

## SPONSORSHIP/DEPUTATION CERTIFICATE

Mr. /Ms \_\_\_\_\_  
Working in this institute as \_\_\_\_\_  
is hereby sponsored/Deputed for the AICTE Sponsored  
QIP Short Term Training Programme and will be  
relieved, as per requirement.

Date:

Place:

Signature of Principal

Seal

### Mailing Address

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Coordinators,  
*AICTE Sponsored QIP "Short Term Training Programme  
on Advances in Signal and Image Processing"*  
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## AICTE SPONSORED ONE WEEK (QIP) SHORT TERM TRAINING PROGRAMME

on

### Advances in Signal and Image Processing (ASIP)

**May 27 -31, 2019**

**COURSE COORDINATORS**  
**Dr. M.B. Kokare and Dr. R. R. Manthalkar**

**ORGANISED BY**  
**Department of Electronics and  
Telecommunication Engineering,  
SGGS Institute of Engineering and  
Technology, Vishnupuri,  
Nanded, 431606 (MS)**

### SCOPE:

The goal of the training programme is to promote community-wide discussion of ideas that will influence and foster continued research in the field of Signal and Image Processing in India. As a result, we expect the research work to be moulded in a more polished form. The field of Signal and Image Processing is expanding rapidly with ever-new developments and applications. The applications of Signal processing and image processing encompass the fields of Communication, Industrial automation, Multimedia, and medical imaging etc. Many universities in India are offering these courses in undergraduate and post graduate programmes. Active research is being conducted in various R & D organizations and academic institutes. Hence it has become important for the educators, practicing engineers and the students, to continuously update their knowledge and skills in signal and image processing. This programme is mainly focusing on the recent advances in Signal and Image processing. It will help participants to update their knowledge and widen their horizon.

### COURSE CONTENTS:

1. Fundamentals of Signal/ Image Processing.
2. Wavelets and Applications
3. Biomedical Signal/ Image Processing.
4. Deep Learning in Signal/ Image Processing
5. Retinal Disease Screening,
6. Brain Tumor Detection and Survival Prediction,
7. Driver Assistance System,
8. EEG Signal processing
9. Hands on training on above topics

### RESOURCE PERSONS:

Many faculty members of the host institution are having expertise in Signal, Speech, Biomedical, Image Processing, and Machine Learning and are active in the research and development in this area.

Apart from the faculty of SGGS, a few guest faculty members from IIT/ NIT and Industries are going to deliver lectures.

## ABOUT SGGSI&T:



Named after the tenth Sikh Guru, Shri Guru Gobind Singhji Institute of Engineering and Technology (SGGSIE&T), Vishnupuri, Nanded was established by Govt. of Maharashtra in the year 1981 as a 100% grant-in-aid institution. The institute has been declared the status of Autonomous Institute since June 2004.

This institution runs ten Undergraduate courses leading to B. Tech. degree and ten Postgraduate courses leading to M. Tech. degree. It is also recognized as a research centre of Swami Ramanand Teerth Marathwada University, Nanded leading to award of Ph. D. degree in various branches of Engineering. In addition to this, institute has state-of-the-art Center of Excellence in Signal and Image Processing

The college campus is spread over 46 acres of land at Vishnupuri, adjacent to the Swami Ramanand Teerth Marathwada University campus and is at a distance of about 7 Km from Nanded Railway station. Nanded is a district head quarter and is famous for Sachkhand Huzur Saheb Gurudwara. It is located on the banks of holy river Godavari and is an important railway station on Aurangabad-Secunderabad line. It is connected by direct flight from Mumbai, Hyderabad, Delhi, and Chandigarh. Also it is connected by direct trains to Mumbai, Hyderabad, Delhi, Pune Nasik, and Aurangabad.

## TARGET PARTICIPANTS CATEGORIES:

- Faculty members from Engineering colleges and polytechnics recognized by AICTE (preferably for the benefit of the new entrants in this field)
- PG student and Research Scholars.
- Practicing Engineers from Industries

Participants are required to register in advance using the enclosed format alongwith registration fees.

## REGISTRATION FEE:

There is no registration fee for first thirty participants. All interested candidates are required to enclose a Demand Draft of Rs. 1000/- in favor of “**Director, SGGSI&T, Nanded**”. **Mention the course name behind the Demand Draft.** The above demand draft will be refunded for the participants who will attend all sessions. This is valid only for first 30 participants. If candidates are not selected in first thirty participants their DD will be refunded, but if they are interested in attending this STTP on self-finance basis, then they need to pay Rs. 2500/- (an additional DD of Rs. 1500/- will be accepted on the first day of the course). Candidate should complete the enclosed registration form and send by post to the coordinator along with DD. Confirmation of selected candidates will be on first come first serve basis. The completed registration form should reach to the coordinator on or before 26<sup>th</sup> April 2019.

## IMPORTANT DATES:

- Last date for registration: 26<sup>th</sup> April 2019.**
- Notification of Selected candidates: 30<sup>th</sup> April 2019.**
- Confirmation from the candidates for the course by email: 3<sup>rd</sup> May 2019.**

## TRANSPORT, BOARDING and LODGING:

First thirty participants are entitled for to and fro bus/ train fares up III<sup>rd</sup> AC by the shortest route from participants institute to SGGSI&T Nanded. Outstation participants will be provided free of cost boarding and lodging in the institute hostel. Family members of participants will not be accommodated. No TA/DA will be admissible to self-financed participants.

## REGISTRATION FORM

**AICTE QIP Short-term training programme on  
Advances in Signal and Image Processing (ASIP)  
(May 27 -31, 2019)**

•	Name:	
•	Designation:	
	Name of Institute:	
•	Mailing Address:	
	E-mail	
•	Fax:	Mob No:
•	Highest Educational Qualifications:	
•	Experience:	
•	Participants Category:	A /B / C
•	Details of reg. Fees	DD no: Drawn on:
•	Place	Signature of the Applicant

**Last date for registration is 26<sup>th</sup> April 2019**