



SHORT COURSE

**COGNITION
&
BIOMETRICS**

29th - 30th
OCTOBER'17

📍 IIIT - Allahabad



ABOUT VENUE & ELIGIBILITY

What **is** Cognition?

Cognition is the mental action or process of acquiring knowledge and understanding through thought, experience, and the senses. It encompasses processes such as knowledge, attention, memory and working memory, judgement and evaluation, reasoning and "computation", problem solving and decision making, comprehension and production of language.

What **is** Biometrics?

Biometrics authentication is used in computer science as a form of identification and access control. It is also used to identify individuals in groups that are under surveillance.

Vision **of** Short Course?

Vision of the short course is to enrich the knowledge of the people in the field of Cognition and Biometrics.

AUDIENCE

The short course is intended for graduate students pursuing BTech, MTech, PhD, MS, MCA and even Faculty. Undergraduate students and people from industry looking for exposure or those working or planning to work in this area will also find the short course beneficial. As such there are no strict prior requisites for the program but a basic understanding of Python is expected and a mathematical background never hurts.



ABOUT VENUE & COURSE

IIIT-Allahabad was established in 1999, as a center of excellence in Information Technology and allied areas by MHRD, Govt. Of India. The institute was conferred "Deemed University" status by Govt. of India in the Year 2000 and declared as an Institute of National importance. The institute is located on a campus at Jhalwa, Allahabd. The IIIT-A Jhalwa campus is well equipped with all infrastructural and modern research facilities. The Institute is running UG, PG and PhD programs in thrust areas of Information Technology and related fields. The emphasis of these programs is the development of cutting edge technologies, R&D capabilities and igniting innovations in the students and working professionals to enable the country to emerge as leading player in the global arena.

Course Content

- > Biometrics for Humanity
- > Cognitive Biometrics
- > Multimodal Biometrics
- > Machine Learning for Biometrics
- > Python and deep learning libraries(Tensorflow)
- > Face Recognition using deep neural network
- > Image Captioning using deeplearning
- > Multimodal biometric recognition using deep architecture

RESOURCE PERSONS



Vincenzo Piuri

University of Milan, Milano
Department of Computer Science

Prof. Uma Shankar Tiwary

Professor, IIIT - Allahabad
Department of Information Technology



Prof. Shekar Varma

Professor, IIIT - Allahabad
Department of Information Technology

Dr. Satish K. Singh

Asst. Professor, IIIT - Allahabad
Department of Information Technology



COMMITTEE

Course Coordinator



Dr. Satish Kumar Singh

Teaching Assistants



Sannihith Kavala



Arun Kumar



Albert Mundu



Sumit Kumar



Anamika Jain

Student Coordinators



Sannihith Kavala



Pranay Kumar G

Important Dates

Registration Last Date : 25th October

Short Course Start Date : 29th - 30th October

Registration Fee

Rs. 1000 (Food and accommodation will be provided in guest house as per Institute rates).

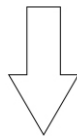
Registration Process

1. Register for Short Course of Cognition and Biometrics at

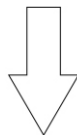
<https://goo.gl/forms/Qo40gY9KVLay0QI2>

Last date of Registration is 24th October 2017

*Only 30 seats are available, So registration doesn't mean that you are guaranteed a seat.



2. Confirmation mail will be sent on 25th October if you are in.



3. Confirm your seat with payment before 28th October. (Details will be shared through mail)

For Any Queries Contact:

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