

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

The FARE Selection Committee (2025-26) discussed on February 23, 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:**

- One applicant from the Department of Aerospace Engineering (AE) have applied for the FARE Fellowship. His PhD thesis work has been published in conference proceeding.
- Two applicants from the Department of Physics (PHY) have applied for the FARE Fellowship. One applicant's Ph.D. work is published in a conference proceeding. The other applicant PhD thesis work has been published in Q1 journal.
- Three applicants from the Department of Electrical Engineering (EE) 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. Her PhD thesis work has been published in Q2 journal.
- One applicant from the Department of Materials Science Engineering (MSE) have applied for the FARE Fellowship. His PhD thesis work has been published in Q2 journal.

### **Details:**

**Amar Yadav / 20101263 / AE**

#### **Findings:**

- Title of the Paper: SPT: Compressible Vortex Ring Interaction with Perforated Cone Mounted on a Flat Plate
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Amar Yadav (Applicant)
- Conference Name: Proceedings of the 34th International Symposium on Shock Waves (ISSW34)
- Conference DOI / Web Link: Present
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 30-01-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 3 Days

**Harshit Tiwari / 21109866 / PHY****Findings:**

- Title of the Paper: On the absence of the ultimate regime in turbulent thermal convection
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Harshit Tiwari (Applicant)
- Journal Name: Proceedings of the National Academy of Sciences of the United States of America.
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 28-07-2021
- Date of PhD Thesis Submission: 12-02-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 4 Years, 6 Months, 15 Days

**Vishnu Kumar Tiwari / 20109869 / PHY****Findings:**

- Title of the Paper: Electronic and physical properties of the topological nodal-line semimetal candidate CoSbTe
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Vishnu Kumar Tiwari (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: 12-02-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 16 Days

**Md Hasnain Ansari / 20104290 / EE****Findings:**

- Title of the Paper: Physics-Based SPICE Model of Slant Field Plate GaN HEMTs
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Md Hasnain Ansari (Applicant)
- Journal Name: IEEE Transactions on Electron Devices
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 30-01-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 3 Days

**Riya Gupta / 20107293 / CHM****Findings:**

- Title of the Paper: Cooperativity between Intermolecular Hydrogen and Carbon Bonds in ZY $\cdots$ CH<sub>3</sub>CN/CH<sub>3</sub>NC $\cdots$ HX Trimers (ZY = H<sub>2</sub>O, H<sub>2</sub>S, HF, HCl, HBr, NH<sub>3</sub>, and H<sub>2</sub>CO; HX = HF, HCl, and HBr)
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Riya Gupta (Applicant)
- Journal Name: Journal of Physical Chemistry A
- Journal Level: Q2 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-2020
- Date of PhD Thesis Submission: 29-01-2026
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 2 Days

**Aman Kumar / 20106290 / MSE**

**Findings:**

- Title of the Paper: Delineating the role of dynamic and static recrystallization during hot working of nickel-based superalloy (IN600)
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Aman Kumar (Applicant)
- Journal Name: Materials Today Communication
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 29-01-26
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 2 Days

**Jitendra Kumar Mahawar / 20104284 / EE**

**Findings:**

- Title of the Paper: Multi-Target Control Technique for DFIG Under Unbalanced Voltage
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Jitendra Kumar Mahawar (Applicant)
- Journal Name: IEEE Transactions on Energy Conversion
- Journal Level: Q1 (Overall)
- Published / Accepted: Published
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 30-01-26
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 3 Days

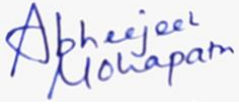
**Rahul Prakash Singh / 20104300 / EE**

**Findings:**

- Title of the Paper: Sum Rate Maximization for Beyond Diagonal STAR-RIS Assisted Near-Field ISAC Systems.
- Part of PhD Thesis Work (Yes / No): Yes
- First Author: Rahul Prakash Singh (Applicant)
- Journal Name: IEEE Transactions on Wireless Communications
- Journal Level: Q1 (Overall)
- Published / Accepted: Accepted
- Date of PhD Registration: 27-08-20
- Date of PhD Thesis Submission: 06-02-26
- Total Duration from PhD Registration to PhD Thesis Submission: 5 Years, 5 Months, 10 Days

**Committee Decision:**

- After due deliberation, the committee recommends Amar Yadav / 20101263 / AE
- After due deliberation, the committee recommends Harshit Tiwari / 21109866 / PHY
- After due deliberation, the committee recommends Vishnu Kumar Tiwari / 20109869 / PHY
- After due deliberation, the committee recommends Md Hasnain Ansari / 20104290 / EE
- After due deliberation, the committee recommends Riya Gupta / 20107293 / CHM
- After due deliberation, the committee recommends Aman Kumar / 20106290 / MSE
- After due deliberation, the committee recommends Jitendra Kumar Mahawar / 20104284 / EE
- After due deliberation, the committee recommends Rahul Prakash Singh / 20104300 / EE



**Prof. Abheejeet Mohapatra**  
(ADAA)



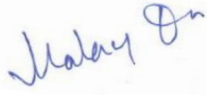
**Prof. Pritam Chakraborty**  
(Chairperson, SPGC)



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



**Prof. Kallol Mondal**  
(MSE)



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



**Prof. Sagar Chakraborty**  
(PHY)



**Prof. Ashoke De**  
(Convener)