

MINUTES OF THE MEETING OF FARE SELECTION COMMITTEE 2025-2026

The FARE Selection Committee (2025-26) discussed on January 12, 2026, 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.
- Four applicants from the Department of Electrical Engineering (EE) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 and Q2 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.
- Three applicants from the Department of Physics (PHY) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- Two applicants from the Department of Materials Science and Engineering (MSE) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- Five 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 Earth Sciences (ES) have applied for the FARE Fellowship. Their PhD thesis work has been published in Q1 journal.
- One applicant from the Department of Computer Science & Engineering (CSE) have applied for the FARE Fellowship. His PhD thesis work has been published in conference proceedings.

Details:

Sri Priyanka Kommula / 20203272 / CE

Findings:

- Title of the Paper: Improving micro rainwater harvesting site selection with high-resolution LiDAR DEMs: A GIS-based multi-criteria approach
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sri Priyanka Kommula (Applicant)
- Journal Name: Remote Sensing Applications: Society and Environment
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021

- Date of PhD Thesis Submission: 17-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 6 Days

Adarsh Singh / 20103262 / CE

Findings:

- Title of the Paper: Large-scale field experiment on vibration screening characteristics of continuous panel-based geof foam-infilled wave barrier
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Adarsh Singh (Applicant)
- Journal Name: Geotextiles and Geomembranes
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 22-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 3 Months, 25 Days

Baisakhi Bandyopadhyay / 20204264 / EE

Findings:

- Title of the Paper: Wideband RCS Reduction of a Linear Patch Antenna Array Using AMC Metasurface for Stealth Applications
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Baisakhi Bandyopadhyay (Applicant)
- Journal Name: IEEE Access
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 23-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 12 Days

Rahul Verma / 19214266 / IME

Findings:

- Title of the Paper: Relative impact of digital and traditional financial inclusion on financial resilience: Evidence from 13 emerging countries
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Rahul Verma (Applicant)
- Journal Name: Journal of Economics and Business
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 22-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 21 Days

Sandip Biswas / 20209267 / PHY

Findings:

- Title of the Paper: Embedding Ultra slow-roll inflaton dynamics in Warm Inflation
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sandip Biswas (Applicant)
- Journal Name: Physical Review
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 11-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 0 Days

Vikas Singh / 19206270 / MSE**Findings:**

- Title of the Paper: Very hard and wear resistant novel complex carbide composites containing WC and Cr-Fe-C with metallic Cr as diffusion assisting agent towards sintering
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Vikas Singh (Applicant)
- Journal Name: Ceramics International
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 26-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 25 Days

Rhitwika Chowdhury / 20107292 / CHM**Findings:**

- Title of the Paper: Cooperative 3-Pyridonate-Functionalized Zinc(II) Imidazolium Catalysts for CO₂ Cycloaddition to Challenging Epoxides at Ambient Conditions: A Pathway to Renewable Cyclic Carbonates
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Rhitwika Chowdhury (Applicant)
- Journal Name: Inorganic Chemistry
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 26-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 3 Months, 29 Days

Archana Yadav / 20207262 / CHM**Findings:**

- Title of the Paper: Hemiparetic koneramine NNP ligand comprising strategic hard and soft donors: transition metal complexes, CS₂ activation and therapeutic potential
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Archana Yadav (Applicant)
- Journal Name: Dalton Transactions
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 11-01-2021
- Date of PhD Thesis Submission: 29-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 11 Months, 18 Days

Sathya Priya Senthil / 20107302 / CHM**Findings:**

- Title of the Paper: Diazepam-based covalent modifiers of GPX4 induce ferroptosis in liver cancer cells
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Sathya Priya Senthil (Applicant)
- Journal Name: Chemical Communications
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 30-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 4 Months, 3 Days

Shobhit Singh / 19223262 / ES

Findings:

- Title of the Paper: Integrating sediment connectivity and stream power index with RUSLE for modelling soil erosion dynamics in a large Himalayan basin under modern and future climate scenarios
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Shobhit Singh (Applicant)
- Journal Name: Earth Surface Processes and Landforms (ESPL)
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 26-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 25 Days

Moumita Akuria / 20123268 / ES

Findings:

- Title of the Paper: Spatiotemporal morphodynamics of an ephemeral Himalayan River impacted by sand mining: A process-response framework
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Moumita Akuria (Applicant)
- Journal Name: Science of The Total Environment
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 22-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 3 Months, 25 Days

Md Modassir Anwer / 19204271 / EE

Findings:

- Title of the Paper: LPCVD grown n-type doped β -Ga₂O₃ films on c-plane sapphire using TEOS precursor
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Md Modassir Anwer (Applicant)
- Journal Name: Materials Science in Semiconductor Processing
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 02-01-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 1 Days

Mudasir Ahmad Sheikh / 19204273 / EE

Findings:

- Title of the Paper: Bayesian Learning-Aided Channel Estimators for Superimposed-Pilot-Based OTFS Systems
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Mudasir Ahmad Sheikh (Applicant)
- Journal Name: IEEE Transactions on Communications
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 31-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 30 Days

Manthan Verma / 19209264 / PHY

Findings:

- Title of the Paper: Numerical Demonstration of Kolmogorov Scaling in Magnetohydrodynamic Turbulence
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Manthan Verma (Applicant)
- Journal Name: Physical Review Fluids
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 29-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 28 Days

Arnab Laha / 19203265 / CE

Findings:

- Title of the Paper: Assessing tropospheric turbulence impact on VGOS telescope placement in the Indian subcontinent for the estimation of earth orientation parameters
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Arnab Laha (Applicant)
- Journal Name:
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 31-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 30 Days

Akhilesh Patel / 20104264 / EE

Findings:

- Title of the Paper: Empowering immersive XR experience through scalable and cost-effective EPON access networks
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Akhilesh Patel (Applicant)
- Journal Name: Optical Fiber Technology
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 31-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 4 Months, 4 Days

Ayushi Chaudhary / 21107264 / CHM

Findings:

- Title of the Paper: Endocytic Uptake of Self-Assembled Iridium (III) Nanoaggregates for Holistic Treatment of Metastatic 3D Triple-Negative Breast Tumor Spheroids
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Ayushi Chaudhary (Applicant)
- Journal Name: Small
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 28-07-2021
- Date of PhD Thesis Submission: 30-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 5 Months, 2 Days

Shalini Kushwaha / 19206269 / MSE

Findings:

- Title of the Paper: Mechanical, microstructural, and fretting wear behaviour of Al₂O₃-ZrO₂-CNT based bimodal composite coatings
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Shalini Kushwaha (Applicant)
- Journal Name: Wear
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 02-01-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 6 Years, 0 Months, 1 Days

Suman Bhowmik / 20107314 / CHM

Findings:

- Title of the Paper: Ultrafast Intersystem Crossing in Benzanthrone: Effect of Hydrogen Bonding and Viscosity
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Suman Bhowmik (Applicant)
- Journal Name: Physical Chemistry A
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 31-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 4 Months, 4 Days

Rajesh Swami / 20109866 / PHY

Findings:

- Title of the Paper: Crystalline electric field and large anomalous Hall effect in the candidate topological material CeGaSi
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Rajesh Swami (Applicant)
- Journal Name: Physical Review B
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 29-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 4 Months, 2 Days

Nitesh Trivedi / 19211266 / CSE

Findings:

- Title of the Paper: Specification Inference Modulo Oracles for Database-Backed Web Applications
- Part of PhD Thesis Work (Yes / No): Yes
- Author: Nitesh Trivedi (Applicant)
- Conference Name: Asian Symposium on Programming Languages and Systems (APLAS)
- Conference Level: A
- Published / Accepted: Published
- Date of PhD Registration: 01-01-2020
- Date of PhD Thesis Submission: 31-12-2025
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 11 Months, 30 Days

Committee Decision:

- After due deliberation, the committee recommends Sri Priyanka Kommula / 20203272 / CE
- After due deliberation, the committee recommends Adarsh Singh / 20103262 / CE
- After due deliberation, the committee recommends Baisakhi Bandyopadhyay / 20204264 / EE
- After due deliberation, the committee recommends Rahul Verma / 19214266 / IME
- After due deliberation, the committee recommends Sandip Biswas / 20209267 / PHY
- After due deliberation, the committee recommends Vikas Singh / 19206270 / MSE
- After due deliberation, the committee recommends Rhitwika Chowdhury / 20107292 / CHM
- After due deliberation, the committee recommends Archana Yadav / 20207262 / CHM
- After due deliberation, the committee recommends Shobhit Singh / 20107302 / CHM
- After due deliberation, the committee recommends Moumita Akuria / 20123268 / ES
- After due deliberation, the committee recommends Md Modassir Anwer / 19204271 / EE
- After due deliberation, the committee recommends Mudasir Ahmad Sheikh / 19204273 / EE
- After due deliberation, the committee recommends Manthan Verma / 19209264 / PHY
- After due deliberation, the committee recommends Arnab Laha / 19203265 / CE
- After due deliberation, the committee recommends Akhilesh Patel / 20104264 / EE
- After due deliberation, the committee recommends Ayushi Chaudhary / 21107264 / CHM
- After due deliberation, the committee recommends Shalini Kushwaha / 19206269 / MSE
- After due deliberation, the committee recommends Suman Bhowmik / 20107314 / CHM
- After due deliberation, the committee recommends Rajesh Swami / 20109866 / PHY
- After due deliberation, the committee recommends Nitesh Trivedi / 19211266 / CSE



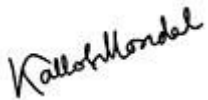
Prof. Abheejeet Mohapatra
(ADAA)



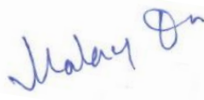
Prof. Pritam Chakraborty
(Chairperson, SPGC)



Prof. Soumya Ranjan Sahoo
(EE)



Prof. Kallol Mondal
(MSE)



Prof. Malay K. Das
(ME)



Prof. Sagar Chakraborty
(PHY)



Prof. Ashoke De
(Convener)