SERB (DST) Sponsored

High-end Workshop (KARYASHALA) on
Artificial Intelligence (AI) and Data Science (DS) for Industrial Applications

January 16-22, 2023

Only 25 Seats, No Registration Fee

Organized by:
AI & IoT Lab, Information Technology Group
CSIR-Central Mechanical Engineering Research Institute
(Under DSIR, Ministry of Science & Technology, Govt. of India)
MG Avenue, Durgapur – 713 209, West Bengal, India
https://www.cmeri.res.in

Important Deadlines: **Registration Link:**
Registration Opens: 15th November 2022
Last date for Application: 15th December 2022
Shortlisting of candidates: 27th December 2022
Confirmation by candidates: 03rd January 2023

ABOUT THE WORKSHOP

'KARYASHALA' is an effort of SERB under its "Accelerate Vigyan" (acceleratevigyan.gov.in) programme to improve research productivity of promising PG and PhD students from universities and colleges through high-end workshops on specific themes. This program aims to provide opportunities to acquire specialized research skills. The present workshop is of **one-week duration** and for **Twenty-five** Participants only. This high-end workshop cum training programme is aimed to support the selected candidates by their capacity building **in the field of Artificial Intelligence and Data Science** for Industrial Applications. It is planned in order to create a platform for discussions and exchange of knowledge between participants and leading experts, industry professionals, entrepreneurs who are working at the interface of these areas through sharing of knowledge about advanced AI/ML/DS algorithms, their Industrial applications, associated state-of-the-art technologies and the linked industrial case studies. Selected participants may enhance their skills in appreciating different industrial problems and applications of AI and Data Science for designing practical solutions for the same.

ELIGIBILITY & SELECTION:

Motivated **students currently pursuing their Post-graduate/ M.S./ M.E./ M. Tech./ Ph.D. degree** in any science/ engineering discipline from reputed Institutions/ Universities of India and are interested in making career, doing projects or pursuing research in the field of Artificial Intelligence and Data Science for its applications in solving practical Industrial applications. **Top 25 candidates would be selected based on criteria decided by duly formed committee** for the purpose.

IMPORTANT GUIDELINES:

- Registration can be done through online link (https://forms.gle/Cccjtg5Z2PhFwdoN8) by uploading the forwarded NoC by Institute/ College/ University in prescribed format.
- **Only 25 (Twenty-Five)** eligible candidates (as per SERB guidelines) would be shortlisted for this workshop.
- The names of shortlisted candidates would be published on the Institute's website.
- The selected **candidates will have to acknowledge and accept the offer** for participating in the workshop through return email by due date, failing which the waitlisted candidates may be given chance.
- There is **NO Registration Fee** for the shortlisted candidates.
- **Travel expenses will be reimbursed** to the participating candidates upon producing the original train tickets for traveling through shortest route as per SERB guidelines.
- The participants **will be provided lodging and boarding** in CSIR-CMERI guest house/ hostels by the organizers on room sharing basis as per SERB guidelines without any extra cost from the workshop fund.
- **100% attendance is mandatory** for travel claim and certificate.
- Upon submission of the Feedback, **Participants will receive the certificate after a Quiz/ Test** at the end of Workshop.

SPEAKERS & INSTRUCTORS:

Speakers would be from various reputed national & international organizations like CSIR's Labs, IITs, NITs, ISI, reputed industries like NVidia, Intel, TCS etc. Hands-on sessions would be conducted by the well-trained instructors who are accustomed of using various tools of the Data Science and AI. Lab visit and other orientation program may be organized subject to the availability of time and resources.

ABOUT CSIR-CMERI

CSIR-CMERI, Durgapur is a national premier R&D laboratory established in 1958 under the aegis of CSIR-India (DSIR, Ministry of Science & Technology, Govt. of India). Since its foundation, it is working towards development of cutting-edge technologies through R&D, imparts various skill-development programmes for HR development and offer research-oriented M.Tech. and Ph.D. degree programme under its academic wing AcSIR.