SERB (KARYASHALA) sponsored
High End workshop
On
Application of Artificial Intelligence (AI) and Machine Learning (ML) Techniques in Robotics
January 06 - 13, 2023
At
CSIR-Central Mechanical Engineering Research Institute, M G Avenue, Durgapur, West Bengal, 713209

"KARYASHALA"

'KARYASHALA' scheme by SERB (DST), New Delhi aims to provide hands-on experience and knowledge to the PG and PhD students primarily from universities, colleges, academic institutions in understanding the Artificial Intelligence and Machine Learning Techniques being used in the field of Robotics and acquiring skills for implementation of the same for their own research work/ other services.

ELIGIBILITY

The scheme is meant to support ongoing PG and PhD students who are having a strong orientation towards scientific and engineering research and are pursuing their degree from University / Institution within India in the fields of Science and Engineering and having an interest in scientific research. The event is only to support/train potential PG and PhD (**Relevant areas: Robotics/ Mechatronics/ Computer Vision/ AI or Computer Sc./ Electrical/ Electronics/ Electronics & Tele-Comm./ Applied Electronics/ Instrumentation / Mechanical Engg. or IT**) level students in their endeavors for pursuing a scientific career. This karyashala is primarily for those who do not have the access to such esteemed research environment in their parent institution. Prior programming skills will be beneficial to the candidate.

IMPORTANT POINTS

➤ The period of the Karyashala is of 7 days.
➤ The candidates will learn and gather knowledge about various Artificial Intelligence, Machine Learning Techniques and their usage in Robotics.
➤ The candidates would be given tasks/assignments, on which, he/she should work and prepare a report to be submitted.
➤ A certificate regarding successful completion of Karyashala shall be issued to the candidates on satisfactory completion of the event and on submission of the assignment report.
➤ Candidates not completing the requisite period will not be issued any certificate.
➤ Lectures by eminent experts from IITs/NITs/Govt. Institutes and Organizations will be delivered in the Karyashala.

ABOUT CSIR-CMERI

CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI) was founded in February1958 and it is a premier R&D institute under the aegis of Council of Scientific & Industrial Research (CSIR), New Delhi. CSIR-CMERI has been engaged in various R&D activities and skill development programmes.

HOW TO APPLY

• **Applicant should fill the online form through the below link:**

https://docs.google.com/forms/d/e/1FAIpQLSeQX-UQwjVZdBn1svDiH31fXhi0OESny4KungG7QTfHSG6ZpQ/viewform

• **Applicant must produce a letter of authentication from their Supervisor /Head of the Department / Head of the Institute indicating their association with the Institute and "No Objection Certificate (NOC)" for allowing their student to undergo Karyashala, if selected in the prescribed format.**
• **The last date to apply:** November 30, 2022
• **Notification to selected participant:** December 03, 2022
  (Only selected candidate will be informed by email)
• **The selected candidates will have to acknowledge and accept the offer through return email by** December 10, 2022, failing which, the candidature will be cancelled.

REGISTRATION FEE

There is NO REGISTRATION FEE for the participants. The event is limited to 25 nos. of PG and PhD students only. The selection of the eligible students will be done based on the recommendations of the duly constituted Selection Committee. Hostel accommodation and travel grant by train will be provided from the SERB fund to the selected candidates as per GoI norms.

CONTACT

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