REGISTRATION FEES

The program is divided into two phases: Basics and Advanced.

BASIC	BASIC + ADVANCE
Rs. 1300/-	Rs. 2000/-
(13-14 Jan 2018)	(19-21 Jan 2018)

The above fees include all the instructional materials, computer use for practical sessions, and internet facility. Boarding, lodging and meal charges are **NOT** included in the fees.

Concessional Fees exclusively for IIIN Students:

Course fee for Basic: 1000 / -

Course fee for Basic + Advance: 1500 / -

HOW TO APPLY

Step 1: Deposit the fees in the following account

Option 1: Cash Payment (Contact Volunteers)
Option 2: Online transfer to Gymkhana Account

Account Number:	36576120587
IFSC Code :	SBIN006702
Account Name	GYMKHANA IIIT NAGPUR
Bank Name	State Bank of India

Step 2: Visit the website: https://goo.gl/qssChQ

Step 3: Fill the registration form and fee payment details and submit.

Any sort of quesries can be addressed to the contact details given below.

Last date of registration : 6 Jan 2018

LIMITED SEATS

COURSE COORDINATORS

DR. ANKIT BHURANE

Dr. Ankit Bhurane is an Assistant Professor in the Electronics and Communication Engineering Department, Indian Institute of Information Technology, Nagpur. He received his Ph.D. from Indian Institute of Technology Bombay, India in 2016. His research interests include image processing, and scalable video coding. He has authored a few papers in the refereed journals and conferences of national and international repute.

DR. DEEP GUPTA

Dr. Deep Gupta is an Assistant Professor in the Electronics and Communication Engineering Department, Visvesvaraya National Institute of Technology, Nagpur (India). He received his Ph.D. and Master degree in Medical Image Processing from Indian Institute of Technology Roorkee, India in 2015 and 2010, respectively. Dr. Gupta is a recipient of Dr. T.K. Saksena Memorial and S. Parthasarathy award from Ultrasonic Society of India in 2016 and 2014, respectively. His research interests include medical image processing and analysis, biomedical instrumentation, signal processing and cognitive analysis. He has authored several papers in the refereed journals and conferences of international repute. He acts as a regular reviewer for reputed journals such as IEEE Transactions on Medical Imaging, IEEE Transactions on Image Processing, IEEE Signal Processing Letters, IET Image Processing, IET Computer Vision and Biomedical Signal Processing and Control Journal.

Five days, weekend

SHORT-TERM TRAINING PROGRAM

(STTP)

ON

SIGNAL, IMAGE, AND VIDEO PROCESSING WITH MATLAB®

January 13-14,19-21, 2018

Patron

Dr. Narendra S. Chaudhari

Director

Visvesvaraya National Institute of Technology, Nagpur

Course Coordinators

Dr. Deep Gupta, VNIT Nagpur

Dr. Ankit Bhurane, IIIT Nagpur

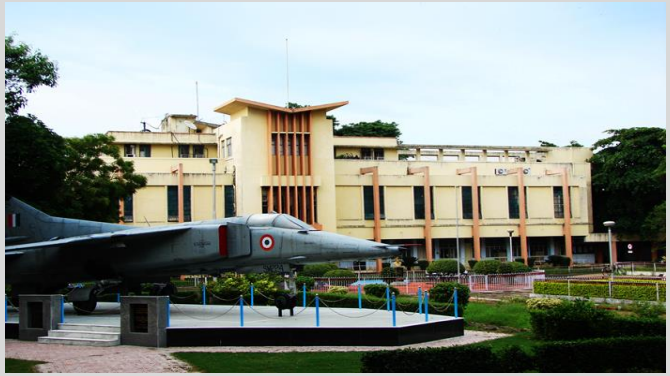
Jointly Organized By

Department of Electronics and Communication Engineering
Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur-440010
www.vnit.ac.in

Department of Electronics and Communication Engineering
Indian Institute of Information Technology CPWD Colony, Seminary Hills, Nagpur -440006
www.iiitn.ac.in

ABOUT VNIT, NAGPUR

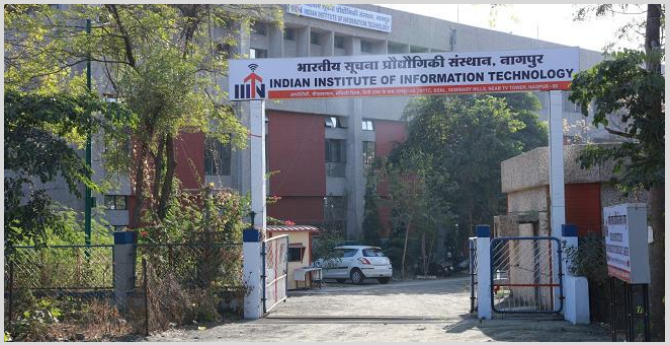
Visvesvaraya National Institute of Technology, Nagpur is one of the thirty National Institutes of Technology in the country. The Govt. of India conferred on the Institute, the Deemed to be University status (under University Grants Commission Act, 1956 (3 of 1956)) with effect from 26th June 2002. Subsequently, the Central Govt. by Act of Parliament (National Institutes of Technology Act, 2007 (29 of 2007)) declared VNIT Nagpur as an Institute of National Importance along with all other NITs. The Act was brought into force from 15th August 2007. The VNIT is located at Nagpur, very well known as 'Orange City'. Nagpur is well connected to almost all part of the country by train. The institute is about 7 km away from Nagpur railway station and can be reached by taxis, auto-rickshaws etc.



ABOUT IIIT, NAGPUR

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY NAGPUR (IIITN), is one of the Indian Institutes of Information Technology (PPP) in the country, set up with the objective of making available facilities for higher education, research and training in various fields of Information Technology. To address the challenges faced by the Indian IT industry and growth of the domestic IT market, the Ministry of Human Resource Development (MHRD), Government of India intends to establish twenty Indian Institutes of Information Technology (IIIT), on a Not-for-profit Public Private Partnership (N-PPP) basis. On the same line INDIAN INSTITUTE OF INFORMATION TECHNOLOGY NAGPUR (IIITN) is newly established Educational Institute by the Ministry of Human Resources Development, Government of India and few industry partners as Not-for-profit Public Private Partnership (N-PPP) Institution.

The Industry Partners are,
1. Tata Consultancy Services, Mumbai.
2. ADCC Infocad Ltd., Nagpur



ABOUT MATLAB

The MATLAB® (MATrix LABoratory) is one of the most popular computational tools in the world and provides an elegant way to solve range of computational problems across all domains of engineering. MATLAB comprise of various toolboxes which are used for various purposes like signal processing, image processing, computer vision, control, optimization and curve fitting. It is widely use in academics, research and industry.

ABOUT THE COURSE

The workshop will be useful for students who will be soon entering the very competitive job market. Knowledge of MATLAB will give them an extra edge in their chosen professional field. Research scholars and the faculty members planning to use MATLAB in their research and teaching are also encouraged to apply. Participants from industry are also welcome to attend. The workshop will be conducted over a span of five days and will include lectures on fundamentals of model development in various engineering discipline and their solution using MATLAB. A wide range of models and applications related to Signal, Image and video processing will be covered. Toolboxes like Digital signal processing, Image Processing and Multimedia applications will be explored. During the workshop, more emphasis will be given on the use of MATLAB as the students are already exposed to theoretical aspects during their routine coursework. Algorithms that goes behind challenging tasks like face recognition, video stabilization, and other image processing applications shall be covered in depth.

COURSE CONTENTS

The program is divided into two phases: Basic and Advance. The intended topics to be covered will include, but not limited to the following.

BASIC

1. MATLAB Language fundamentals
2. Mathematics
3. Graphics
4. Data Import and Analysis
5. Programming Scripts and Functions
6. Graphical User Interface (GUI) buiding
7. Signal Processing
8. Image Processing
9. Video Processing
10. Performance and memory, profiling

ADVANCE

Live based on applications of signal, image and video processing.

VOLUNTEERS

Aditya:	7709295605	Ashutosh:	8625061792
Yashika:	9881476995	Keerti:	8885646243

COURSE COORDINATORS

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