



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: IT/2020/SRG/471

Date: 19th January 2021

JRF Recruitment in DST-SERB Sponsored Project (SRG/2020/000471)

Applications are invited from eligible candidates to work as a Junior Research Fellow (JRF) to work on the following project sponsored by DST-SERB (SRG/2020/000471) under the supervision of Dr. Somesh Kumar, **ABV-IIITM, Gwalior (An Autonomous Institute under MHRD, Govt. of India)**. The position is purely on temporary basis, with an initial appointment for one year, which is extendable up to one more year, solely based on performance. Further, the candidate will be encouraged for applying to regular Ph.D. program of the institute. The details are as follows:

Project Title	Design and Modeling of Ultra-Scaled Copper-Graphene Hybrid On-Chip Interconnects for Low Power and High-Speed IC Applications with Machine Learning
Project Duration	2 years
Principal Investigator (PI)	Dr. Somesh Kumar
Fellowship	Rs. 28,000/- per month with Medical allowances (as per rule).
Essential Qualifications	Candidates must be holders of M.Tech/ M.S./M.E. or equivalent in EC (Electronics and Communication)/CSE (Computer Science and Engineering)/Electrical Engineering/IT (Information Technology)/degrees or equivalent. They must also be holders of B. Tech/ B.E./M.Sc. in EC/CSE/ IT/EE or equivalent. Candidates must have BE/B.Tech. & ME/ M.Tech. in relevant branch with 1st class or equivalent either in BE/B.Tech. or ME/M.Tech.
Desirable Qualification:	Good knowledge of fundamentals in VLSI, Machine learning, and a strong desire to do research. Candidates with prior background in VLSI/Machine Learning are given preference. *Candidates meeting minimum eligibility criteria are not necessary to call for interview. Criteria's can be set to higher than minimum.
Application Deadline	28 th Feb. 2021
Date of Interview	The shortlisted candidates will be informed by e-mail about the interview date. No TA/DA will be paid for attending the interview.

Application Procedure:

- Candidates should email the detailed resume (including date of birth, contact details -phone number, email and postal address, educational/professional qualifications, NET/GATE qualification and publications) and a cover letter to the PI (somesh@iiitm.ac.in) by 28/02/2021 with the subject "Application for JRF position".
- Shortlisted candidates will be informed through email and called for interview. Interview will be conducted in-person or online mode.

Notes:

- For any queries regarding the position, please feel free to email the PI.
- The position mentioned is purely temporary basis and for the period of duration of the project (2 years). If performance of candidate is found unsatisfactory, the position can be terminated with 1-month notice.
- Selected candidate will be encouraged to join the Ph.D. program of ABV-IIITM Gwalior as per institute rules.

Dr. Somesh Kumar (PI)

Assistant Professor,

ABV-Indian Institute of Information Technology & Management (ABV-IIITM),

(An Autonomous Institute under MHRD, Govt. of India)

NH-10, Morena Link Road, Gwalior-474015 (MP) INDIA.

Tel: +91-7009594389

email: somesh@iiitm.ac.in

Webpage: <https://sites.google.com/iiitm.ac.in/skumar>