

Recent Advances in Metal Forming: Microstructure, Modelling and Materials for Future Automotive applications



(Under the KARYASHALA Scheme – A SERB Initiative)

March 25-31st 2024

(OFFLINE MODE: Fully Funded)

Organized by

Department of Mechanical Engineering, National Institute of Technology, Warangal.

Funded by

Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India under Accelerate Vigyan Scheme



About the Karyashala:

"Accelerate Vigyan" (AV) strives to provide a big push to high-end scientific research and prepare scientific manpower which can venture into research careers and a knowledge-based economy. The main objective of the program is to impart knowledge in the area of advances in Sheet Metal Forming. The program covers the recent advances in metal forming processes, such as microstructure based material modelling, mathematical modelling, numerical analysis of forming processes, formability of advanced high strength steels and their applications, micro forming, incremental sheet forming, hydro forming, their opportunities & challenges, formability at elevated temperatures, simulation studies, applications in the automotive and aerospace industries.

ELIGIBILITY

Karyashala is open to all the **Final year UG, PG students and research scholars** from Mechanical and allied departments. Preference will be given to the students who have an interest and background towards metal forming and deformation.

Registration Details

Registration Link: <https://forms.gle/63pyJsteMsDWeUhr6>

***Note: Only 25 candidates will be shortlisted and allowed to participate. Travel, Food and Accommodation related expenses will be borne by NIT Warangal for the shortlisted candidates. The participants must upload the endorsement certificate during registration.**

The last date for registration is 10th March, 2024

Intimation of selection through E-mail by 12th March 2024

Eminent speakers

Prof. D. Ravi Kumar, IIT Delhi
Prof. N. Venkata Reddy, IIT Hyd
Dr. K Hariharan, IIT Madras

Coordinator

Dr. Marrapu Bhargava
Assistant Professor,
Mechanical Engineering, NITW

Contact us

Phone: 9004669353

Email: bhargava@nitw.ac.in

CERTIFICATION

A certificate regarding the successful completion of workshop shall be issued to the participants by the coordinators of the concerned department on satisfactory completion of the workshop

