



विश्वजीवनमृतं ज्ञानम्

अटल बिहारी वाजपेयी -
भारतीय सूचना प्रौद्योगिकी एवं प्रबंधन संस्थान, ग्वालियर
(राष्ट्रीय महत्व का संस्थान, मानव संसाधन विकास मंत्रालय भारत सरकार के तहत)

Atal Bihari Vajpayee-
Indian Institute of Information Technology & Management, Gwalior
(An Institute of National Importance under Ministry of HRD, Government of India)

Ref: ABVIITMG/2026/890

Date: 12th August 2026

Advertisement for the JRF/Project Associate Position in the DST Sponsored Project

Applications are invited from eligible candidates as a Junior Research Fellow (JRF) or Project Associate-I to work on the following project sponsored by DST under the supervision of Dr. Rahul Kala, **ABV-IIITM, Gwalior**. There is only one position available. The selections would be made for the JRF position. If no candidate is found suitable for the JRF position, candidates for the Project Associate position would be considered. The duration of the position extends upto the duration of the project (about 1.5 years). The candidates can be enrolled in the Ph.D. program as per the institute norms. The project is being done in collaboration with the University of Wisconsin—Madison, IIT Jammu and IIIT Allahabad. The candidate is expected to have active and engaging discussions between all the project partners. The details related to the project are as follows:

Project Title	DST-NSF Turning “Tragedy of the Commons ToC” into “Emergent Cooperative Behavior ECB” for Automated Vehicles at Intersections with Meta-Learning
About the Project	The objectives of this proposal include (1) understanding the fundamental automated vehicle (AV) ToC and human-driven vehicle (HV) ECB phenomena at both structured US intersections and unstructured Indian Intersections with drastically different settings, and (2) devising proper AV control to turn the AV ToC behavior into an ECB to support more efficient traffic operations. A meta-learning-based AV control framework in a realistic decentralized setting will be created to optimize mixed traffic intersection performance not only for local individual vehicles but also for overall traffic performance, which will be verified with both computer models and physics tests.
Principal Investigator (PI)	Dr. Rahul Kala
Fellowship	As per the DST norms.
Essential Qualifications for JRF	Candidates must have M.Tech/ M.S./M.E. or equivalent in CSE (Computer Science and Engineering) / IT (Information Technology) / EC (Electronics and Communication) / EE (Electrical Engineering) / ME (Mechanical Engineering) degrees or equivalent. They must also have B. Tech/ B.E./M.Sc. in CSE/IT/EC/EE/ME or equivalent. Candidates must also have qualified GATE/CSIR-UGC NET (including Lectureship/Assistant Professorship) in the relevant area for the JRF position.
Essential Qualifications for Project Associate – I	BTech/BE/equivalent in CSE (Computer Science and Engineering) / IT (Information Technology) / EC (Electronics and Communication) / EE (Electrical Engineering) / ME (Mechanical Engineering) degrees or equivalent. Applicants are preferably expected to have a GATE/CSIR-UGC NET (including Lectureship/Assistant Professorship) in the relevant area. In the absence of GATE/NET, the monthly emoluments will be in accordance with DST norms.
Desirable Qualification:	Basics of machine learning, deep learning, computer vision or robotics
Application Deadline	4 th September, 2026
Date of Interview	Only shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be provided for attending the interview. The interview will be scheduled in offline or online mode.

Application Procedure:

- Candidates are requested to send their detailed CV, including their academic details with percentage/CGPA, research works/projects, and work experience (if any) to rkala@iiitm.ac.in with the subject line as “Application for the JRF/Project Associate position in the DST sponsored project.” Also, please attach all certificates of educational qualifications, degrees, transcripts, and qualifying examinations (GATE, NET, etc.). Certificates for SC, ST, OBC, PH, EWS, etc., if relevant, should also be attached.
- Only shortlisted candidates will be informed through email for an interview. The interview will be conducted in person or online mode at ABV-IIITM Gwalior.

Notes:

- For any query regarding the position, please email Dr. Rahul Kala at rkala@iiitm.ac.in
- The duration of the position extends for a maximum of three years. If the candidate performs unsatisfactory, the position can be terminated with 1-month notice.
- Payment of fellowship is subject to the receipt of funds from the sponsoring agency.
- A JRF candidate may be promoted to the position of SRF upon completion of 2 years as per project/institute norms. A Project Associate – I candidate may be promoted to the position of Project Associate – II upon completion of 2 years and as per project/institute norms.
- Selected candidates can be enrolled in the Ph.D. program as per the institute norms.

Dr. Rahul Kala (PI)

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