejita Bhaduri (Applicant)
- Journal Name: Physics of fluids
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 17-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 10 Months, 20 Days

Anamitra Sikdar / 19123261/ ES

Findings:

- Title of the Paper: Superplastic deformation inside the knife-sharp shear bands in mid-crustal granites
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Anamitra Sikdar (Applicant)
- Journal Name: Journal of Structural Geology
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 26-07-2019
- Date of PhD Thesis Submission: 16-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 20 Days

Ramteke Vivek Haribhau / 20101281/ AE

Findings:

- Title of the Paper: Accessibility Analysis and Robust Control Design of Dual-Spin Projectile
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Ramteke Vivek Haribhau (Applicant)
- Journal Name: Journal of Guidance, Control and Dynamics
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 13-05-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 8 Months, 16 Days

Raghavendra Naidu S / 18201269 / AE

Findings:

- Title of the Paper: Impact of a water drop on a water bed of varying depth.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Raghavendra Naidu S (Applicant)
- Journal Name: Physical Review Fluids
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 30-06-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 5 Months, 27 Days

Findings:

- Title of the Paper: Experimental evidence of robust cyclic stability and sluggish thermal inertia of a heat storage system based on organic phase change material embedded with CuO nano-particles
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Deepti Sachan Applicant)
- Journal Name: Thermal Science and Engineering Progress
- Journal Level: Q1
- Published / Accepted: Published
- Date of PhD Registration: 03-01-2019
- Date of PhD Thesis Submission: 22-07-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 6 Months, 19 Days

Committee Decision:

- After due deliberation, the committee recommends Mukesh / 18212263 / MSP
- After due deliberation, the committee recommends Sanjit Biswas / 20208263 / MTH
- After due deliberation, the committee recommends Priyanka Meena / 19109870 / PHY
- After due deliberation, the committee recommends Karam Bharat Singh / 20214266 / IME
- After due deliberation, the committee recommends Annoy Sengupta / 20208261 / MTH
- After due deliberation, the committee recommends Sushant Maurya / 19105279 / ME
- After due deliberation, the committee recommends Parbat Subba Limboo / 20107287 / CHM
- After due deliberation, the committee recommends Ritu Singh / 20127268 / ECO
- After due deliberation, the committee recommends Anurag Adityanarayan Ray / 20101265 / AE
- After due deliberation, the committee recommends Sreejita Bhaduri / 20101285 / AE
- After due deliberation, the committee recommends Anamitra Sikdar / 19123261 / ES
- After due deliberation, the committee recommends Ramteke Vivek Haribhau / 20101281 / AE
- After due deliberation, the committee recommends Raghavendra Naidu S / 18201269 / AE
- After due deliberation, the committee recommends Deepti Sachan / 18205263 / ME
- Upon careful review of the supporting medical documentation of Mr. Aakash, the committee has thoroughly examined the case and decided to approve the leave on medical ground without pay. The decision reflects a compassionate understanding of the circumstances, while maintaining institutional leave policies.



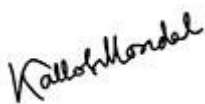
Prof. Abheejeet Mohapatra
(ADAA)



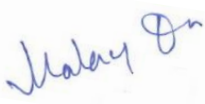
Prof. Sudhanshu Shekhar Singh
(Chairperson, SPGC)



Prof. Soumya Ranjan Sahoo
(EE)



Prof. Kallol Mondal
(MSE)



Prof. Malay K. Das
(ME)



Prof. Sagar Chakraborty
(PHY)



Prof. Ashoke De
(Convener)