

MOB RESEARCH FELLOWSHIP (MRF)

YMCA MOB Alumni Association has offered a fellowship, named MOB RESEARCH FELLOWSHIP (MRF), for conducting research at the doctoral level.

Objectives of the Scheme

- MOB RESEARCH FELLOWSHIP (MRF) will specifically adhere to the problem of industry and the advancement in research in the pertinent area of engineering and technology.
- The research scholar having MRF will be provided ample opportunity to interact with the industry people for their research.

Scope of the Scheme

The MOB RESEARCH FELLOWSHIP (MRF) is intended to enable young scholars to pursue doctoral research in the latest technologies and other related disciplines. Doctoral Fellows can pursue their work in a recognized industry/ university. The MRF encourages original thinking in the conceptualization of the problem and the use of innovative methodology in the conduct of research related to industry.

Suggestive Priority Areas

- Industrial Engineering and Allied Technologies
- Robotics and Mechatronics
- Energy Efficiency, Renewable, and Sustainable Energy
- Electric and Hybrid Mobility
- Smart Cities, Housing, and Transportation
- IoT, IIoT, and Embedded Systems
- Nano Science and Technology
- Big Data, Machine Learning and AI
- Biomedical and Rehabilitation.
- Smart Technologies for the Agriculture and Food Industry
- Water purification, conservation, and management.
- Any other areas suggested by the Alumni Association (MOB) and Department.

Fellowship Amount

The rate of Fellowship will be Rs. 31,000/- per month for the first two years followed by Rs. 35,000/- per month for the third year onwards. HRA will be provided as per the University norms as applicable.

Expenditure on per candidate per year = Rs. 3,72,000/- + HRA as applicable (for I and II year)

Expenditure on per candidate per year = Rs. 4,20,000/- + HRA as applicable (from III year onwards)

Eligibility

1. Good Academic record with at least 60% marks at both Graduate and Post Graduate Levels.
2. The candidate should have qualified GATE/ NET during the last 5 years.
3. Candidates should not be more than 30 years of age as of the last date of receipt of applications.

Selection Criteria & Committee

Same as per Ph.D. Ordinance of the University. The selection committee will include the members of MOB.

Monitoring of Work

Doctoral Fellows will be required to submit six-monthly progress reports duly forwarded by their supervisors/Head of the Department and Research Advisors to MOB. A Committee of Experts will review the progress. Also, a research colloquium will be held two times annually where Fellows will present the progress of their research. If the progress of the research is found unsatisfactory, MOB reserves the right to terminate the fellowship at any point in time. However doctoral degree may be pursued by the candidate.

Leave Rules

Leave rules as prescribed in the case of UGC Junior Research Fellowship will be applicable. Further, MRF Doctoral Fellows will not accept any other remunerative assignment during the period of fellowship.

Application Procedure

The application should be filled in the prescribed format which will be available on the University website (www.jcboseust.ac.in). Completed application forms should be accompanied by a concept paper of about 1500 words on the theme of the proposed research, which should contain statements about (a) the rationale and objectives of the study, (b) the conceptual framework, (c) the proposed methodology, and (d) potential contribution of the study. Attested copies of all mark sheets/certificates and other documents required for Ph.D. admission as per university, should also be sent with the application.