



Chancellor's Robotics and Autonomous Systems Doctoral Fellowship

About the Fellowship

The Chancellor's Robotics and Autonomous Systems Doctoral Fellowship is a prestigious fellowship awarded to 02 outstanding doctoral candidates who want to work in the field of robotics and autonomous systems. The fellowship aims to train the next generation of innovators in the field of robotics with research areas relevant to robot perception, manipulation, computer vision, machine learning, motion planning and formation control. The vision of the programme is uniquely- or robots everywhere- enabling the students to think beyond a robot's technology and about its environment. The awardees will have access to, besides mentoring, state of art robotics lab with robotic arm, drone testbed, motion capture system, autonomous ground robots and prototyping facilities. The fellowship awards are made for one academic year and renewable up to four years contingent upon the student's academic progress.

Requirements

The awardees are expected to bring a positive and enthusiastic attitude to the lab and work collaboratively with several other lab members on this project. An open-mindedness and a willingness to learn new hardware, software and theory as the project demands is a must. The candidates should be proficient in written and verbal communication, which is necessary to collaborate effectively in a multidisciplinary team environment and present and explain the technical information. Knowledge of modelling and analysis software like MATLAB/Simulink, programming knowledge, and some understanding on hardware is desirable. Preference will be given to the candidates who have published papers in SCI/SCIE/SCOPUS indexed journals.

Eligibility Criteria

1. A Master's degree in Engineering with a minimum CPI of 7.0 on a scale of 10 from an accredited University OR a OR B.E./ B.Tech. with an excellent academic record and with a CPI of at least 8.0 (on 10-point scale) or equivalent (80% of marks). For graduate from IITs/NITs, the minimum CPI requirement is 7.0 (on 10-point scale).
2. The applicants for the fellowship must have qualified GATE.
3. Maximum age: 35 years on the date of application.

Stipend and Support

The Chancellor's Fellowship provides a stipend of Rs. 20,000/- per month. Financial support for travel and research may be available on a case-to-case basis.

Application Process

Application should be made online on the website of the institute (www.iul.ac.in). Selection of candidates will be made by the fellowship committee. For any questions related to the application, please contact Dr. Mohammad Atif Siddiqui via email at atifsiddiqui@iul.ac.in.

The following documents are required

1. A Personal Statement

Describe your personal, educational, and/or professional experiences that led you to decide to pursue advanced study in robotics in no more than 500 words. Give particular instances of your involvement in any research and/or professional endeavours. Give a succinct overview of the activities, highlight the outcomes, and talk about how they helped you get ready to pursue an advanced graduate degree. Describe your role in the activity, including how much you relied on a team or worked solo. Describe how your work has helped advance understanding in STEM domains and how it may have wider societal effects.

2. 02 Letters of Recommendation

Submit 02 letters of recommendation, at least one of which should be from a professor who has previously taught or mentored the application. The letters should be written on business letterhead and contain the following details: Name and Title of reference writer, department, and institution or organization. Each letter should provide details explaining the nature of the relationship to the applicant, comments on the applicant's potential and prior research experiences, statements about the applicant's academic potential and prior research experiences, statements about the applicant's proposed research, and any other information to enable the fellowship committee to evaluate the application.

3. Research Abstract

Give a brief summary of a unique research topic that you would like to explore in graduate school in no more than 500 words. It is acknowledged that the student will probably choose a different study topic for his or her dissertation after consulting with his or her advisor. Describe the study hypothesis, your general approach, and any special resources you may require to reach the research objective (i.e., access to national facilities or collections, collaborations, overseas work, etc.). You could decide to cite significant academic works. Discuss how the research's potential to advance knowledge and understanding in the field of study as well as its possible larger effects on society.

Terms and Conditions

1. No TA/DA will be provided to the candidate called for the interview
2. No application will be considered after due date
3. If the number of applications received are large, the selection committee may decide to restrict the number of candidates for the interview to a reasonable limit after considering qualifications and experience over and above the minimum prescribed in the advertisement
4. The decision of the selection committee will be final
5. The appointment of the candidate will be governed by the terms and conditions of the Institute/funding agency particularly applicable to the said project as and when required
6. The selected candidate will have to join duty immediately on receipt of the offer
7. Incomplete application will not be considered

RANKED AMONGST

THE TOP TWO PRIVATE UNIVERSITIES
of Uttar Pradesh in
INNOVATION & RESEARCH

Source : Scimago Institutions Ranking 2019

Celebrating
24 years of
EXCELLENCE

Recognised as a Scientific & Industrial
Research Organisation by the Department of
Scientific & Industrial Research, Ministry of
Science & Technology, Govt. of India.