



COMPUTER VISION & BIOMETRICS LAB

organizes

5th One-Week Self-Sponsored Short-Term Course

(Online Mode)
on

ADVANCES IN DEEP ARCHITECTURES FOR SIGNAL, IMAGE & VISION APPLICATIONS (ADASIVA)

August 08 –13, 2022



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

*Few talks are combined with CVMI 2022 Conference keynotes.

ABOUT THE SHORT TERM COURSE

The proposed one-week course will be comprising of approximately 24-32 Hrs of sessions, including the hands on demonstration. This short-term course will be useful for the PG and PhD Students and the Young Professionals working in the recent state of the art methods in AI/ML/DL for a variety of applications of Signal & Image Processing, Computer Vision and Biometrics and pertains to how all of the approaches can be applied to research problems in real life. The course also covers essentials of machine learning, deep neural networks as well as the other models how they can be applied to solve practical problems in signal processing, image processing and computer vision. The recent trends, such as Adversarial Learning and Transformer networks will be also covered.

AREAS TO BE COVERED

- ⇒ Advances in Deep Architectures
- ⇒ Applications to Signal, Image and Video Processing
- ⇒ Fairness, Accountability, Transparency, and Ethics in Deep Learning
- ⇒ Adversarial Learning
- ⇒ Transformers - A new wave in Deep Learning
- ⇒ Other Issues and Applications of Deep Learning

REGISTRATION DETAILS

ADASIVA 2022 is an online self-sponsored short term course and the registration fee is greatly reduced. For the registration, visit <https://cvbl.iitaa.ac.in/adasiva2022/register.php> and fill up the form provided.

Category	Fee (Student)	Fee (Professional)
Indian Participants	Rs. 590/-	Rs. 1180/-
Foreign Participants	\$118/-	\$236/-

Visit <https://cvbl.iitaa.ac.in/adasiva2022/> for the details and updates.

CHAIR & CHIEF PATRON

Prof. R.S. Verma
Director (Acting), IIIT Allahabad

RESOURCE PERSONS

Prof. Bidyut Baran Chaudhuri
ISI, Kolkata

Prof. Massimo Tistarelli
University of Sassari, Italy

Prof. Xiaoyi Jiang
University of Münster, Germany

Prof. Daniel P. Lopresti
Lehigh University, USA (President, IAPR)

Prof. KC Santosh
University of South Dakota, USA

Prof. Bhabatosh Chanda
ISI Kolkata

Prof. Wei-Ta Chu
National Cheng Kung University, Taiwan

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IIT Roorkee

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DIPR, DRDO, Govt. Of India

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Springer Nature

Dr. Mohammad Javed
IIIT Allahabad

Dr. Navjot Singh
IIIT Allahabad

Dr. Anjali Gautam
IIIT Allahabad

Dr. Satish Kumar Singh
IIIT Allahabad

Dr. Shiv Ram Dubey
IIIT Allahabad

* Few speakers are from CVMI 2022 conference

CONTACT US

Coordinator and Main Teacher
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Co-coordinators
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