



Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Academic year 2020-21

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	Webinar on " Speak to Inspire"	Soft skill	Click Here
2	Guest Lecture on "Current Industries Scenario and Its Expectations"	Soft skill	Click Here
3	A talk on "Future Prospects in Engineering " By Mr Sachin Satpute	Soft skill	Click Here
4	A Talk on "Role of Education in the 21st Century " By Mr. Anup Agrawal	Soft skill	Click Here
5	A Talk on Career Opportunities in Engineering	Soft skill	Click Here
6	Japanese Language Course by ,Mr. Nilkanth Wankhade, Foreign Language Trainer, Surani Academy,Akola	Language and Communication Skills	Click Here
7	Expert Talk on "Education through Devlopment" Dr Yogesh Kulkarni	Language and Communication Skills	Click Here
8	Importance of YOGA by Mrs S.S.Gachake	Life Skills	Click Here




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
INFORMATION TECHNOLOGY STUDENT ASSOCIATION

SPEAK TO INSPIRE

This Webinar “Speak To Inspire” was conducted on 18th Oct. 2020 via online platform “MICROSOFT TEAMS”. The Webinar was held in presence of HOD of I.T Department Mr. Amit Manekar Sir. It was led and executed successfully by the ITSA team under the Guidance of Faculty Advisor P.H. Gohatre Sir.

The Resource Person and attraction of the webinar was Mr. Sujeet Soni Sir who is an Employee of most prestigious firm “Amazon” at post of Software Development Engineer. He had completed his B.Tech from OP Jindal University. He had also been to Android Development Internship and been a Smart India Hackathon Finalist. Also the main focus of the webinar was on students placement and difficulties they may face while this process. It was a Question-Answer Session between students and Soni Sir. The present audience took great interest in asking questions and the solution was given greatly by Soni Sir.

The webinar started with a Welcome note by Miss. Sayali Marathe, then the Q&A round begins. The first question was asked by Mr. Sudhir Sir on behalf of students. The questions like importance of connecting with office colleagues and C.G.P.A requirement for campus placement were asked. One question which I think of at most important of finding jobs was asked, on which Sujeet Sir answered as keep hustling on LinkedIn and online portals was the major attraction of the event. The importance of Data Structure, DSS, Hackathon, Competitive programming, Certification Courses, ON campus and OFF campus placement issues were also discussed. He also shared his personal experience of working with Amazon and what one must learn to be placed in renowned companies with the students. The questions related to coding, DSA, array, tree graph, etc were also asked by the students. At last Soni Sir advised students to be bound and determined to their goals. The Guidance by Sujeet Soni Sir will be very useful for all year students so we hereby thank him for his precious time and interaction with us.

The vote of thanks was given by Miss. Rutuja Ingole by the permission of “ ” and hereby concluded our 1hrs Q&A session.

The webinar was Successful enough to gather around as much as 100 participants.

This webinar “Speak To Inspire: Session 2” was conducted on October 19, 2020 in the evening at 5 pm, via online platform “ YouTube ”. The webinar was held under the presence of HOD of I.T Department Mr. Amit ManekarSir . It was led and executed successfully by the ITSA team under the Guidance of Faculty Advisor Mr. P.H.Gohatre Sir.

SPEAK TO INSPIRE : SESSION 2

The main Speaker and attraction of the webinar was “Miss. Manali Modi” and “Mr. AjinkyaBawaskar”, the alumni of ‘SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING’. The main focus of the webinar was on students’ campus placement and whatever difficulties students’ face now-a-days. It was a Question-Answer Session between students and Speakers. The attendees took great interest in asking questions and the solutions were given gracefully by the Speakers.

The webinar started by the introduction of the Speakers. Then they shared their experience regarding campus placements and the obstacles they faced during the rounds of placement. Then the attendees asked queries which were then solved by the speakers. The questions were based on pool campus, off campus placements. The speakers also guided us about the reputed companies like TCS, IBM, BYJU’S, VM, WIPRO, etc.

They provided informative guidance about campus placement like how to build a strong profile on LinkedIn, how to get technical skills strong in this competitive world, significance and maintainance of SGPA/CGPA. During the studies of Bachelor degree they told us to focus mainly on Bubble Sort Algorithm and some vital programming skills, etc. In this way, the informative session continued till 6.30 pm. We are grateful to the Speakers that they gave their precious time and valuable guidance in their busy schedule. So at last, the session was successfully terminated.

The webinar was successful enough to gather around as much as 65 participants .



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON



INFORMATION TECHNOLOGY STUDENTS ASSOCIATION
PRESENT

SPEAK TO INSPIRE WITH SUJEET SONI



SUJEET SONI



SOFTWARE DEVELOPMENT ENGINEER
AT AMAZON

01010101
01010101
01010101



18 OCT 2020
4:00 PM

ON

MICROSOFT TEAMS



REGISTER
HERE

PROF. P.H. GOHATRE
FACULTY ADVISOR, ITSA

PROF. A.S. MANEKAR
HOD, IT DEPARTMENT

DR. S.B. SOMANI
PRINCIPAL



Circular



**SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING,
SHEGAON**



INFORMATION TECHNOLOGY STUDENTS ASSOCIATION
PRESENT

SPEAK TO INSPIRE SESSION 2



MODERATE BY

**MANALI MODI &
AJINKYA BAWASKAR**



REGISTER
HERE

**19 OCT 2020
5:00 PM**

ON
YOUTUBE

PROF. P.H. GOHATRE
FACULTY ADVISOR, ITSA

PROF. A.S. MANEKAR
HOD, IT DEPARTMENT

DR. S.B. SOMANI
PRINCIPAL

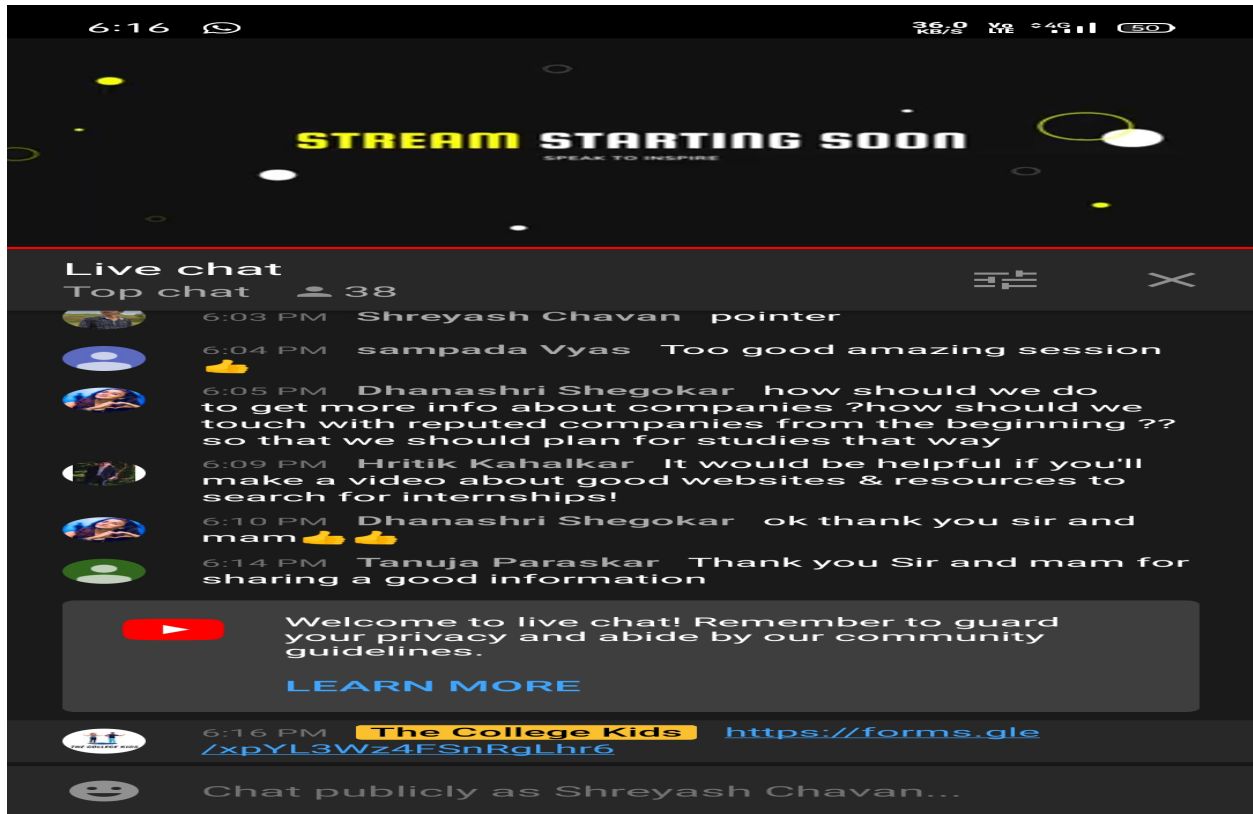


Circular

Screenshots of Event:



Online webinar by Ms Manali Modi conducted on 19-10-2020



students expressing their view about program through chats

Prof.A.SManekar
HoD,IT



SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, SHEGACN
ISTE Student's Chapter
Session: 2020-21



Date: 12/02/2021

All the students are hereby informed that our ISTE committee has organized an online webinar on "Current Industries Scenario and Its Expectations" by Mr Pradip Samalwar. He is having 17 years of work experience with prestigious organizations and specialized in learning and organizational development talent management and facilitation.

Date: 14th February 2021

Time: 11:00am to 12:00pm

Platform: Microsoft Teams

There is no entry fee for this webinar.



Interested students can register at <https://forms.gle/xcZnMTeg8AMQo7rz9>


For any queries, contact Shachi Chaware or Akanksha Hurpade.


Contact Details:

Shachi Chaware: 8999230869

Akanksha Hurpade: 9545898198

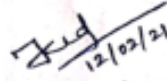

Prof. Ms A A Deshmukh



Prof. K V Chandan


Prof. M: K P Sable


Prof. R K Mankar

Department Coordinators

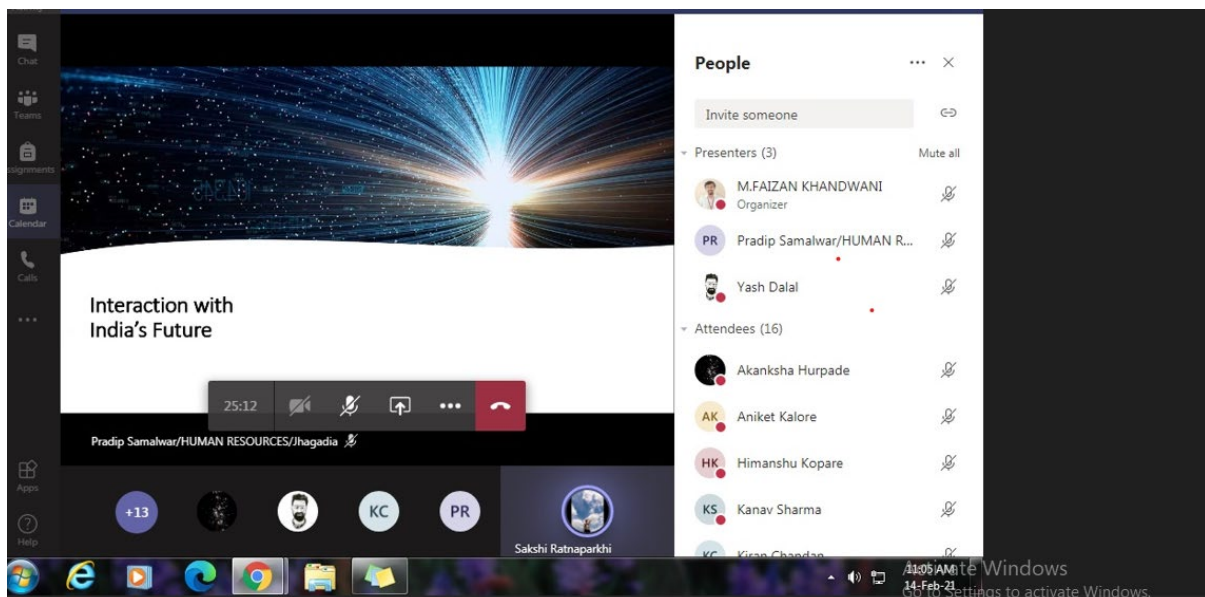

Faizan I Khandwani
Faculty Advisor


Prof. A S-Manekar
HOD, IT

Circular

Poster:

Photos



Live Session Screenshot of guest lecture by Mr Samalwar date :14-02-2021



A

Report

on

**“Future Prospects in Engineering “
Student Orientation and Induction Program**

Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana



WE WELCOME



SACHIN SATPUTE

Director
MIT Skills
Pune

AS
SPEAKER

Flayer



Live session By Sachin Satpute Date 19-01-2021



A

Report

on

**“Role of Education in the 21st Century”
Student Orientation and Induction Program**

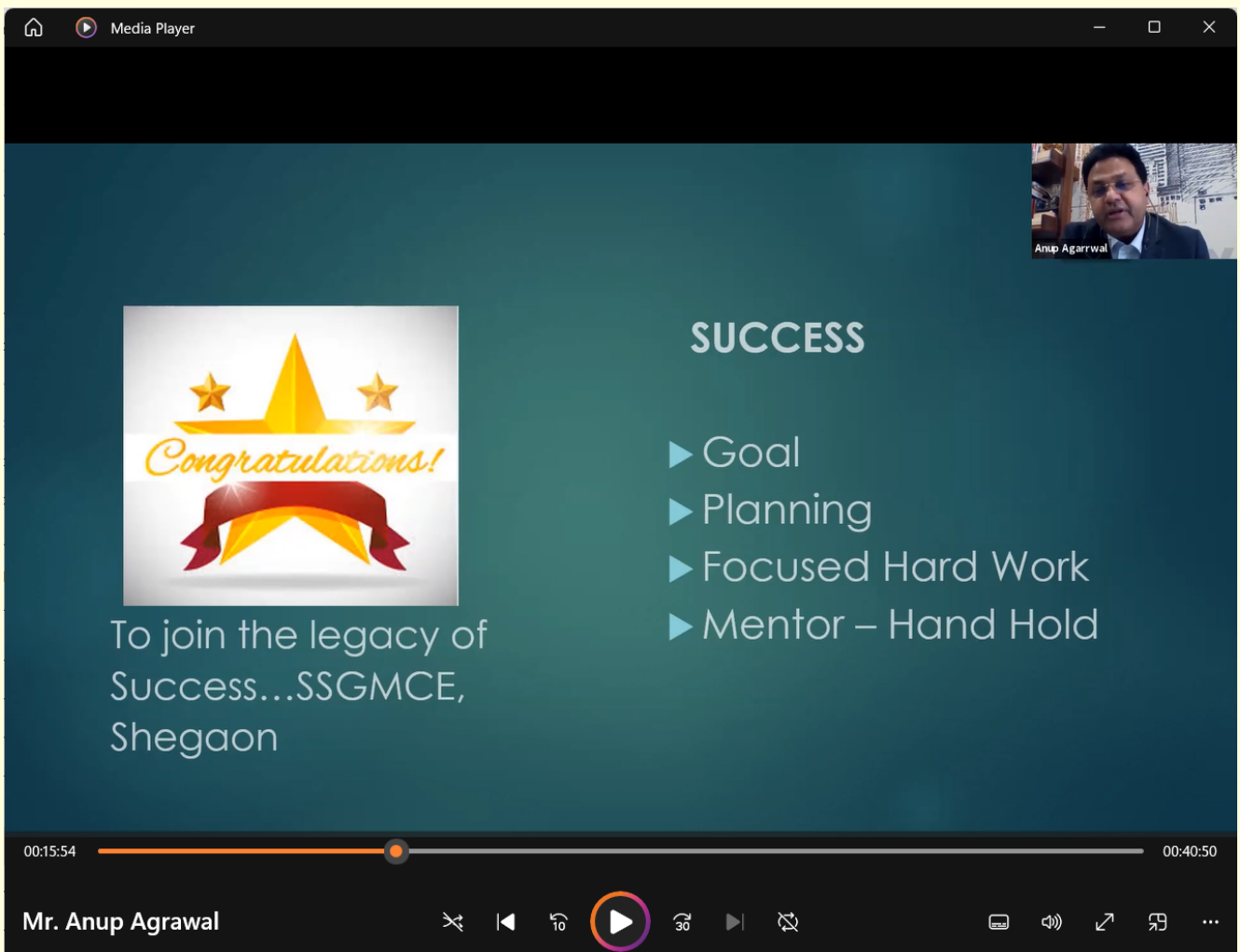
Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana





Online interaction by Mr Anup Agrawal



Mr Anup Agrawal interacting with students Date:20-01-2021



A

Report

on

**“Career Opportunities in Engineering “
Student Orientation and Induction Program**

Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana






Screenshot of Live Session by Mr Khope Date: 19-01-2021

Media Player

Clarify Your Goal
Make your own Path
Follow your Passion

Never Give up
Stay Positive
Generate new Ideas



01:07:27 00:05:04

Mr. Rajendra Khope

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Rajendra Khope

Mr. Khope guiding students

Shet
Prof. S. V. Bhagat
Coordinator, Orientation Program

Patil
Dr. N. A. Patil
Prof. & Head-A. S. & H.



A

Report

on

“Japanese Language Course “

Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana



Sr No	Title of Activity	Japanese Language Course
1	Speaker	Mr. Nilkanth Wankhade, Foreign Language Trainer Surani Academy Akola
2	Co-Ordinator	Prof H.S.Patil
3	Co-Coordinator	Dr.N.A.Patil
4	Schedule of Activity	July to December 2020(N5 Level) and February to June 2021(N5 Level)
5	Time	8am to 10am
6	Objective of Activity	<ol style="list-style-type: none"> 1.Develop basic language proficiency in Japanese, covering fundamental skills such as listening, speaking, reading, and writing. 2.Enable students to communicate effectively in everyday situations, such as greetings, introductions, and simple conversations. 3.Introduce students to a selection of essential kanji characters, focusing on those commonly used in everyday contexts and basic communication. 4.Teach fundamental grammar rules and sentence structures to allow students to construct simple sentences and express basic ideas. 5.Prepare students for Japanese language proficiency exams (JLPT), providing guidance on exam formats, content, and strategies for success.
7	Venue	D1 Classroom
8	No. of Beneficiaries	Total- 08
9	POs Addressed	PO10, PO12

About Program:

The primary aim of this program is to enable students to develop comprehensive proficiency in the Japanese language, encompassing listening, speaking, reading, and writing skills, along with a deep understanding of Japanese culture, to empower them for effective communication and engagement in diverse contexts.

Speaker Profile: Mr. Nilkanth Wankhade, Foreign Language Trainer, Surani Academy, Akola

Topics Covered: Japanese Language Course

Learning Outcomes:

1. Students achieved a foundational level of proficiency in listening, speaking, reading, and writing in the Japanese language.
2. Students gained an ability to engage in basic conversations, express ideas, and understand simple spoken and written Japanese Career Advantages:
3. Students gained Proficiency in reading and writing the basic Japanese scripts.
4. Improved confidence in using Japanese, leading to increased participation in conversations and activities.
5. Improved reading comprehension skills through exposure to various written materials.
6. Readiness to take Japanese Language Proficiency Test (JLPT) exams at an appropriate level, demonstrating language proficiency
7. Ability to construct basic written sentences and short paragraphs in Japanese.



A

Report

on


**“Education Through Development “
Student Orientation and Induction Program**

Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana



Education through Development



www.vigyanashram.com

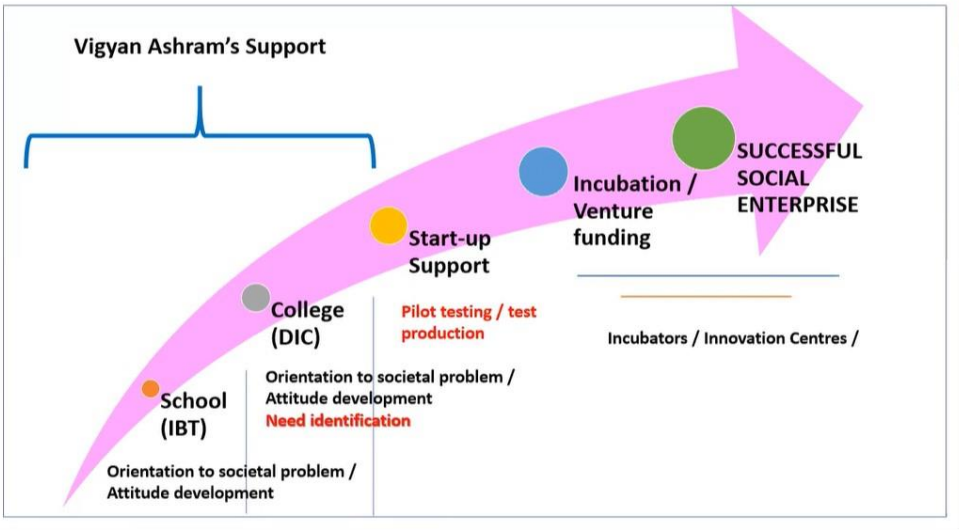


Yogesh Kulkarni Vig...

Online session by Dr. Kulkarni :Date 23-01-2021

Media Player

Vigyan Ashram's Support



School (IBT)
Orientation to societal problem / Attitude development

College (DIC)
Orientation to societal problem / Attitude development
Need identification

Start-up Support
Pilot testing / test production


Incubation / Venture funding
Incubators / Innovation Centres /

SUCCESSFUL SOCIAL ENTERPRISE

00:35:46 00:18:12

Dr. Yogesh Kulkarni

Item selected: 2017.MK



Yogesh Kulkarni Vig...

Dr. Kulkarni guiding student



A

Report

on

“Importance of YOGA “

Academic Year 2020-21

Shri Sant Gajanan Maharaj College of Engineering,
Khamgaon Road, Shegaon, Dist: Buldhana



← In the meeting (245) 🔍 Mute all

	Ku.Pravadnya More		
	Ku.Riya Chikankar		
	Ku.Riya Dangra		
	Ku.SAKSHI AWCHAR		
	Ku.SHARVARI LAHANE		
	Ku.Shruti Gadhawe		
	NAYAN CHANDANKHE...		
	PALLAVI BORSE		
	Prajwal Gawande		
	PRASHANT DAN...		
	Pratham Paunik		
	Prathamesh Tha...		

Sneha G

Online Session on Yoga by Mrs Sneha Gachake



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

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Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Academic year 2020-21

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	Webinar on Identifying Innovative Project Ideas	Awareness of trends in technology	Click Here
2	Seminar on insights into Image Processing using Computer Vision and ML	Awareness of trends in technology	Click Here
3	Three Days workshop on Interactive Programming session	Awareness of trends in technology	Click Here
4	Workshop On "Wire Antennas: Design , Analysis And Optimization"	Awareness of trends in technology	Click Here
5	"Real Time Computer Vision Application Using Python With Webcam	Awareness of trends in technology	Click Here
6	Workshop on "RF Circuits and Antenna"	Awareness of trends in technology	Click Here



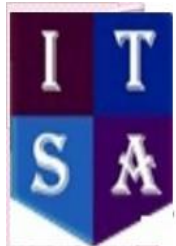

PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON
DEPARTMENT OF INFORMATION TECHNOLOGY

Report of Webinar By Mr. Hemant Barapatre on "Identifying Innovative Project Ideas"

Department of information Technology Organised a webinar for SSGMCE, Students on "Identifying Innovative Project Ideas" by Mr. Hemant Barapatre, Founder & CEO of Cluebix Technologies, Nagpur. On Thursday 27 August 2020 at 4:00 PM.

Poster:



SSGMCE, Shegaon Department of Information Technology

Webinar on

"Identifying Innovative Project Ideas"

Registration Link : <https://forms.gle/RoJvDRzn9jHzNhH16>

or scan QR Code for registration

Registrations open till: 26th August 2020 6:00PM



Webinar Date: 27th August 2020

Timing: 04:00PM

Platform : Microsoft Teams (Link will be shared with Registered Students)



Speaker:

Mr. Hemant Barapatre

CEO & Founder, Cluebix Technologies Nagpur

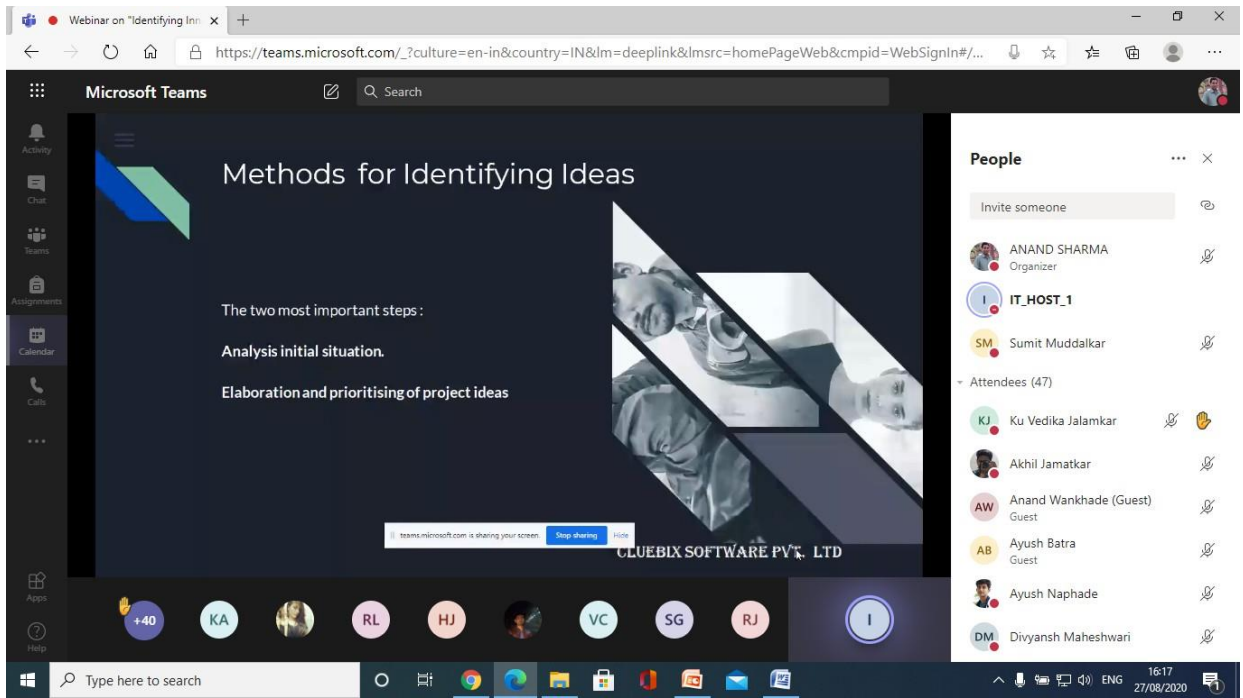
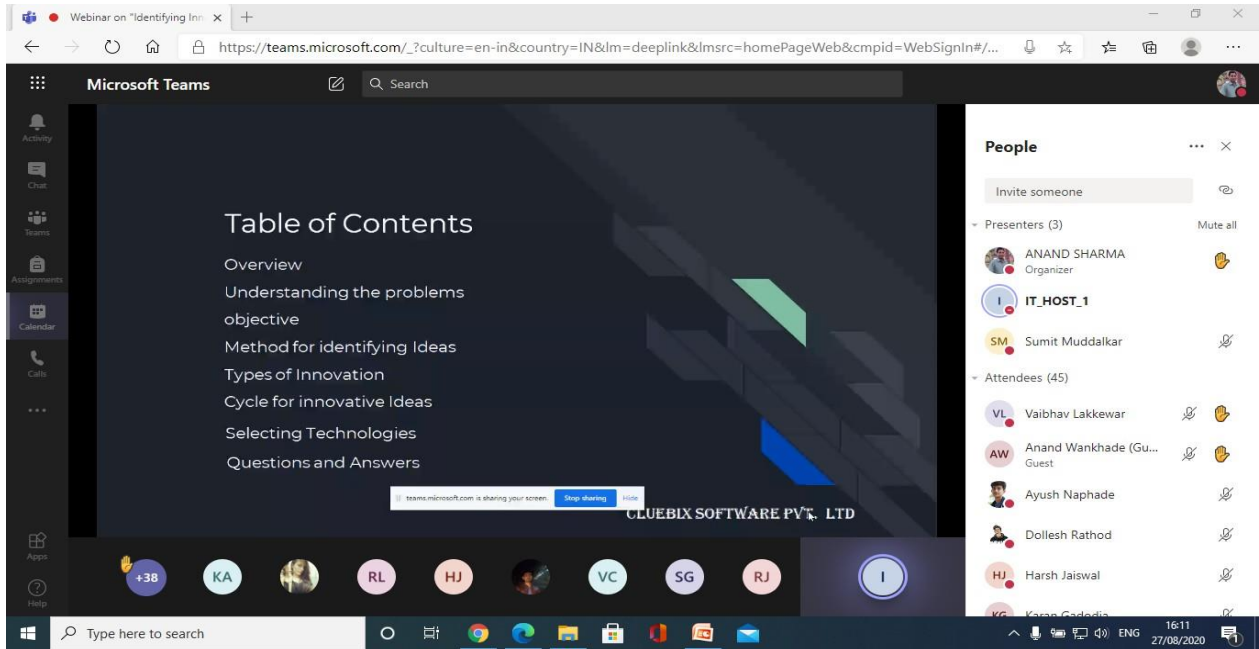
Prof. A G Sharma
Coordinator

Prof. A S Manekar
HOD, IT

Dr. S B Somani
Principal, SSGMCE, Shegaon

Flayer

Screen Shots:



Mr Barapatre conducting online session Date 27-08_2020

Organized By: Department of Information Technology

Event: Seminar on Insights into Image Processing using Computer Vision and Machine Learning.

Date: 29th August 2020.

Timing: 01:00 – 02:00 PM

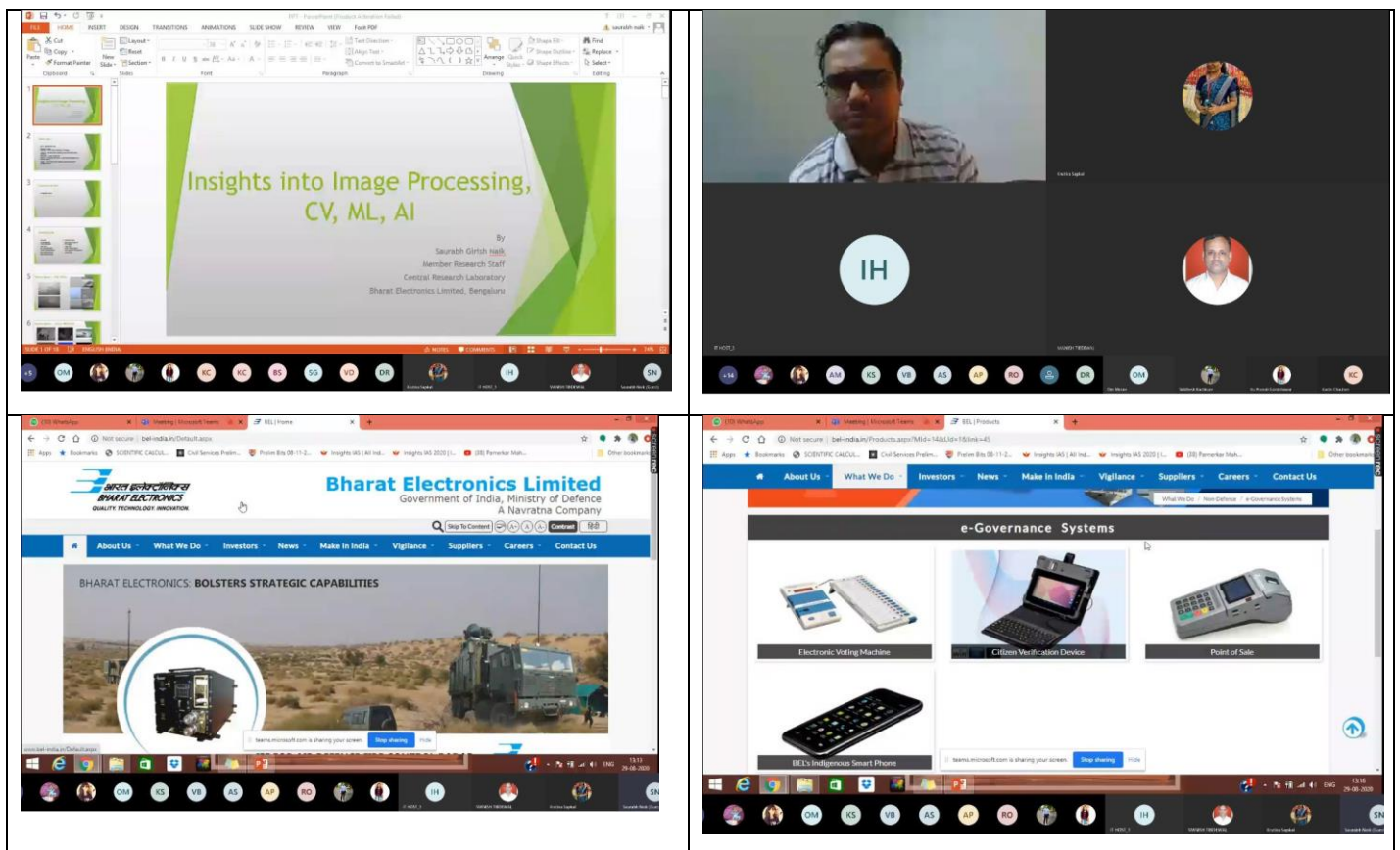
Venue: Microsoft Teams Platform

Participants: Students, Teaching Staff, SSGMCE, Shegaon.

Resource Person: 1) Mr. Saurabh Naik, Member Research Staff, CRL-Bharat Electronics Limited, Bangalore
B.Tech (NIT, Surathkal), M.Tech (IIT, Kharagpur)

Event Coordinator: 1) Prof. Krutika Sapkal, SSGMCE, Shegaon, 2) ITSA, 3) ACM Students Chapter

Purpose/Objective: The objective of the Seminar was to enlighten the Students and Teaching Staff about the current and ongoing projects on Image Processing, computer Vision and Machine Learning in the Government and Defense Sectors in India.



Mr Saurabh Naik interacting with students : Date 29-08-2020

Prof. A S Manekar

REPORT OF WORKSHOP

The Department of Information Technology successfully organized three day workshop on “Interactive Programming Sessions” for the students (all the branches) of institute on dated: 5th, 6th and 12th June 2021, on Microsoft Teams.

In the workshop **Mr. Ajinkya Bawaskar, Software Engineer, Global Logic** discussed about the preparation for campus placement, best programming language, projects, internship, open source technologies, technical concepts of C, C++, Java, OOP, Spring, RESTful API, GIT and idea validation. Total 97 participants were registered and approximately 40 students attended and benefited by the workshop.

Scheduled:

Date	Time	Contents
05/06/2021	9.30 AM to 11.00 AM (Session1)	<ol style="list-style-type: none">1. Brief idea about campus placements- with focus on technical round. General discussion about programming difficulty level & theory subjects to study for it.2. Programming languages- which is the best programming language and which one should you learn?3. Projects- What projects to do and why are they important? How to choose what projects to do and how to demonstrate them.4. Internships- Should you do internships and discussions surrounding it. (Bonus: Paid internship offer with PPO)5. Introduction to Open Source- What exactly is Open Source and why should you care?6. Where is the industry heading? What technologies are trending and have relatively better scope.
05/06/2021	6.00 PM to 7.30 PM (Session2)	<ol style="list-style-type: none">1. Programming in C/C++: Introduction, variables, data types, conditionals, loops, and data structures,2. Introduction to competitive programming and why it matters.3. Solving a few questions from easy to difficult: main idea behind this will be how to understand questions, how to think about the approach and finally how to implement it.
06/06/2021	11.00 AM to 12.30 PM (Session3)	<ol style="list-style-type: none">1. Programming in Java: Introduction to JVM, JRE and Java specific features.2. Introduction to OOP paradigm: Layman's approach to OOP and surrounding concepts.

		3. Dependency injection and frameworks: how to use Java in projects.
06/06/2021	6.00 PM to 7.30 PM (Session4)	1. Programming in Spring: Developing projects in Java using the Spring framework 2. Brief introduction to relational databases: followed by database connectivity in applications. 3. What is API? What is a RESTful API? Implementing RESTful API in Spring Boot.
12/06/2021	11.00 AM to 12.30 PM (Session5)	1. Git & version control - What is git and why should you learn it? Fundamentals of version control, setting up and working with git (not GitHub). Git commands and usage, git cheat sheet. 2. Development to Deployment - Traditional vs modern technologies, monolith vs microservices, Introduction to cloud and associated technologies.
12/06/2021	1.30 PM to 2.30 PM (Session6)	1. Idea validation - Let's hear your ideas and evaluate them collectively. Brainstorming ideas about projects, technologies and businesses. 2. General discussion and feedback. What steps can you take next? 3. Q&A session

Poster:

**SHRI SANT GAJANAN MAHARAJ COLLEGE
OF ENGINEERING .SHEGAON**

**Interactive
Programming Session
2021**

Date: June 5,6,&12
 Fee structure: Free for all (Tentative)
 Sunday Morning session: 11AM to 12:30PM
 Saturday Morning session: 9:30AM to 11PM
 Evening session: 6PM to 7:30PM

Ajinkya Bawaskar
 Software Engineer, GlobalLogic
 Batch of 2020, CSE, SSGMCE

Note : E-certificate will be provided to all the participants

Prof. S. D. Padiya/ Prof. A. S. Manekar
Workshop Coordinators

Prof. A. S. Manekar
HOD, IT

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

“ WIRE ANTENNAS: DESIGN , ANALYSIS AND OPTIMIZATION”

Event Title: Wire Antennas: Design, Analysis and Optimization.

Date: 03 August 2020 to 07 August 2020

Location: Shri Sant Gajanan Maharaj College of Engineering, Shegaon.

Organizing Committee: Students Activities Committee, IEEE Bombay Section

Workshop Facilitators: IEEE team and, SSGMCE.

Number of Participants: 71 Student

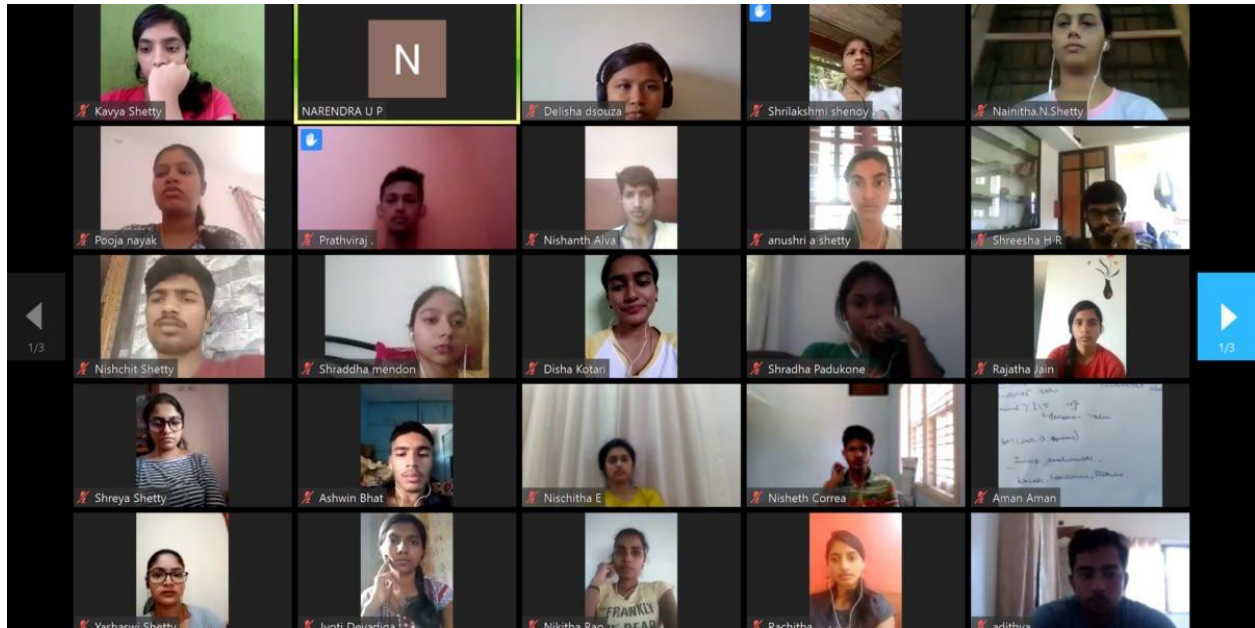
Workshop Objectives:

1. To understand Fundamentals of RF.
2. Radiation Concept , Introduction to 4NEC2X:
3. Design Simulation and optimisation of Antenna.

Event Highlights:

- The workshop took place over a five-day period, from August 3, 2020, to August 7, 2020.
- It was organized by the Students Activities Committee of the IEEE Bombay Section, in collaboration with the SSGMCE.
- A total of 71 students actively participated in the workshop.
- The workshop provided a comprehensive understanding of RF fundamentals, radiation concepts, and the use of 4NEC2X software for antenna modeling.
- Participants had the opportunity to engage in practical activities related to designing, simulating, and optimizing wire antennas.

Photo:



students attending session on Wire Antennas: Design, Analysis and Optimization: Date 03-08-2020



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Electronics & Telecommunication Engineering
and



IEEE Student's Branch, #61661

One Week Hands-On Online Workshop on
"Wire Antennas: Design, Analysis and Optimization using 4NEC2X"
(03-07, August 2020)

Programme Contents and Schedule

Sr. No.	Programme Details	Timings
Day 1	Session I I. Inaugural II. Introduction to Electromagnetics III. Fundamentals of RF	03.00 PM to 05.00 PM
Day 2	Session II I. Introduction to antennas: <ul style="list-style-type: none">• Radiation Concept• Types of Antennas• Antenna Basic Parameters• Antenna Applications II. Installation of 4NEC2X (Hands-on)	03.00 PM to 05.00 PM
Day 3	Session III (Hands-on) Introduction to 4NEC2X: <ul style="list-style-type: none">• Dipole Example• Dipole over ground• Dipole using thick wires• Optimization of Dipole	03.00 PM to 05.00 PM
Day 4	Session IV (Hands-on) <ul style="list-style-type: none">• Your First Design of Wire Antennas-Dipole• Design, Simulation and Optimization of Monopole	03.00 PM to 05.00 PM
Day 5	Session V <ul style="list-style-type: none">• Design, Simulation and Optimization of 3-element and 5-element Yagi-Uda (Hands-on)• Valedictory and Feedback	03.00 PM to 05.00 PM

Online Platform: Google Meet / Microsoft Teams

Resource Person: Prof. Vivek Ratnaparkhi, SSGMCE, Shegaon

Register Online: <https://forms.gle/dMtPjTMZx6mcdqnG9>

Dr. Pravin Wankhede
Branch Counselor
SSGMCE IEEE Students' Branch

Dr. G. S. Gawande
Head, E & TC Dept

Dr. S. B. Somani
Principal



Screenshot of the Online Event By Mr V V Ratnaparkhi

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

**“REAL TIME COMPUTER VISION APPLICATION USING PYTHON WITH
WEBCAM”**

Event Title:Real Time Computer vision application using python with webcam.

Date: 16 August 2020 to 21 August 2020

Location: Shri Sant Gajanan Maharaj College of Engineering, Shegaon.


Organizing Institute: Students Activities Committee, IEEE Bombay Section

Workshop Facilitators: IEEE team and, SSGMCE.

Number of Participants: 50 Student

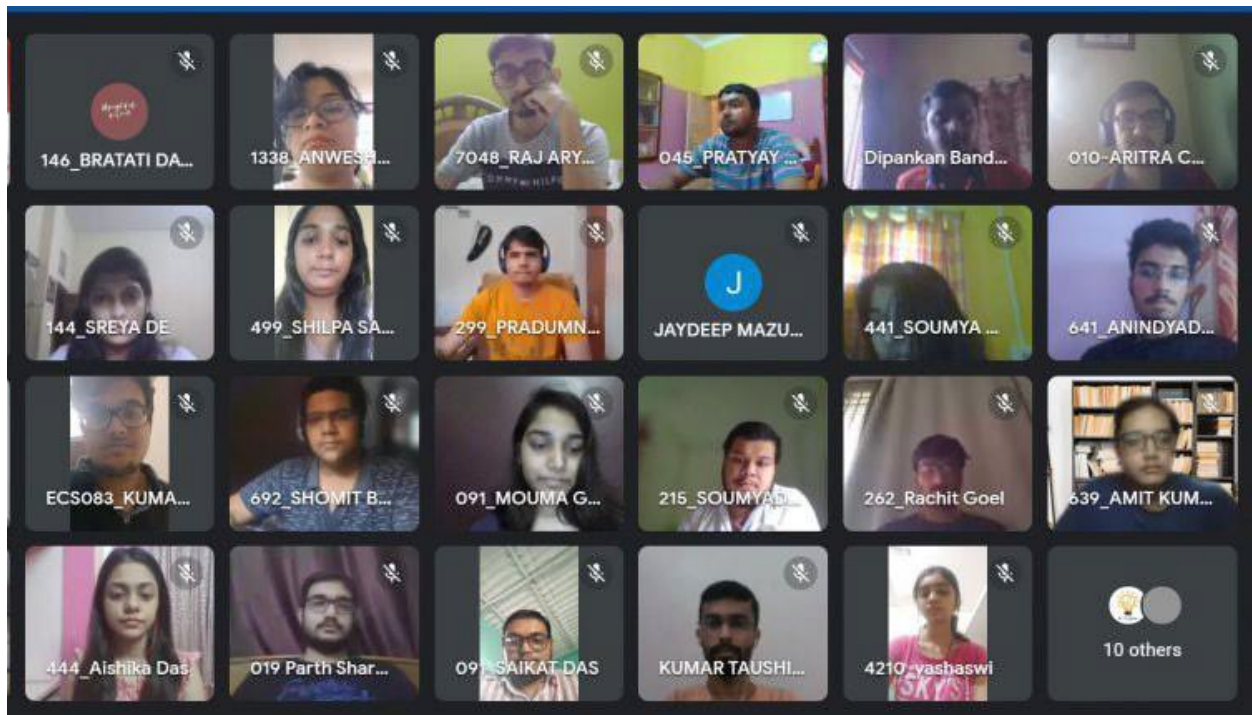
Workshop Objectives:

1. Introduction to Computer Vision: The workshop aims to introduce participants to the field of computer vision, providing a foundational understanding of computer vision concepts, techniques, and applications.
2. Hands-On Python Programming: Participants will gain practical experience in using Python for computer vision applications. They will learn to write code, work with libraries like Open CV, and manipulate visual data.
3. Real-Time Application Development: The primary focus is on real-time computer vision applications. Participants will learn to create applications that process and analyze video or image data from a webcam in real time.
4. Object Detection and Tracking: The workshop will cover techniques related to object detection and tracking using computer vision. Participants will learn how to identify and track objects within a video feed.



Prof. P. R. Wankhede
Branch Counselor
• IEEE Students' Branch



Dr. G. S. Gawande
Head, E & TC Dept

Photo:



Online session on Real Time Computer vision application using python with webcam.Date 16-to 21 August 2020


Prof. P. R. Wankhede
Branch Counselor
• IEEE Students' Branch


Dr. G. S. Gawande
Head, E & TC Dept



One Week Online Hands-On Workshop on
“Real Time Computer Vision Applications using Python with Webcam”

(16-21, August 2020)

Take your first steps into the world of computer vision and learn how to build your own real time applications with webcam in just Six days. This course teaches the application development and you don't need any knowledge of python coding to take part. You may find it challenging at times, but we hope it'll be fun too.

Programme Contents and Schedule

Sr. No.	Programme Details	Timings
Day 0	Session 0 1. Installation of Python Software on Windows 2. Installation of OpenCV 3. Testing of Installation	03.00 PM to 04.30 PM
Day 1	Session I 1. Basic Image processing concepts 2. Getting photos and videos from webcam (Hands-on) 3. Color Object Detection and Tracking using Webcam (Red, Green, Blue Balls) (Hands-on)	03.00 PM to 05.30 PM
Day 2	Session II (Hands-on) 1. Face Detection and Tracking using Webcam (Eyes, Nose, Mouth, Smile, Face) 2. Click your photos after detecting smile on Face	03.00 PM to 05.30 PM
Day 3	Session III (Hands-on) 1. Training your own Face data 2. Real time Face Recognition using webcam 3. Project - I	03.00 PM to 05.30 PM
Day 4	Session IV (Hands-on) 1. License plate detection and Tracking 2. Project – II	03.00 PM to 05.30 PM
Day 5	Session V (Hands-on) 1. Object Detection using Deep Learning 2. Project – III 3. Quiz and Feedback	03.00 PM to 05.30 PM

Registration Fees: Rs.200/- (Rs.100/- for IEEE Members)

Online Platform: Webex Meeting / Google Meet

Resource Person: Dr. Pravin Wankhede, SSGMCE, Shegaon (9371857196)

Register Online: <https://forms.gle/BCJT4VEvbdY2Yu43A>

Dr. Pravin Wankhede
Branch Counselor
SSGMCE IEEE Students' Branch

Dr. G. S. Gawande
Head, E & TC Dept

Dr. S. B. Somani
Principal

Permission Letter



SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING, SHEGAON



IEEE Students' Branch

STB61661

web: <http://edu.ieee.org/in/ssgmce/>

email: ieee@ssgmce.ac.in

Date: 12th January, 2021

To,
The Principal,
SSGMCE, Shegaon

Subject: Permission to organize two week online hand-on training programme under IEEE Students Branch

Respected Sir,


With reference to above subject, we the undersigned are desirous to organize two week Hands-On training programme on "RF Circuits and Antennas" during 01-12 February 2021 under IEEE Students Branch in association with TPAC IEEE Bombay Section for the benefit of students and faculty interested in these areas. We are also in process to get technical sponsorship of Keysight Technologies and Bedrock Microwaves for this event. Registration Fees are:


1. For IEEE Members: Rs. 700/-
2. For Non-IEEE members: Rs.1000/-


(There will be 15% discount for group of 4 or more participants from same institute)

I request you to permit us to organize the above training programme.

Thanking you.


Prof. V. V. Ratnaparkhi
Resource Person and Coordinator



Dr. Pravin Wankhede
Branch Counselor and Coordinator


Dr. G. S. Gawande
Head, E & TC Dept

Permitted as per RK
12/1

Day 1 Session 1 RF Training ADS Introduction to RF and High Frequency Limitations of R, L, C

Two Week Online Hands-On Training Programme on
“RF Circuits and Antennas”
Introduction to RF



(01-12 February, 2021)
Mr. Vivek Ratnaparkhi
Assistant Professor
Department of Electronics & Telecommunication Engineering,
Shri Sant Gajanan Maharaj College of Engineering, Shegaon

10 S BB KB K MS MK GG DS

2:54 / 1:14:10

Scroll for details

Screenshot of Event




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.

This Document is Certified from Page 1 to 37