



Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING
(Approved by AICTE & Affiliated to Solapur University)
Korti, Pandharpur.

Department of Electronics & Telecommunication Engineering

Name of Centre / Overseas Chapter:	Institution of Engineers(I) Solapur Local Centre IV Floor, 3 North Kasaba, Near Laxmi Bank, Shivaji Chowk, Solapur - 413001
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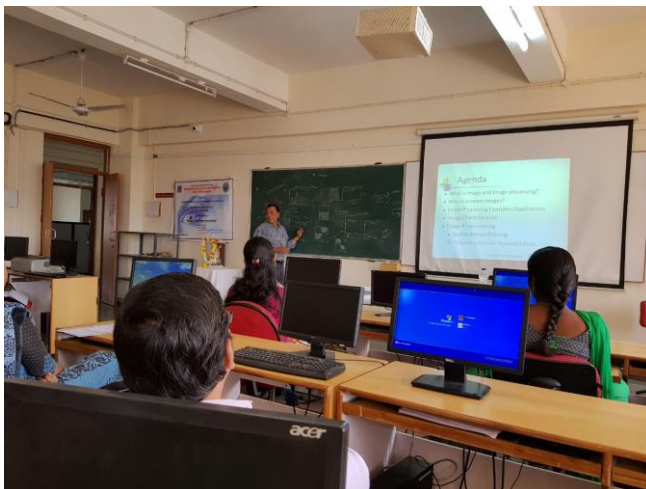
Title of Activity:	One Day Workshop on "Image and Video Processing"		
Activity under Divisional Board	Electronics and Telecommunication Engineering		
Date:	08-12-2017	Venue:	SKN Sinhgad College of Engineering, Korti, Pandharpur



Inauguration Function: Mr. A. O. Mulani , Prof. Dr. S. N. Talbar, Mr. A. B. Jagadale (L to R)
Felicitation of Chief-Guest



Inauguration Function: Mr. A. O. Mulani , Prof. Dr. S. N. Talbar, Mr. A. B. Jagadale (L to R)
Anchoring by: Ms. Sonia Navale



Participants: Head of Department, Professors (E&TC and Electrical Engineering department) and Students of ME (Electronics)



- Dr. Sanjay Talbar (Professor E&TC Department SGGSIET, Nanded)

Discussing about the

- Transforms for image and video processing.
- Watermarks

Participants: Faculty members (E&TC and Electrical Engineering department) and Students of ME (Electronics)



- Prof. Narendra Wagdarikar (SKNCOE, Vadgaon Bk., Pune)

Discussing about the

- Theoretical basics of Image processing.



Valedictory Function: Mr. Siddeshwar Gangaunda , Mr. Altaaf Mulani, Prof. Dr. S. N. Talbar (L to R) Participants were motivated by giving away the “Participation Certificates”. Also they have shared the genuine feedback and provided suggestions about event.

Report of One-Day Seminar/Workshop

Brief Details about the Programme:

The Institution of Engineers (India) Solapur Local Centre (IEI-SLC) organized a one day Workshop on the topic of “Image and Video Processing” on Friday, 08th December 2017 at S.K.N. Sinhgad College of Engineering, Korti, Pandharpur. Total 27 participants had enrolled and attended this Workshop.

The workshop was inaugurated by Chief Guest Dr. S. N. Talbar, Professor, E&TC Department SGGSIET, Nanded. The President for program Prof. A.O.Mulani (HOD. E&TC, SKN SCOE, Korti) addressed the students. For the forenoon session, the resource person was Dr. S.N. Talbar. Prof. A.B.Jagdale (LM, IEI and Head, Incubation Cell) appreciated the initiative of arranging this workshop. He also mentioned the opportunities in the Image and Video Processing in research and applications.

Forenoon session of program started with welcome speech of staff coordinator Prof. S.V.. Surwase (Head P.G Electronics). She introduced the guest and speaker of the program & gave introduction about IEI-SLC. She also encouraged students to become member of IEI. Prof G. V. Linge (Co.Convener) expressed his opinions . The anchoring of overall session was done by Ms. Sonia Navale.

Dr. S.N. Talbar then started the workshop very enthusiastically and gave basic knowledge of Image Processing, Various transforms and compression techniques.

In afternoon session Dr.S.N.Talbar conducted hands on practical session on mathematical modeling of image processing algorithms by taking various examples in a way it became handy for participants to understand.

Both the sessions were very interactive.

Details of the Sessions:

Inaugural Session : Time 10.00 am to 10.30 am

Session I: Time 10.45 am to 1.00 pm

Resource person **Prof. S. N. Talbar** discussed about – image processing basics in brief. Robust He also discussed about Digital Watermarking Using DWT and DCT. He explained concepts like machine learning and Deep Learning regarding research work. He took question-answer session at last to clear all doubts of participants.

Session II: Time 02.00 pm to 3:45 pm

In afternoon session Dr. Narendra Wagdarikar conducted session on video processing. He explained and took practical on mathematical modeling of image processing algorithms by taking various examples in a way it became handy for participants to understand.

Session III: Time 04:00 pm to 5:20 pm

To get acquainted with the image and video processing using MATLAB, the resource person **Dr. S. N.**

Talbar conducted hands on session. He also gave some problems to solve from the image processing like to calculate signal to noise ratio using various transforms and so on. Students of ME Electronics got their doubts cleared during the session.

In the valedictory function participants expressed their experiences regarding the different sessions & also about the overall seminar. Certificates were distributed to the participants by resource persons. Mr. Siddeshwar Gangounda proposed vote of thanks on behalf of Sinhgad Institute

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Technical Session I	1. Lecture by: Prof.S.N.Talbar
Day-1 (Afternoon) Technical Session II	1. Lecture by: Prof. Narendra Wagdarikar
Day-1 (Afternoon) Technical Session III (hands on session)	1. Hands on session using MATLAB by Dr. S. N. Talbar