



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"

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Website- www.ssgmce.ac.in

Academic year 2021-22

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	Expert Talk on "Expectation of Corporate from Technocrats" by Mrs. Vahida Pathan, Founder & Director at NEORARE SERVICES LLP Pune	Soft skill	Click Here
2	Motivational Talk on "Movable Employable Graduate" by Mr Sandeep Lokhande ABET Scholar Pune	Soft skill	Click Here
3	"Importance of GATE/ESE exam to engineering students"	Soft skill	Click Here
4	"Art of problem Solving using Competitive Programming - A key of placement"	Soft skill	Click Here
5	Webinar - On "Placement Fundamentals" by Mr. Bharat Lohiya	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	. Online Elocution Competition	Language and Communication Skills	Click Here
8	Best Rhetorician Competition 2022	Language and Communication Skills	Click Here
9	A Talk on "Future in Cricket & Sports " by Mr. Sulakshan Kulkarni, Cricketer	Life Skills	Click Here
10	Motivational Talk on "How to be a Winner in your life ?" by Maj. Gen. Bali, Leadscape Advisor	Life Skills	Click Here
11	A Cancer Awareness Program by Dr Amitkumar Bagdia, Akola	Life Skills	Click Here
12	YOGA and Meditation by Dr R.M.Kharate and Mrs S.S.Gachake	Life Skills	Click Here




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



A

Report

on

**“Expectation of Corporate from Technocrats”
Student Orientation and Induction Program**

Academic Year 2021-22

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





Students attending online session by Mrs Pathan Date :28-12-21

Prof. Harshali S. Patil
Program Coordinator

Dr. N.A. Patil
Professor & Head ASH Department



A

Report

on

“Movable Employable Graduate”

”

Student Orientation and Induction Program

Academic Year 2021-22

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





Students attending session by Mr Sandeep Lokhande on 29-12-2021

Prof. Harshali S. Patil
Program Coordinator

Dr. N.A. Patil
Professor & Head ASH Department

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology
ACM Student Chapter

A Report of Webinar on “Importance of GATE/ESE Exam to Engineering Students”

Webinar Details:

Date and Time Of Webinar	Title of Webinar	Speaker of Webinar	Total Attendees
Date: 7-8-2021 Time: 9:00 AM onwards	“Importance of GATE/ESE exam to engineering students”	Mr.Anand Kumar Motivational speaker, Senior Faculty of ACE Engineering Academy. Experience : 7 years experience in GATE/ESE domain.	67 attendees

The ACM Student Chapter has organized a one day webinar on “Importance of GATE/ESE Exam to Engineering Students” dated on 7th August 2021. The speaker for this webinar was Mr.Anand Kumar who is Motivational speaker, Senior Faculty of ACE Engineering Academy. and has teaching experience of 11 years. 7 years of experience in GATE/ESE domain.

The webinar started at sharp 9:00 am with a welcome note from Ku.Radhika Maloo followed by the webinar from the speaker continued till 10:40 am . He started the webinar with his introduction and his experience in GATE/ESE domain.

He has explained the structure of the GATE exam and skills required to crack the exam.He has given the information about the institutes who conduct the GATE/ESE exam. He has given information about the important subjects for the exam and the marking schemes according to the subjects.

He also gave information about Career opportunities available after the GATE exam. He clarify the advantages of the joining job at an early age. Along with all this information he also cleared misconceptions related to Career opportunities after GATE. Guided the path for the preparation of the exam.

At last speaker answered some questions asked by the attendees and clarified their doubt. The program was ended by a vote of thanks from Ku. Gauri Sawarkar by 10:40 am.

Skill Development Program Poster:

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Department of Information Technology and Computer Science and Engineering brings you a webinar on

IMPORTANCE OF GATE/ESE EXAM TO ENGINEERING STUDENTS

For 3rd and 4th year CSE and IT Students

TIME : 9:30AM
DATE : 7th August 2021

WEBINAR COORDINATORS:
 Prof. S.S.Muddalkar (ACM Student Chapter) Prof. P.H.Gohatre (ITSA) Prof. Ms. P.V Deshmukh (CESSA)
 Prof. A.S.Manekar (HOD, IT) Dr.S.B.Patil (HOD, CSE) Dr.S.B.Somani (Principal)

Speaker: ANAND KUMAR
 BE (honours) Mechanical, RGPV, Bhopal, M.Tech (Thermal), RNTU, Bhopal, Motivational speaker, Senior Faculty of ACE Engineering Academy, Total teaching experience 11 years, 7 years experience in GATE/ESE domain. Earlier worked as Assistant Professor in department of mechanical engineering in various organization and semi-government college. Published 1 journal topics - effect of steam inlet temperature on performance of steam turbine. Best faculty award awarded by Building block Pvt. Ltd., New Delhi. Guided 1000's students. Some of students got top rank in GATE/ESE examination.

Here are some glimpses of the webinar for reference:

Zoom interface showing a speaker and a slide titled "Indian Institute of Science (IISc)".

Slide content: Two year Management course Master of Management (M.Mgt.) (Business Analytics). Eligibility: First Class in Engineering. Selection: GATE (CAT/GMAT) + GD+ Interview. Placement: For 2018 – 20 batch Placements: Avg. 24.10 Lakhs and Highest – 43.6 Lakhs per annum.

Handwritten diagram showing GATE (1000, 650, 3kms) leading to IIT, IISc, and IIT. IIT leads to TUM, TUM, TUM, TUM.

Mr.Anand Kumar delivering session Date: 7-8-2021

Prof.S.S.Muddalkar
 Faculty Sponsor, ACM

Prof.A.S.Manekar
 HOD IT

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology

REPORT OF SKILL DEVELOPMENT PROGRAM

The Department of Information Technology and Department of Computer Science & Engineering successfully organized a one-day Skill Development Program on "Art of Problem Solving using Competitive Programming - A key of placement" for the second-year and third-year engineering students on 09 December 2021, 10.00 AM (IST) to 12.00 PM. The resource person was Mr. Krishna Salampuriya, Software QA, Automation Engineer.

The webinar was totally free of charge. The webinar was on Microsoft Office 365 (Microsoft Teams App).

As per the attendance record provided by Microsoft Team Application 115 students attended the session.



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology

Skill Development Program

On

**"Art of Problem Solving using Competitive
Programming - A key of placement"**



RESOURCE PERSON

MR. KRISHNA SALAMPURIYA
SOFTWARE QA, AUTOMATION
ENGINEER, PUBMATIC



Prof. S. D. Padiya
Webinar Coordinator



TIME/DATE

10.00AM TO 12.00PM

09/10/2021


Prof. A. S. Manekar
HOD, IT

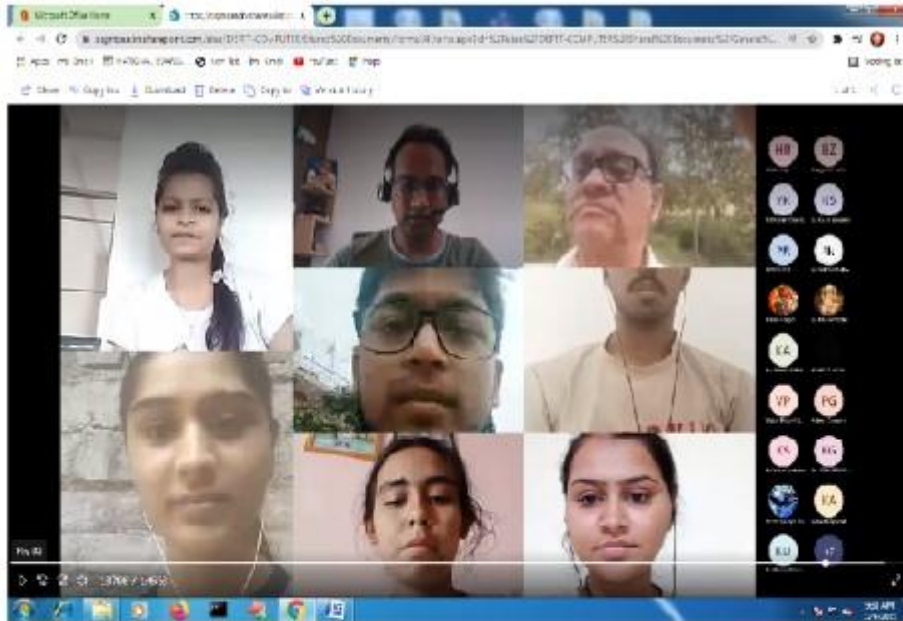


Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Computer Science & Engineering

Report on Skill Development Program


Title	Webinar - On “Placement Fundamentals”
Name of Resource Person	Mr. Bharat Lohiya (Senior Consultant specialist at HSBC Software Development Limited, Pune)
Co-ordinator	Prof. V. S. Mahalle
Day, Date & time	Saturday, 20 November 2021 11.00am to 12.30pm
Platform	Ms Teams
Description	<p>The aim of this webinar is to guide and help students to know the things required to prepare for placement, recruitment procedures most of the companies follows, how to prepare a CV for particular company etc.</p> <p>MS team link: https://ssgmceacin.sharepoint.com/sites/DEPTT-COMPUTER/Shared%20Documents/General/Recordings/Meeting%20in%20%27DEPTT-COMPUTER%27%20211120_053222.mp4?web=1</p>
No. of participants	50-60
Outcome	<p>After attending this webinar students</p> <ol style="list-style-type: none">1. Will get the idea about the best books, important web site they refer for aptitude & interview preparation.2. Will aware & get ideas about how to prepare and face GD, TI, PI, HR, MR...etc during recruitment process.

Photograph:



online Session by Mr Bharat Lohiya Date 2:0 November 2021


Coordinator


Head of Department



A

Report

on

“Japanese Language Course “

Academic Year 2021-22

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



Shri Sant Gajanan Maharaj College of Engineering, Shegaon

ONLINE ELOCUTION COMPETITION

On the occasion of 75th Republic day of India, to commemorate Azadi ka Amrit Mahotsav, an initiative of the Government of India to celebrate 75 years of progressive India and the glorious history of its people, culture and achievements. We are privilege to conduct 'ONLINE ELOCUTION COMPETITION' to celebrate the spirit, strength and aspirations of India.

We request students from B.E.1st,2nd,3rd & Final Year & M.B.A.students of SSGMCE to participate and showcase their talent in this event.

SO here are the 5 themes for elocution competition–

- Freedom Struggle,
- Actions
- Achievement
- Ideas
- Resolve@75

Details about this competition are:

- Date of competition : 25-01-2022,Wednesday
- Time: 3:00 pm to 6:00 pm
- Duration of elocution speech: 5 min.
- Date of declaring results:26-01-2022 at 10 am
- Participants can select any topic from the above list and prepare accordingly.
- Participant will be judge on : 1.subject content 2.english communication skills 3.body language 4.creativity 5.presentation skills 6.dress
- Link will be provided on 25th Jan 2022 by 2.50pm

PRIZES: (CASH + CERTIFICATE)

1st Prize: Rs.1500/-

2nd Prize:Rs.1000/-

3rd Prize:Rs.500/-

VENUE:

Online mode,SSGMCE,Shegaon

FACULTY COORDINATORS

1.PROF.H.S.PATIL

Email-Id:harshalia83@gmail.com contact no.7038027303

2.Prof.S.V.Bhagat



SSGMCE ONLINE ELOCUATION COMPETITION

LET US CELEBRATE
AZADI KA AMRIT MAHOTSAV

**THEMES FOR ELOCUATION COMPETITION
(CHOOSE ANY ONE)**

- Freedom Struggle
- Actions@75
- Achievements@75
- Ideas@75
- Resolve@75

CASH PRIZE WITH CERTIFICATE

- 1st Prize: Rs.1500/-
- 2nd Prize: Rs.1000/-
- 3rd Prize: Rs.500/-

**LANGUAGE : ENGLISH
MAXIMUM TIME LIMIT : 05 MINUTES**



LINK FOR REGISTRATION :

<https://bit.ly/ssgmcelocution>

**RESULT WILL BE ANNOUNCED ON
26TH JANUARY 2022 AT 10.00AM**

FACULTY COORDINATORS

Prof. H. S. Patil (7038027303)
Prof. S. V. Bhagat (9922127385)

PLATFORM: MS OFFICE TEAMS

TIME: 3.00 PM ONWARDS

DATE: 25TH JANUARY 2022



Our Blog
blogssgmce.in
<https://bit.ly/ssgmcelocution>



@ssgmceahgagan



[linkedin.com/company/ssgmce](https://www.linkedin.com/company/ssgmce)



@ssgmceofficialpage



@AlumniSsgmce

Circular

Prof. Harshali S. Patil
Program Coordinator



SSGMCE
Shegaon



HEARTY CONGRATULATIONS

For Outstanding Performance in
ONLINE ELOCUTION COMPETITION
AZADI KA AMRIT MAHOTSAV



Suchitra Nair
Third Year ENTC
1st
Prize : 1500/-



Vasu Nistala
First Year MECH
2nd
Prize : 1000/-



Apurva Patil
First Year CSE
3rd
Prize : 500/-

Our Blog blogssgmce.in

 @ssgmceshegaon

 @ssgmceofficialpage

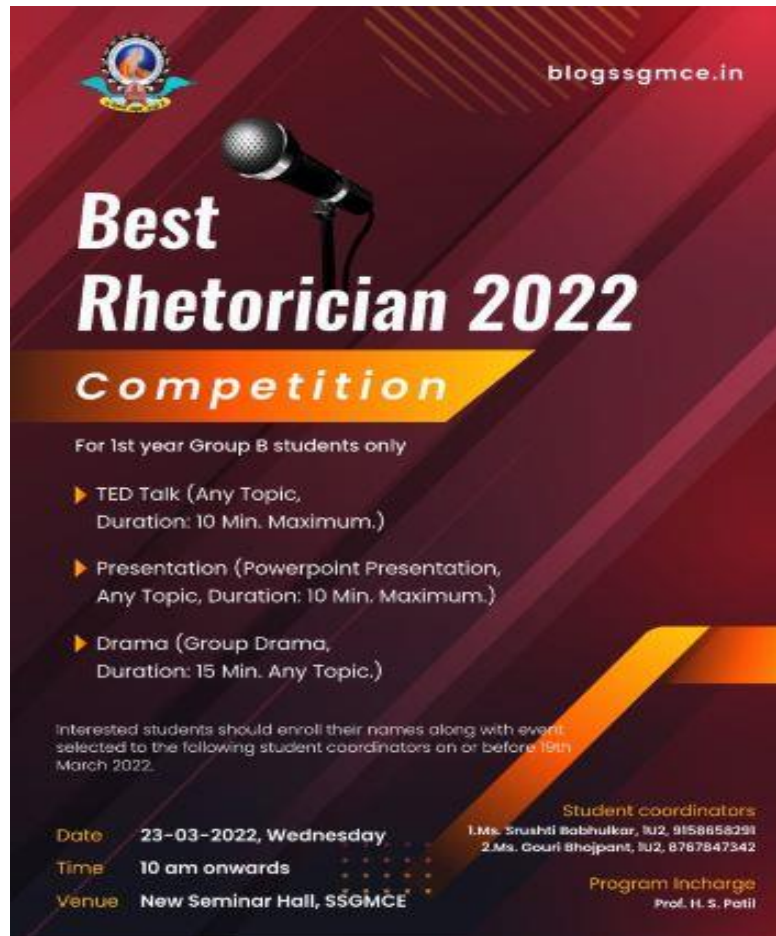
 [linkedin.com/in/ssgmce](https://www.linkedin.com/in/ssgmce)

 @AlumniSsgmce

Winners

Prof. Harshali S. Patil
Program Coordinator

Shri Sant Gajanan Maharaj College of Engineering, Shegaon



The poster is for the 'Best Rhetorician 2022 Competition' at Shri Sant Gajanan Maharaj College of Engineering, Shegaon. It features a microphone icon and the college's logo. The text is set against a dark red background with orange and yellow accents. The competition is for 1st year Group B students only. It lists three categories: TED Talk, Presentation, and Drama. It provides the date (23-03-2022, Wednesday), time (10 am onwards), and venue (New Seminar Hall, SSGMCE). It also lists student coordinators and the program incharge.

blogssgmce.in

Best Rhetorician 2022 Competition

For 1st year Group B students only

- ▶ TED Talk (Any Topic, Duration: 10 Min. Maximum,)
- ▶ Presentation (Powerpoint Presentation, Any Topic, Duration: 10 Min. Maximum,)
- ▶ Drama (Group Drama, Duration: 15 Min. Any Topic,)

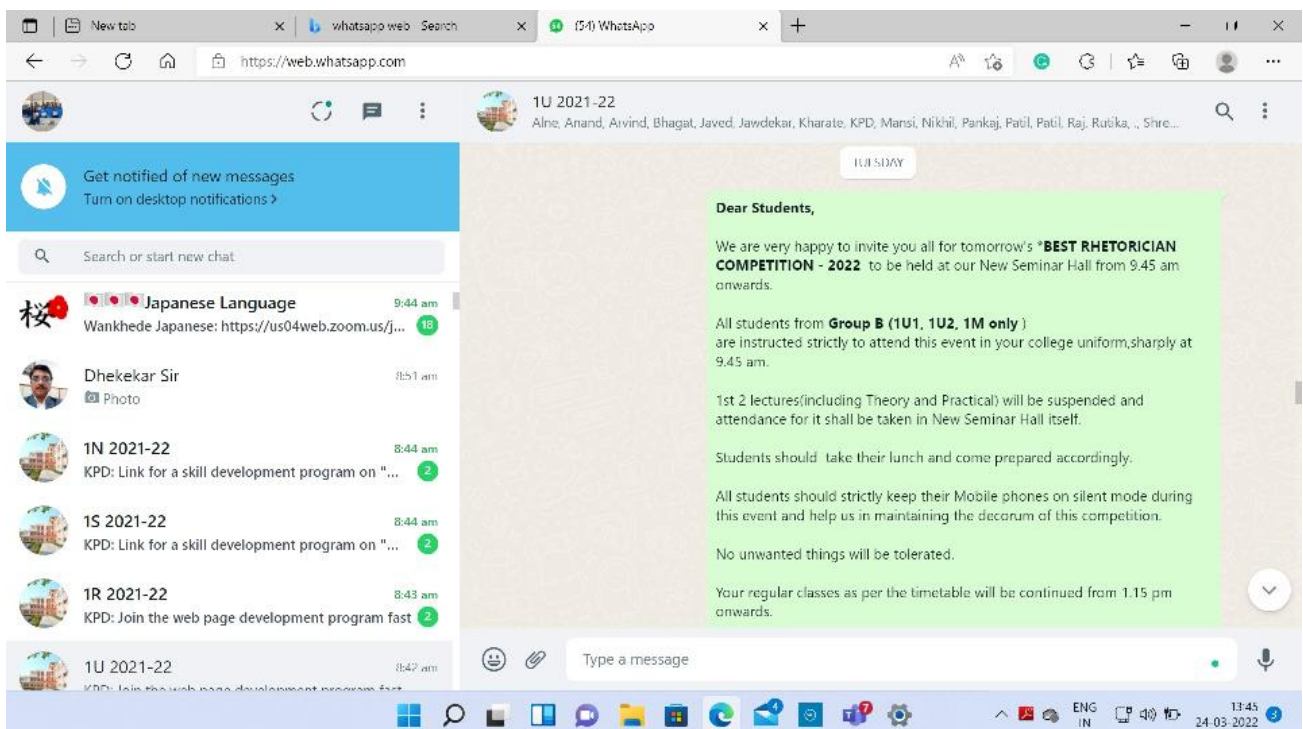
Interested students should enroll their names along with event selected to the following student coordinators on or before 19th March 2022.

Date 23-03-2022, Wednesday
Time 10 am onwards
Venue New Seminar Hall, SSGMCE

Student coordinators:
1.Ms. Shrushti Babhulkar, IU2, 915885291
2.Ms. Gauri Bhojant, IU2, 8767847342

Program Incharge
Prof. H. S. Patil

Circular



The screenshot shows a WhatsApp group chat for '1U 2021-22'. The group members listed are Aine, Anand, Arvind, Bhagat, Javed, Jawdekar, Kharate, KPD, Mansi, Nikhil, Pankaj, Patil, Patil, Raj, Rutika, and Shre... The chat contains a message from the group inquiring about the 'BEST RHETORICIAN COMPETITION - 2022'. The message is as follows:

Dear Students,

We are very happy to invite you all for tomorrow's ***BEST RHETORICIAN COMPETITION - 2022*** to be held at our New Seminar Hall from 9.45 am onwards.

All students from **Group B (1U1, 1U2, 1M only)** are instructed strictly to attend this event in your college uniform, sharply at 9.45 am.

1st 2 lectures (including Theory and Practical) will be suspended and attendance for it shall be taken in New Seminar Hall itself.

Students should take their lunch and come prepared accordingly.

All students should strictly keep their Mobile phones on silent mode during this event and help us in maintaining the decorum of this competition.

No unwanted things will be tolerated.

Your regular classes as per the timetable will be continued from 1.15 pm onwards.

WhatsApp Notice



student performing in TED Talk event date :23-03-2022



Panel of Judges



Participants with Mentors


Prof. Harshali S. Patil
Program Coordinator



A

Report

on

**“Future in Cricket & Sports “
Student Orientation and Induction Program**

Academic Year 2021-22

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





Participants in session by Mr Sulakshan Kulkarni Date 24-12-2021

A blue ink signature of Prof. Harshali S. Patil.

Prof. Harshali S. Patil
Program Coordinator

A blue ink signature of Dr. N.A. Patil.

Dr. N.A. Patil
Professor & Head ASH Department



A

Report

on

**“How to be a Winner in your life “
Student Orientation and Induction Program**

Academic Year 2021-22

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





Maj. Gen. Bali addressing Audience Date 31-12-2021

Prof. Harshali S. Patil
Program Coordinator

Dr. N.A. Patil
Professor & Head ASH Department



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Women Development Cell

Report on Cancer Awareness Program

Name of the Event: Cancer Awareness

Date: 31st March 2022

Time: 11:00 a.m. to 1:00 p.m.

Venue: Old Auditorium, SSGMCE Campus

Total Participants: 128

Introduction:

The Cancer Awareness Program at SSGMCE, held on 31st March 2022, aimed to disseminate crucial information about cancer to both staff and students. The program, organized by the Women's Development Cell (WDC) SSGMCE in collaboration with SSGM English School, was designed to emphasize the importance of early detection, preventive measures, and overall cancer awareness.



Circular



Anchor introducing Dr. Bagdia Date 31-03-2022

Dr. A. U. Jawadekar
Member Secretary, WDC



A

Report

on

“YOGA and Meditation “

Academic Year 2021-22

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





Students Practicing Pranayama



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
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Website- www.ssgmce.ac.in

Academic year 2021-22

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	Skill Development Session on PLM	Awareness of trends in technology	Click Here
2	Skill Development Program on Data Science and AI Robotics	Awareness of trends in technology	Click Here
3	Web Mates Introduction to web Development	Awareness of trends in technology	Click Here
4	one-day Skill Development Program on "Autonomous vehicles	Awareness of trends in technology	Click Here
5	Skill Development Program on "Upgrading Cloud Computing Skills	Awareness of trends in technology	Click Here
6	Skill Development Program 'An Eye on CareerGrowth	Awareness of trends in technology	Click Here
7	"Art of problem Solving using Competitive Programming - A key of placement"	Awareness of trends in technology	Click Here
8	Skill Development Session on Introduction to IOT	Awareness of trends in technology	Click Here
9	Future Scope of Data Science	Awareness of trends in technology	Click Here
10	Skill Development Program on "Why you Should Transition your Skills into Salesforce	Awareness of trends in technology	Click Here
11	Developing Web Applications Using ASP.NET Core	Awareness of trends in technology	Click Here
12	Skill Development Program on CURD Operation in Database	Awareness of trends in technology	Click Here
13	Skill Development session on 'Shell Scripting Fundamentals'	Awareness of trends in technology	Click Here
14	Introduction to Graphic Design with Photoshop	Awareness of trends in technology	Click Here
15	Event "Troll by Tronics"	Awareness of trends in technology	Click Here
16	Workshop on Multisim and PCB design	Awareness of trends in technology	Click Here
17	"Electro-Metro" - Skill development Workshop on Basic Electronics and Mini project	Awareness of trends in technology	Click Here



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Website- www.ssgmce.ac.in

18	ROBOVISION	Awareness of trends in technology	Click Here
19	Introduction to microcontroller and interfacing with sensors	Awareness of trends in technology	Click Here
20	IPL Auction	Awareness of trends in technology	Click Here
21	Chasing Calsi	Awareness of trends in technology	Click Here
22	CMOS Digital Design using Microwind by S. P Badar	Awareness of trends in technology	Click Here
23	Verilog hardware Description Language by S. P. Badar	Awareness of trends in technology	Click Here
24	Idea Generation Programm through Creative Jugad	Awareness of trends in technology	Click Here
25	Hands on Workshop for IoT and Robotics using Arduino	Awareness of trends in technology	Click Here
26	Workshop on designing with Autocad	Awareness of trends in technology	Click Here




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, SHEGAON**
ISTE Student's Chapter
Session: 2021-22



POST-EVENT SUMMARY REPORT

Name of Event: Skill Development Program on **PLM** (*Product Life Cycle Management*)
using *PLM Windchill Software*

Speaker: **Mr Dipak Kate**, *Senior Software Engineer and PLM Windchill Consultant, Volkswagen IT India, Pune.*

Date: **25th September 2021**

Time: **10:00am to 12:00pm**

Platform: **Microsoft Teams**

Registrations: **166**

Attendees: **399**

PROGRAM SUMMARY

On 25th sept, the ISTE committee conducted a program on the topic of 'Skill development program on PLM', where our guest speaker Dipak Kate told us about PLM (Product Lifecycle Management).

It all started with the inauguration of our guest and was followed on by a discussion of the topic that what exactly PLM is. Certain things were made clear like PLM Grid, PDM, ERP, CAD, and DM.

Our speaker also explained that how PLM tends to cover or touch everything a company does related to its product, and how PLM has an interaction with other applications. The speaker further elaborated the paradigm shift, typical causes of problems without PLM and how it is connected with the other technology.

Further, we were informed about the Windchill software that how it manages the complete digital product definition.

After this, the event shifted towards a Q&A session where students asked their doubts about various carrier opportunities.

Lastly, the program ended up with a vote of thanks by one of our team members.

Team ISTE.

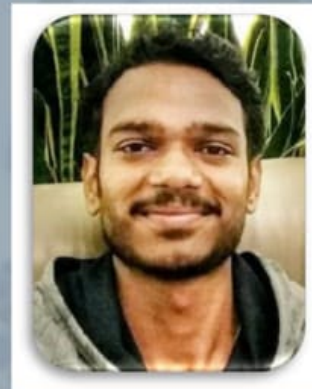
SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, SHEGAON

ISTE PRESENTS



SKILL
DEVELOPMENT
PROGRAM

on **PLM**
Product Life Cycle Management)
using **PLM Windchill Software.**



By-Mr Dipak Kate

Senior Software Engineer
and
PLM Windchill Consultant, Volkswagen
IT India, Pune.

PLATFORM



MS-TEAMS



Date: 25th September 2021



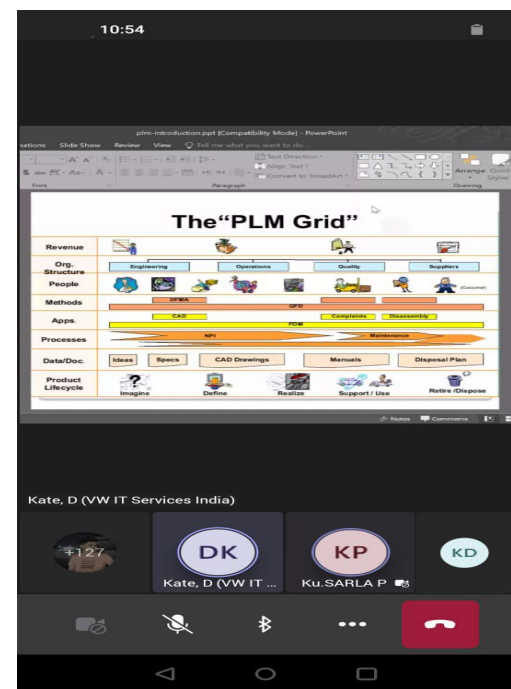
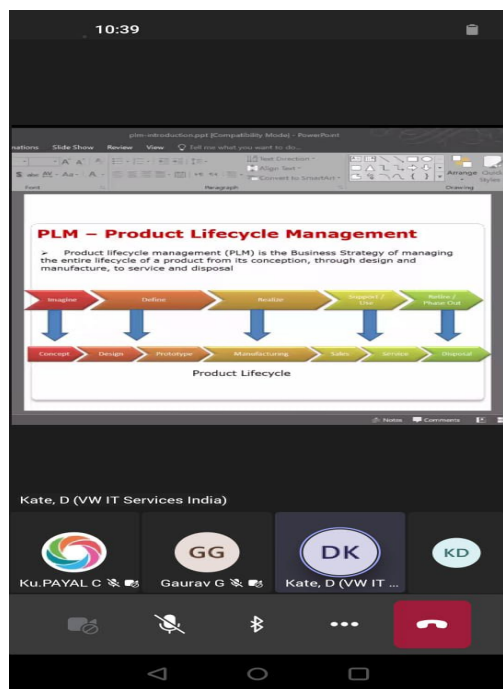
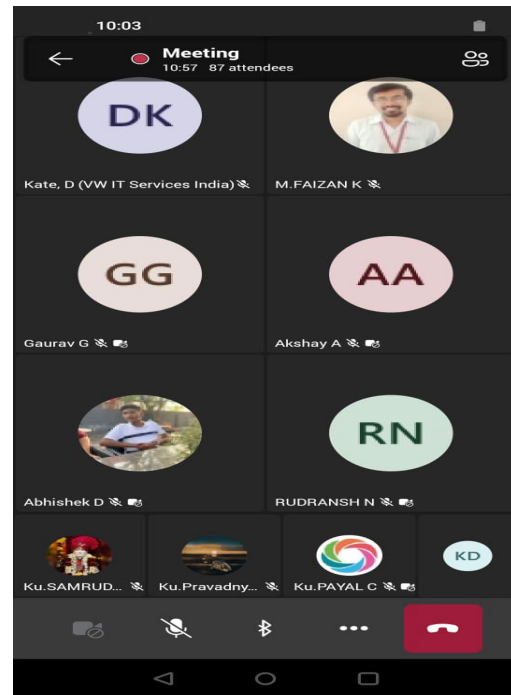
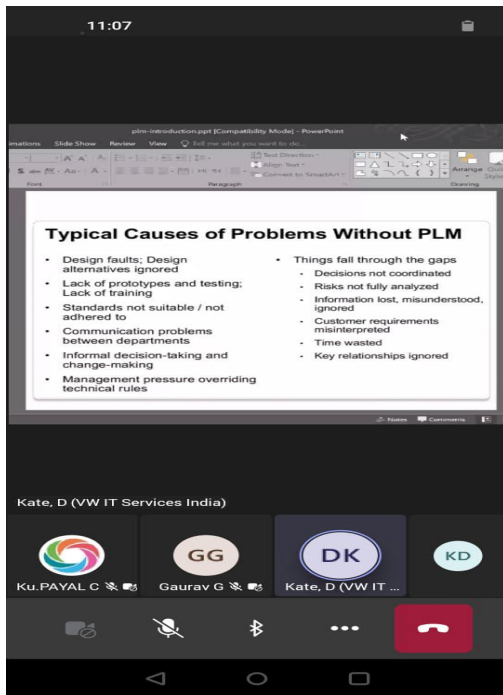
Time: 10:00am to 12:00pm



REGISTRATION LINK-
<https://tinyurl.com/ISTESDP>

Circular

Screenshots of Event



online Session by Mr Dipak Kate dte 25-09-2021

INDIAN SOCIETY FOR TECHNICAL EDUCATION, SSGMCE

Post Event Summary Report

Name of Event: - Skill Development Program on Data Science and AI Robotics

Date of Event: - 23 Oct. 2021

Speaker: - Ms. Ekta Chugwani

Attendees: - 133

PROGRAM SUMMARY

On 23th Oct., ISTE committee conducted a program on the topic of Skill Development Program on Data Science and AI Robotics, where our honorable speaker was Ms. Ekta Chugwani.

It all started with the inauguration of our speaker and then she started by discussion of the topic that what is Data Science and AI Robotics. She started with the explanation of Data Science and AI Robotics and then told the relation between them.

She also explained the importance of Data Science and Artificial Intelligence (AI) Robotics in our daily life. Then she explained where the Data Science and AI Robotics used and many types of data scientists like machine learning scientist, actuarial scientist, data engineers, software programming analysts, etc. and their work.

Further, she explained in which field Data Science and AI Robotics are used like media and entertainment, healthcare, digital marketing, cyber security, etc. And how Data Science and AI Robotics are works in this fields.

After this the event shifted towards questions and answers session where students asked their doubts.

Lastly, the program ended up with vote of thanks by our team members.

Team ISTE.





Shri Sant Gajanan Maharaj College of
Engineering, Shegaon



ISTE presents
**Skill Development Program on
Data Science and AI Robotics**

Our Speaker:
Ms. Ekta Chugwani
~Data Scientists,
Larsen & Tourbo.

Platform:
M S Team



Date: 23-October- 2021



Time: 11.00 am onwards



Registration link:

<https://forms.gle/sLkTGcSnykEnyWmp8>

Circular

INDIAN SOCIETY FOR TECHNICAL EDUCATION, SSGMCE

Post Event Summary Report

Name of Event: - WEB MATES

Topic: - Introduction TO Web Development

Date of Event: - 24 Oct. 2021

Speakers: - Mr. Mitesh Sakalkar, Mr. Prasad Jawadekar

Attendees: - 151

PROGRAM SUMMARY

On 24th Oct., ISTE committee conducted a program on the topic of Introduction to Web Development and its name is 'WEB MATES', where our honorable speakers are Mr. Mitesh Sakalkar and Mr. Prasad Jawadekar.

It all started with the inauguration of our speakers and then Mr. Mitesh Sakalkar started by discussion of the topic that what is exactly web development. He started with some basic topic of web development like HTML, Java Script and CSS. He also explained working of these three basic topics in web development.

He also explained the sub-topic of HTML is Semantic Tags which is used in website development. Then he started to explain how to create our own website on 'Visual Studio Code' software. He explained from basics steps and gave so much knowledge about web development.

Then Mr. Prasad Jawadekar explained about how to host website on 'webhost' website. He also explained how to use this website from basic.

Further, ISTE team informed about the quiz and resume challenges that were organized by them for participants.

After this the event shifted towards questions and answers session where students asked their doubts and told their experience about this session.

Lastly, the program ended up with vote of thanks by our team members.

Team ISTE.





Shri Sant Gajanan Maharaj College Of Engineering, Shegaon



ISTE
Presents

WEB MATES

Introduction to Web Development



MITESH SAKALKAR (4R)
PRASAD JAWADEKAR(4R)

- Date:- 24th Oct 2021
- Time :- 10AM to 12 PM

PLATFORM



MS-Teams

For Any Query
Contact
9579192902
7620893377

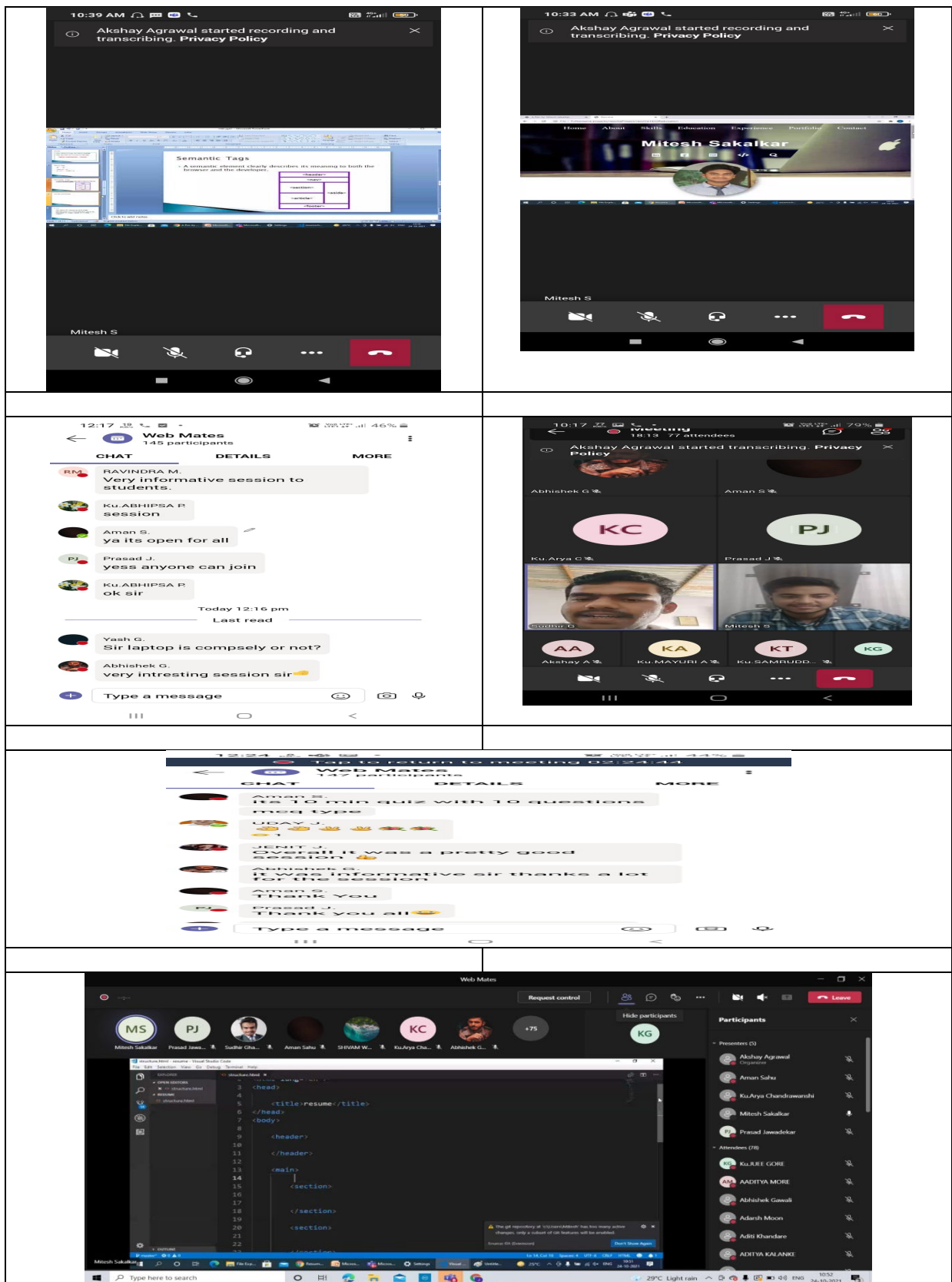
Registration Link:-

<https://forms.gle/Bq7a1R3CdjZKSea57>

Free!!!!

Circular

Screenshots of Events



online session : Date 24-10-2021

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology

Autonomous Vehicles

SSGMCE ACM STUDENT CHAPTER
INFORMATION TECHNOLOGY STUDENT ASSOCIATION (ITSA)

REPORT OF SKILL DEVELOPMENT PROGRAM

The SSGMCE ACM STUDENT CHAPTER and INFORMATION TECHNOLOGY STUDENT ASSOCIATION (ITSA) successfully organized a one-day Skill Development Program on "Autonomous Vehicles" for engineering students on **13 November 2021, 12:30 PM (IST) to 2:30 PM**. The resource person was Mr. Chaitanya Gore, Former Senior Robotics Engineer at KUKA Robotics and Currently Pursuing Double Master's Degree MS (Intelligent Autonomous Systems), University of Cote d'Azur, France, and KTH Royal Institute of Technology, Sweden. The webinar was totally free of charge. The webinar was on Microsoft Office 365 (Microsoft Teams App). Total 92 students were registered from the different classes of the institute, as per attendance record provided by online platform 84 students attended the session.

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

ITSA acm

Skill Development Program

AUTONOMOUS VEHICLES

MR. CHAITANYA GORE
Former Senior Robotics Engineer at KUKA Robotics
Currently Pursuing Double Masters Degree MS (Intelligent Autonomous Systems), University of Cote d'Azur, France, and KTH Royal Institute of Technology, Sweden

13 NOV 2021
12:30 PM ONWARDS
MICROSOFT TEAMS

Link for Registration
shorturl.at/fwBE8


SCAN TO VISIT WEBSITE

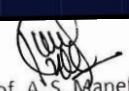
Prof. S. D. Padiya
Faculty Sponsor,
SSGMCE ACM Student Chapter

Prof. P. H. Gohatre
Faculty Advisor ITSA

Prof. A. S. Manekar
Head, Dept. of IT

Dr. S. B. Somani
Principal, SSGMCE, Shegaon

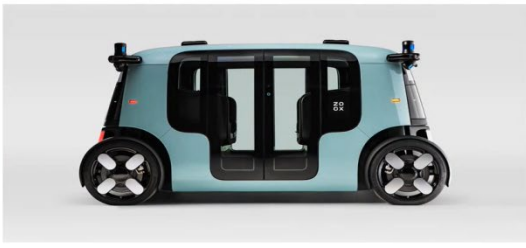

Prof. S. D. Padiya/ Prof. P. H. Gohatre
Webinar Coordinators


Prof. A. S. Manekar
HOD, IT

Screenshots:

Vehicle usage are changing

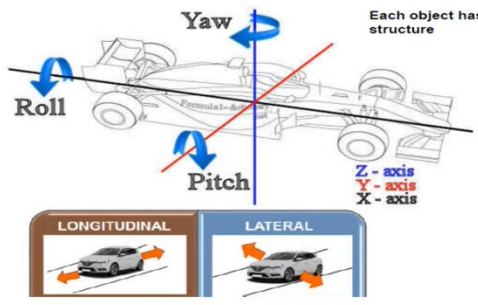
- Move from point A to point B
- Vehicle is
 - Interactive
 - Personalized
 - Connected
 - Fun - (audio and Ambiance Light)
 - Home extension



Object Data

Each object has specific information structure

- Position X
- Position Y
- Speed X
- Speed Y
- Acceleration X
- Acceleration Y
- YawAngle V
- Dim X
- Dim Y
- Height
- Moving
- Cut In
- Cut out
- Blinker
- Standard deviation



Autonomous Vehicle - Highway - Scenario

INCOMING LANE has not the priority
By the law right on way
BUT the human driver recommends to give the way in this case


CHALLENGE Negotiation

IF

- Right target_Turn indicator == TRUE
- Right target_Type == TRUCK
- Right target_speed > Ego_speed * 90%
- Right lane length < 100m
- Rear target > **Safety distance**
- Front target > **Safety distance**

THEN

Drop throttle



A session on Autonomous Vehicle Dte 13-11-2021

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Information Technology

SKILL DEVELOPMENT PROGRAM

ONE PAGE REPORT

Upgrading Cloud Computing Skills

SDP Name:-	Upgrading Cloud Computing Skills		
Dates:-	27.11.2021	No. of hours:-	3
Objectives of SDP		Outcome of SDP	
1	To impart the basic knowledge cloud computing	1	Participants will be able to understand cloud computing fundamentals
2		2	Participants will be able to use cloud computing concepts

Need of SDP:

Now a days, Cloud technology is helping businesses and people weather the ongoing storm caused by the global pandemic. Companies are seizing on cloud as the key enabler to complete their digital transformation, and the COVID pandemic has further accelerated this mandate. Cloud is becoming a top C-suite agenda item as businesses are transitioning from a piece-meal approach to a more holistic end-to-end digital transformation with cloud at its core. The winners of tomorrow will be the ones that navigate this change rapidly, make the right choices and engage with the appropriate partners to augment their own capabilities. So companies are in need of lot of skilled engineers having knowledge of cloud computing. Cloud computing is today's hot cake for engineers.

Resource Person:

Mr. Pratik Maske
Senior Executive
IT Infrastructure Operations & Management,
Asian Paints Ltd., Mumbai

Mode of SDP: Online using Teams App

Topics Covered during SDP:

1. What is Cloud Computing?
2. Why Cloud Computing?
3. Types of cloud Computing
4. Types Cloud Services
5. Uses
6. Azure Cloud

No. Participants Registered :	Course Targeted(2nd,3rd,4th)
Thirty Five(35)	2 nd and 3 rd Year IT Students
Resource Person Name and Profile	Coordinator Name
Mr. Pratik Maske Senior Executive IT Infrastructure Operations & Management, Asian Paints Ltd., Mumbai	Ms. P V Kale Asst. Prof. Dept. Of I.T. SSGMCE, Shegaon

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology



Skill Development Programme
on
“Upgrading Cloud Computing Skills”
by
Mr. Pratik Maske
Senior Executive
IT Infrastructure Operations & Management,
Asian Paints Ltd., Mumbai

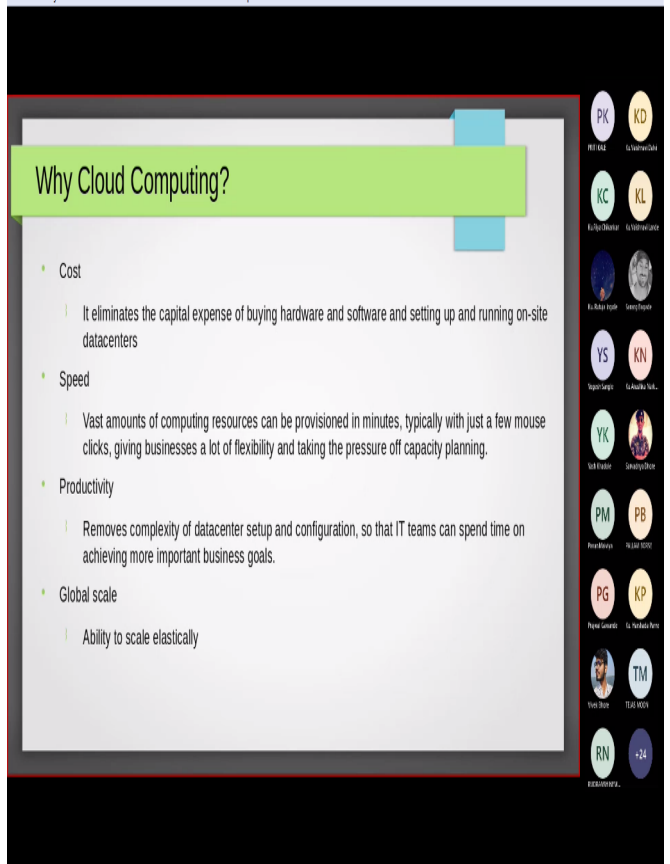
Date: 27.11.2021 (Saturday)
Time:- 10.30A.M.
Mode:- Online
Platform:- MS Teams
Link:- <https://bit.ly/3DYw5Ae>

Prof. Ms. P V Kale Prof. A S Manekar Dr. S B Somani
Coordinator HoD, I.T. Dept. Principal
SSGMCE, Shegaon

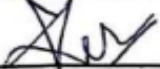

SDP Poster

Why Cloud Computing?

- Cost
 - | It eliminates the capital expense of buying hardware and software and setting up and running on-site datacenters
- Speed
 - | Vast amounts of computing resources can be provisioned in minutes, typically with just a few mouse clicks, giving businesses a lot of flexibility and taking the pressure off capacity planning.
- Productivity
 - | Removes complexity of datacenter setup and configuration, so that IT teams can spend time on achieving more important business goals.
- Global scale
 - | Ability to scale elastically



Live Session Picture

Signature Of Workshop Coordinator	Signature Of HoD
	

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

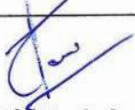

Department of Information Technology

Guest Lecture Topic:-		An Eye on Career Growth	
Date:- 04/12/2021		No. Of Days:-	01
Objectives of Workshop		Outcome of Workshop	
1	Career Opportunity & growth after engineering.	1	Students are able to clarify their values, interests, strengths, and skills & decide their goal
2	Plan a road map to achieve the goal.	2	Cultivate students to a professional network and engage in informational talk.
3		3	Address students' queries regarding their careers.

Brief about Guest Lecture: -

Department of Information Technology SSGMCE, Shegaon has arranged a guest lecture by Mr. Sumit Jain on An Eye on Career Growth, it's an interactive session with students. A day before the program a google form is circulated to the students, in google form basic questions are asked to the student regarding their career goal, road map, actions to achieve their goal & questions they want to ask resource person. In the live session, Mr.Sumit Sir interacted with students & address their quires.

No. Participants	Course Targeted
40	2N,2R,2S,2M
Resource Person Name and Profile	Coordinator Name
Mr.Sumit Jain Manager Consultant Inforie Financial Solution Singapore	Prof. Ms.P P Bute

 Signature Of Workshop Coordinator	 Signature Of HOD
---	--

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING ,SHEGAON



Skill Development Program

An Eye on Career Growth Outstanding Speaker

Presented By
Dept. of Information
Technology



Mr. Sumit Jain
*Manager Consultant at
Infotrie Financial
Solution
Singapore*

04 DEC 2021

Saturday

🕒 10.30-12:30 PM

Platform: **Microsoft Teams**

Prof. Ms.P P Bute
Co-ordinator

Prof. A.S Manekar
HOD, IT Dept.

Dr.S B Somani
Principal SSGMCE,
Shegaon

Circular

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology

REPORT OF SKILL DEVELOPMENT PROGRAM

The Department of Information Technology and Department of Computer Science & Engineering successfully organized a one-day Skill Development Program on "Art of Problem Solving using Competitive Programming - A key of placement" for the second-year and third-year engineering students on 09 December 2021, 10.00 AM (IST) to 12.00 PM. The resource person was Mr. Krishna Salampuriya, Software QA, Automation Engineer.

The webinar was totally free of charge. The webinar was on Microsoft Office 365 (Microsoft Teams App).

As per the attendance record provided by Microsoft Team Application 115 students attended the session.



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology

Skill Development Program

On

"Art of Problem Solving using Competitive
Programming - A key of placement"



RESOURCE PERSON

MR. KRISHNA SALAMPURIYA
SOFTWARE QA, AUTOMATION
ENGINEER, PUBMATIC




TIME/DATE

10.00AM TO 12.00PM

09/10/2021


Prof. S. D. Padiya
Webinar Coordinator


Prof. A. S. Manekar
HOD, IT



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department of Information Technology



5 13

REPORT

A SKILL DEVELOPMENT PROGRAM

The SSGMCE ACM Student Chapter, Department of Information Technology and Department of Computer Science & Engineering successfully organized a one-day skill development program on "Introduction to IoT" for the first and second-year engineering students.

The program was totally free of charge, through Microsoft Office 365 (Microsoft Teams App). As per the attendance record provided by Microsoft Team Application approximate 225 students attended the session.

Date: 15th January 2022,

Time: 9.00 AM (IST) to 11.00 AM.

Resource Person: Prof. S. D. Padiya, Assistant Professor, Department of IT, SSGMCE, Shegaon

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

acm SSGMCE

A Skill Development Program on

Introduction to IoT

Internet of Things

Resource Person
Prof. S. D. Padiya
Assistant Professor,
Department of Information Technology,
SSGMCE, Shegaon

First & Second Year Students IT & CSE

Date 15/01/2022
Time 9.00 AM to 11.00 AM

Organised by
SSGMCE ACM Students Chapter,
Department of Information Technology,
SSGMCE, Shegaon

Prof. S. D. Padiya
Faculty Sponsor, SSGMCE ACM Student

Prof. A. S. Manekar
HOD, IT

Dr. S. B. Patil
HOD, CSE

Dr. S. B. Somani
Principal, SSGMCE

Prof. S. D. Padiya

Faculty Sponsor, SSGMCE ACM Student

Prof. A. S. Manekar

HOD, IT

Department of Information Technology

Guest Lecture Topic: -		Future Scope of Data Science	
Date: - 05/02/2022		No. Of Days: -	01
Objectives of Workshop		Outcome of Workshop	
1	Career Opportunity & growth in Data Science & AI	1	Students are able to know the roles, responsibilities of Data Science & AI
2	The skills required to have a career in data science & AI.	2	Students are able to have knowledge about the skill set required to have a career in Data Science & AI.
3		3	Address students' queries regarding their careers option in Data Science & AI



Webinar
Future Scope of DS

Brief about Guest Lecture: -

Department of Information Technology SSGMCE, Shegaon has arranged a guest lecture by Ms. Angana Rajput on Future Scope of Data Science...Discover why it's a promising Career Option.

In the session, the speaker gives a brief introduction about Data Science & AI, As data science is a broad field of study pertaining to data systems and processes, aimed at maintaining data sets and deriving meaning out of them. **Data scientists** use a combination of tools, applications, principles, and algorithms to make sense of random data clusters. Since almost all kinds of organizations today are generating exponential amounts of data around the world, it becomes difficult to monitor and store this data. Data science focuses on data modeling and data warehousing to track the ever-growing data set. The information extracted through data science applications is used to guide business processes and reach organizational goals. Artificial intelligence aims at enabling machines to execute reasoning by replicating human intelligence. Since the main objective of AI processes is to teach machines from experience, feeding the right information and self-correction is crucial. AI experts rely on deep learning and natural language processing to help machines identify patterns and inferences.

No. Participants	Course Targeted
100	1R,1N,2R,2N,3N
Resource Person Name and Profile	Coordinator Name
Ms. Angana Rajput Azur Big Data Engineer IBM	Prof. Ms. P P Bute

	
Signature Of Workshop Coordinator	Signature Of HOD



SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING,
SHEGAON(MH)



Future Scope of Data Science



05 February 2022

Time 10 am-11.30am

FirstYear onward CS & IT
Students

Mode: MS Teams

***Discover why it is
promising Career
option...***



***Ms. Angana Rajput
Azure Big Data
Engineer at IBM***

Prof. Ms. P P Bute
Coordinator

Prof. A.S Manekar
HOD, IT

Dr. S B Somani
Principal SSGMCE
Shegaon

Department of Information Technology

Workshop Name:-	Skill Development Program on "Why you Should Transition your Skills into Salesforce"		
Dates:-	19.02.2022	No. Of Hours:-	03 Hrs
Objectives of Workshop		Outcome of Workshop	
1	Students will be able to know what is ERP and CRM	1	Students will able to differentiate between ERP and CRM.
2	Students will be able to understand the Basic in Salesforce	2	Students will identify the proper working models of salesforce with respect to department.
3	Students will able to know different operational strategies and certification opportunity in salesforce for their career.	3	Students can select proper path for career in salesforce by doing proper certification.

*Why should Transi
your skill into Sale*

Technologies and Tools: JAVA and Salesforce Modules.



Outlines of the workshop:

- Perquisites of OOP Concept.
- Introduction to JAVA and Salesforce.
- Difference between CRM and ERP
- Special Session to solve interview/Technical Aptitude Questionnaire.

Brief about Workshop:-

Main aim of this skill development workshop is to introduce concept of Salesforce using JAVA. Mr.Ramanand Samdekar Salesforce 2X Certified, Pune is the resource person of the workshop. The main aim of this workshop is to know about the What Salesforce What are different career opportunities in salesforce. Students also given the good response for this workshop.

No. Participants Registered :	Course Targeted(1st year)
115	BE First and Second Year Students
Resource Person Name and Profile	Coordinator Name
Mr.Ramanand Samdekar Salesforce 2X Certified	Mr. A. S. Manekar Asst. Prof. Dept. Of I.T.

 Signature Of Workshop Coordinator	 Signature Of HoD
--	---

Shri Sant Gajanan Maharaj College of Engineering, Shegaon



Skill Development Program

Salesforce

Organized by;
Dept. of IT & CSE



Date: Saturday, 19 Feb. 2022, 9.00 AM

Link to Join: <https://qr.page/g/CStgZDFPk0>

Resource Person,
Mr. Ramanand Samdekar
Salesforce 2x Certified

Scan to Join ->



Circular

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Information Technology

Session – Spring Semester 2021-22

One Page Report of Skill Development Program

Title– Developing Web Applications Using ASP.NET Core

Date:07-03-2022

Title of Program	Developing Web Applications Using ASP.NET Core
Speaker Details	Mr. Lankesh Meshram, Software Engineer – Digital Engineer,
Coordinator	Prof. S. S. Muddalkar
Date and Time	05-03-2022, 10:00AM to 12:00PM
Mode of Program	Online Meeting Using MS Teams
Description	The program aims to deliver the knowledge of Web Development to students using recent trending technologies in the industry. As a part, ASP.NET Core is one of the famous and mostly used technology by industries for web development and hence this session will be helpful in understanding the insights of how to develop web applications using ASP.NET Core. Along with this, the speaker will also discuss about various aspects about MVC – A frame for Web Development and REST API for different service-related architectures.
Outcomes	After successful completion of this program, students will be able to: <ol style="list-style-type: none">1) Students will elaborate concepts such as ASP.NET Core, MVC, REST API2) Students will be able to create the projects for creating Web Applications using MVC Architecture of ASP.NET3) Students will be able to use the VS2019 for developing Web Applications.
No of Participants	156

Skill Development Program Poster:

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Skill Development Program

On

Developing Web Applications Using ASP.NET Core

Organised by Dept. of IT & CSE

Points:

1. What is ASP.NET Core ?
2. What is MVC Architecture ?
3. What is REST API ?
4. Creating Web Applications in VS2019

Date: 05-03-2022
Time: 10:00AM to 12:00PM
Platform: MS Teams
Link to Join: <https://bit.ly/3IKQquY>

Mr. Lankesh Meshram,
Software Engineer - Digital Engineer,
Larsen & Toubro Infotech, Pune

Prof. S. S. Muddalkar Faculty Coordinator
Prof. S. D. Padiya (Faculty Sponsor – ACM)
Prof. P. H. Gohatre (Faculty Advisor – ITSA)
Prof. A. S. Manekar HOD, IT
Dr. S. B. Patil HOD, CSE
Dr. S. B. Somani Principal

Live Screenshot During Program:

The screenshot shows a Microsoft Teams meeting in progress. The main window displays a presentation slide titled "Developing Web Applications Using ASP - Microsoft PowerPoint". The slide content includes:

- Web Forms
- MVC
- Web API
- ASP.NET Core MVC
- ASP.NET Core 4.8 (System.Web)
- ASP.NET Core 1.0 (Microsoft.AspNetCore)
- ASP.NET Core MVC
- ASP.NET Core 1.0 (Microsoft.AspNetCore)
- ASP.NET Core MVC
- ASP.NET Core 1.0 (Microsoft.AspNetCore)
- ASP.NET Core MVC
- ASP.NET Core 1.0 (Microsoft.AspNetCore)

The meeting interface shows a list of attendees on the right, including Sumit Muddalkar, Lankesh Meshram, Aditi Dhage, Amit Molke, Apakha Marikhal, Chaitali Nakhate, Chirag Soni, Dnyaneshwari Mhaine, Gaurav Bandhakar, and GAURAV BANSOD. The bottom of the screen shows the Windows taskbar with various application icons and the system tray.

Prof. S. S. Muddalkar
Faculty Coordinator

Prof. A. S. Manekar
HOD, IT



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON

ISTE Student's Chapter

Session: 2021-22



POST-EVENT SUMMARY REPORT

Name of Event: Skill Development Program on **CRUD Operations in Database**

Speaker: **M. Faizan I. Khandwani**, *Assistant Professor, Department of Information Technology, SSGMCE, Shegaon.*

Date: **19th March 2022**

Time: **09:30am to 11:30am**

Platform: **Microsoft Teams**

Registrations: **11**

Attendees: **100**

Overview:

This program was aimed at providing comprehensive insights and practical knowledge regarding database management. The session commenced promptly at the scheduled time, leveraging the digital platform of Microsoft Teams to accommodate a substantial audience of 100 attendees. The program aimed to delve into the foundational principles and practical applications of CRUD operations within databases, catering to both novice and intermediate level participants.

M. Faizan I. Khandwani, leveraging his expertise in the field of Information Technology, adeptly navigated through the intricacies of Create, Read, Update, and Delete operations in databases. The session amalgamated theoretical understanding with real-world examples and interactive demonstrations, fostering an engaging and informative learning environment.

Participants were actively engaged through discussions, Q&A sessions, and practical demonstrations, providing them with a holistic understanding of the CRUD operations' significance, implementation, and best practices in database management.

The Skill Development Program on CRUD Operations in Databases concluded as a highly informative and enriching session. Attendees gained valuable insights into database

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Information Technology

SKILL DEVELOPMENT PROGRAM

ONE PAGE REPORT

Shell Scripting Fundamentals

SDP Name:-	Shell Scripting Fundamentals		
Dates:-	16.04.2022	No. of hours:-	2.5 Hours
Objectives of SDP		Outcome of SDP	
1	To impart the basic knowledge Unix OS shell scripting	1	Participants will be able to understand Unix OS basics commands
		2	Participants will be able to understand the shell scripting fundamentals
		3	Participants will be able to use UNIX commands and shell scripting

Need of SDP:

This Skill Development Program is designed for beginners to understand the fundamentals to advanced concepts of UNIX commands, UNIX shell scripting, and different tools. Multitasking and multi-user features are supported. UNIX is the most extensively used operating system on all types of computers, including desktops, laptops, and servers. UNIX has a graphical user interface (GUI) that is similar to Windows and allows for easy navigation and support of the environment. It is the foundation of modern technology. UNIX is the foundation of the Internet and a variety of other services such as chat and Netflix. Red Hat, a major Linux distribution, is a UNIX -based operating system having both a command line and a graphical user interface.

Resource Person:

Mr. Yashwant Dhurde
Senior Lead Analyst
FIS Software India Pvt., Ltd., Pune

Mode of SDP: Online using Teams App

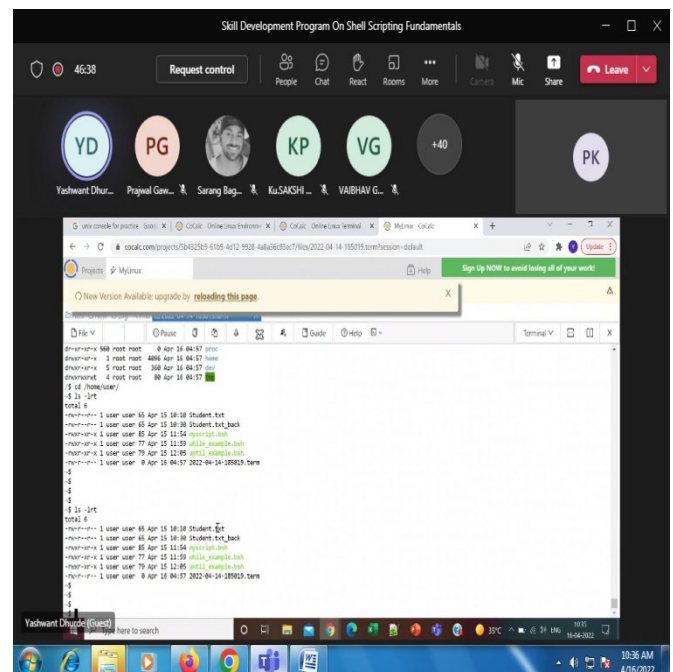
Topics Covered during SDP:

- Introduction to UNIX
- UNIX file system
- General Purpose Commands
- Pipe and Filters
- Shell
- The VI Editor
- Shell scripting

No. Participants Registered :	Course Targeted(2nd ,3rd ,4th)
Sixty Six (66)	2 nd and 3 rd Year IT and CSE Students
Resource Person Name and Profile	Coordinator Name
Mr. Yashwant Dhurde Senior Lead Analyst FIS Software India Pvt., Ltd.,Pune	Ms. P V Kale Asst. Prof. Dept. Of I.T. SSGMCE, Shegaon

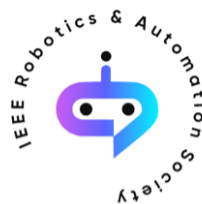


SDP Poster



Live Session Picture

Signature Of Workshop Coordinator	Signature Of HoD



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

(Report of IEEE Student Branch)

21st, 22nd and 23rd March 2022

Name of the event: Program types (Expert talk/Exposure visit/ Mentoring session/Seminar/Workshop/Competition/Exhibition/Boot camp etc.)	Introduction to Graphic Design with Photoshop By IEEE Student Branch, SSGMCE
Resource persons	Mr. Sanket Deshmukh Mr. Lokesh Chandak
Academic year	2021-2022
Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others)	Design Thinking
Start date& End Date (DD/MM/YYYY)	21/03/2022 to 23/03/2022
Duration of the activity (in hours)	9 Hours
No. Participants (Student / Faculty/If any External participants)	Students Present - 34
Mode of session (online /offline)	Offline
Program driven by (IIC Calendar activities/Self	

Poster:

 **SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,**
SHEGAON- 444203 Dist. Buldana (M.S.)

 **IEEE**
SSR/MCE Students Branch

COMPLETE JOURNEY OF PHOTOSHOP



RS. 100/-
SCAN TO REGISTER

**POSTER DESIGN,
WEBSITE UI DESIGN,
Photo editing, etc..**

**GRAPHICS DESIGNING
WORKSHOP**

WHEN	WHERE	Contact
 MON - WED 21th - 23rd MARCH 6:00 PM - 8:00 PM	 DSP Lab, EXTC Department , C block.	1) Swikruti Shah - 7875468017 2) Kartik Shingade - 9923175404

Photo:



Students learning in Photoshop workshop Date 21-03-2022

Activity Report 2021-2022
Shri Sant Gajanan Maharaj College Of Engineering

Name of Event: Troll by Tronics

Date of Event: 25th and 26th March, 2022

Location of Event: C2 classroom ,EXTC Dept. SSGMCE, Shegaon.

Number of Event: 19 team/individual .

Fees of the Event : Rs 100/-

Conducting Committee: Electronic Students and Association (ESSA) .

An Event "Troll by Tronics" was conducted by ESSA committee on the occasion of Pursuit-2022 . This workshop was conducted under the guidance of Prof. K. S. Vyas [Thanvi] ,(Faculty Advisor of ESSA) as well as Prof. S. P. Badar (Chief coordinator, Pursuit). With regards of Dr. S. B. Somani (Principal), Dr. M.N. Tibdewal (HOD of EXTC), Prof. K. S. Vyas, Prof. S. P. Badar and the student coordinator of the Event was Mr. Bhushan Hajare (Technical Head, ESSA).


This was two days Event of total 4 hours . The orienteer of the Event was Mr. Yash Deshmukh along with the co-ordination of other team members of ESSA . Followed by Pursuit Inauguration ceremony Event was conducted at 1 pm to 3 pm on day 1 and 11.30 am to 1.30 pm on day . The rounds of the events as :

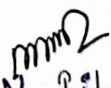
Round 1: This round will be based on basic Electrical/Electronics quiz questions (aptitude test). The aptitude test will be on Google forms . The team with less number of marks will be disqualified.

Round 2: In this round, there will be the fastest finger round take place and from that, the participants will be selected for the hot seat of KBCK (Kon Banega Circuit King). In KBCK there will be MCQ type questioning related to electronics and the rules are similar to KBC .

Round 3: In the round, you have to solve problem statement given by us. you have to draw circuit as per problem statement . This round is to test your practical knowledge.

In this Event students enjoyed a lot. And we shortlisted the winner team as team of Vaishnavi Asole and Shruti Patil who won the prize of Rs. 2000 and runner-up team was Vaishnavi Gawande And Rohini Dawale who won the prize of Rs. 1000 . The winner and runner team was felicitated at new auditorium in Pursuit's certification ceremony .


K.S. Vyas
Faculty Advisor


Dr. M. N. Tibdewal
HOD, EXTC



SHRI GAJANAN SHIKSHAN SANSTHA'S

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON - 444203 DIST. BULDHANA (M.S.) INDIA.

Recognized by A.I.C.T.E, approved by D.T.E. M.S, Re-accredited by NAAC
Courses accredited by NBA



Team Size
2 Max

TROLL BY TRONICS

Entry Fees
₹ 100

Worth
₹2000
1st Prize

Round 1
QUIZ

Round 2
K.B.C.k

Round 3
**Circuit
Problem**

Worth
₹1000
2nd Prize



**25th & 26th
March**

Register At :
<https://bit.ly/pursuit22>

For queries contact :
Bhushan Hajare -7447383821

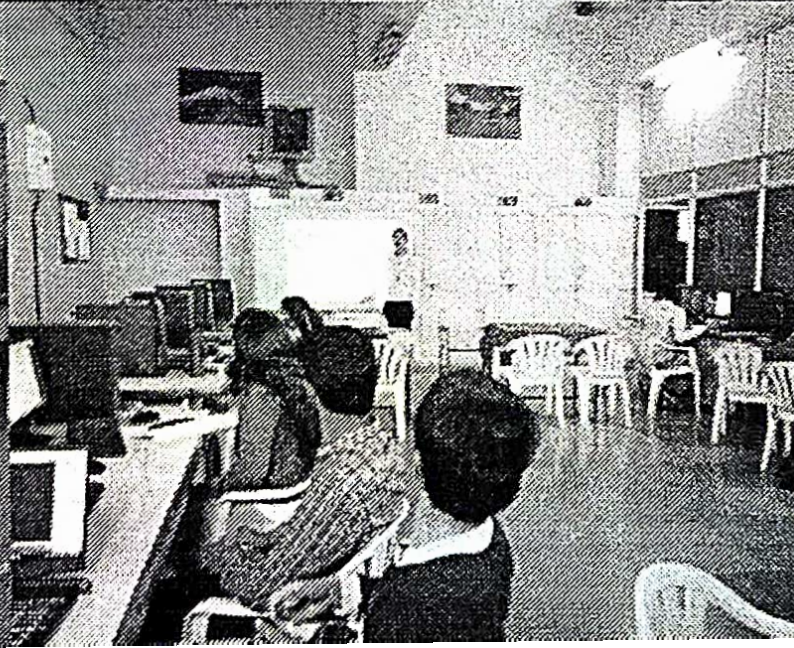
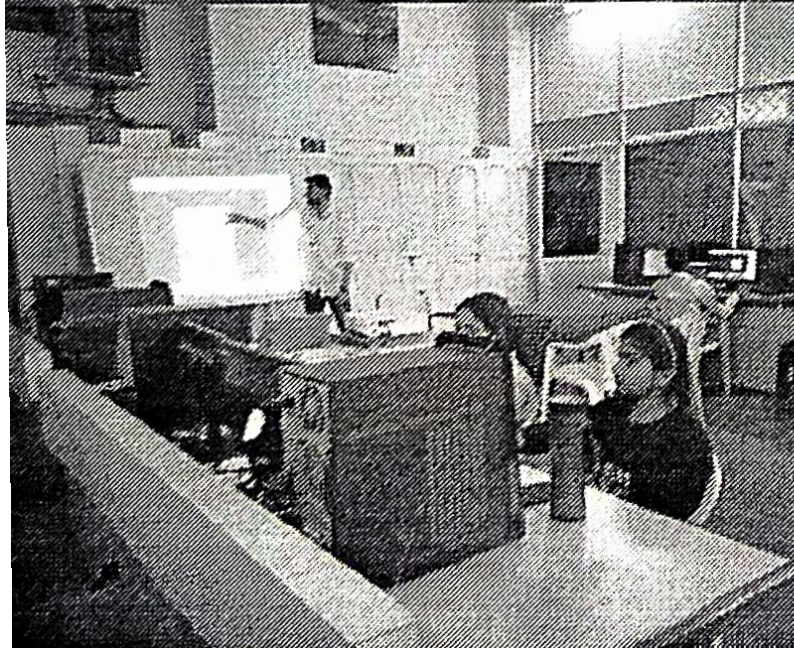
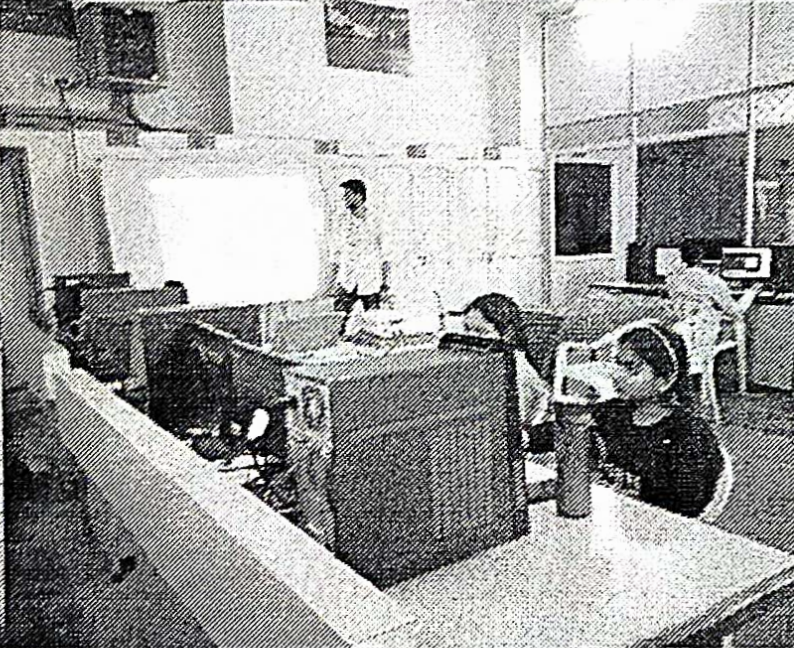
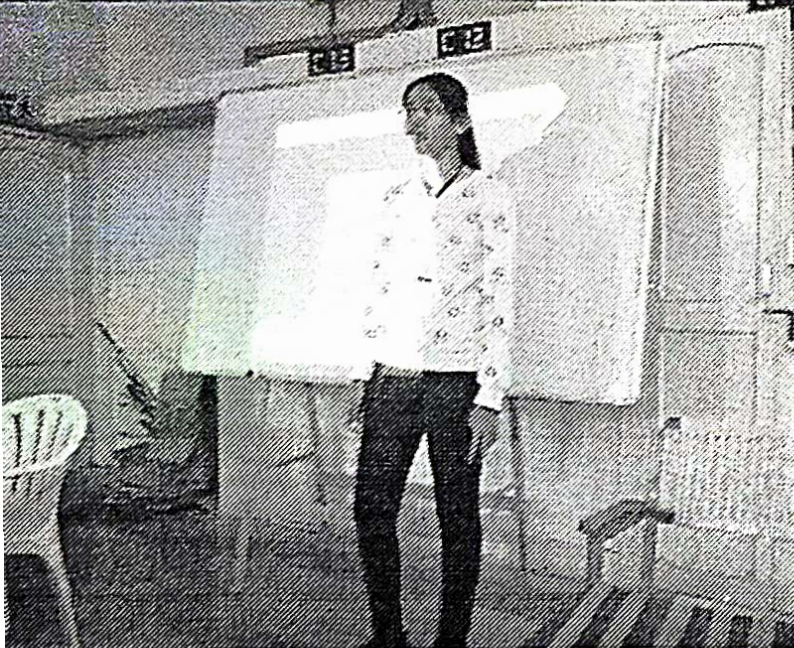
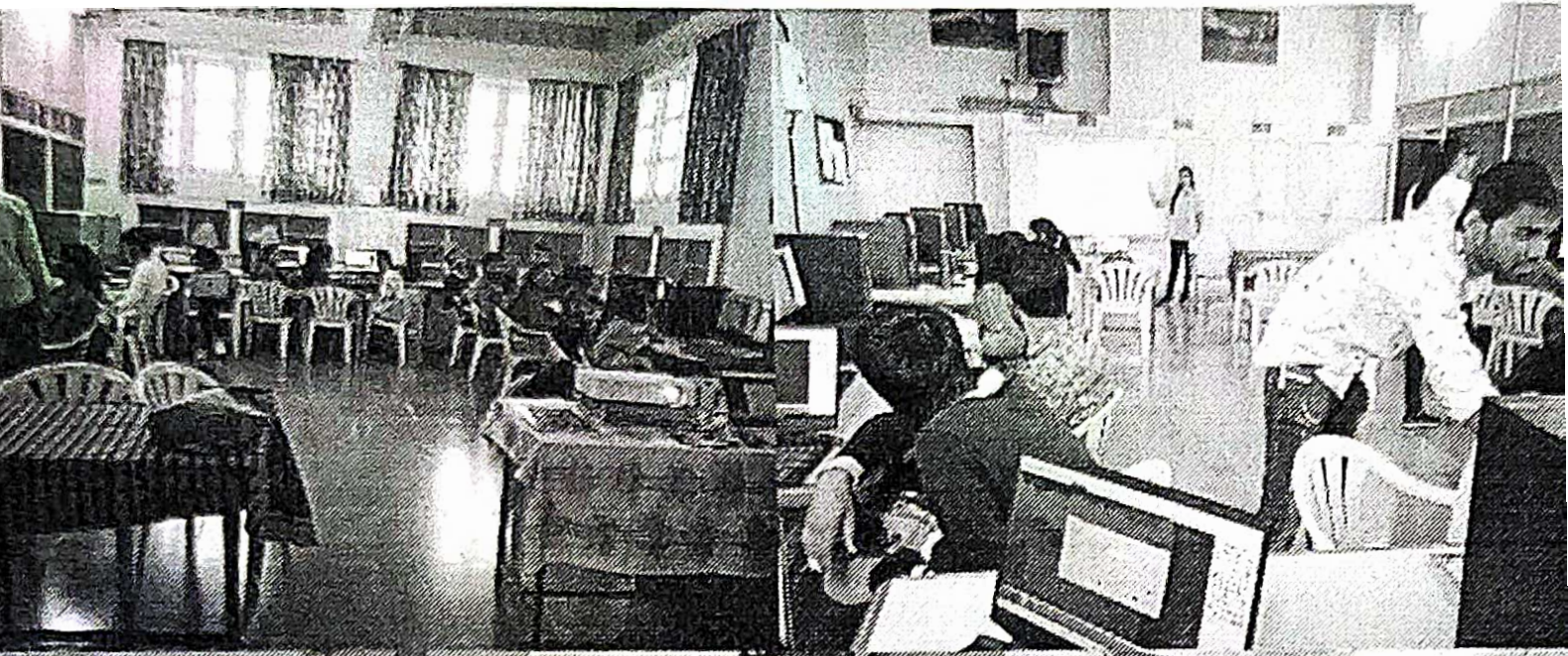
Website :
<http://www.ssgmce.ac.in/pursuit2022>

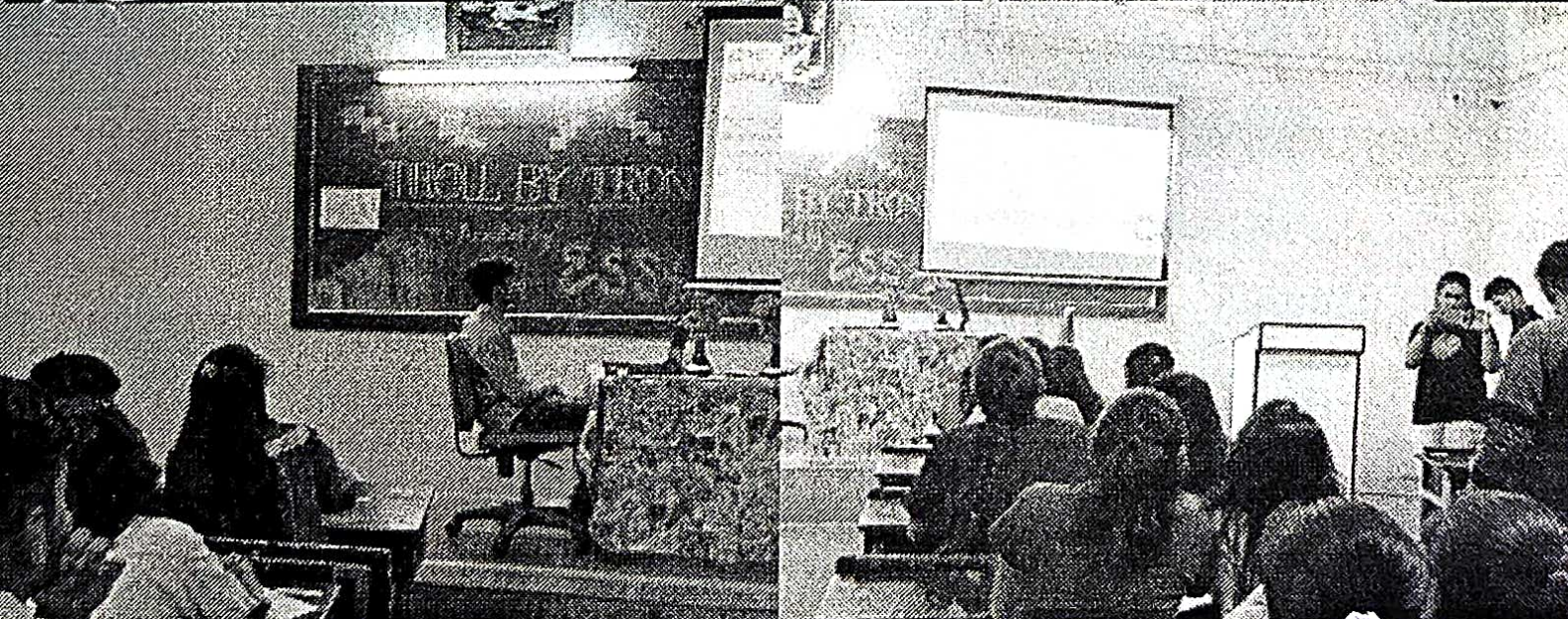
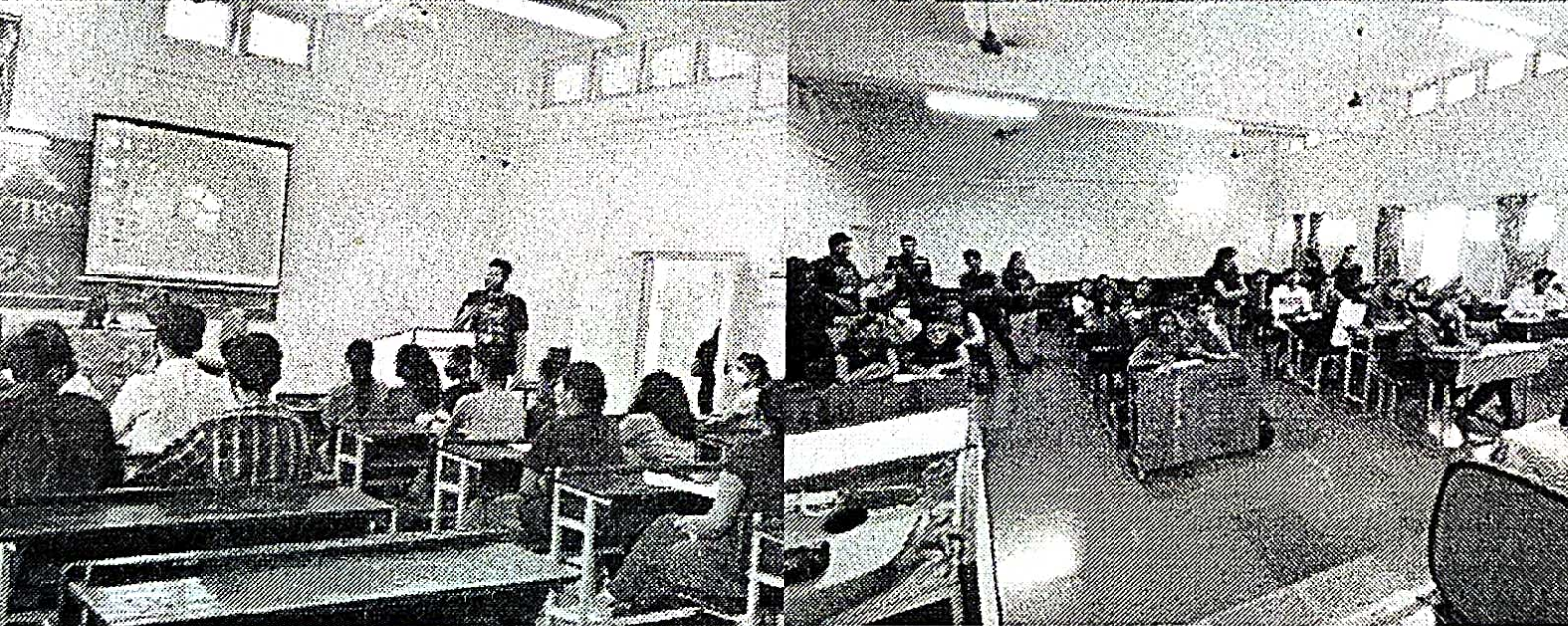
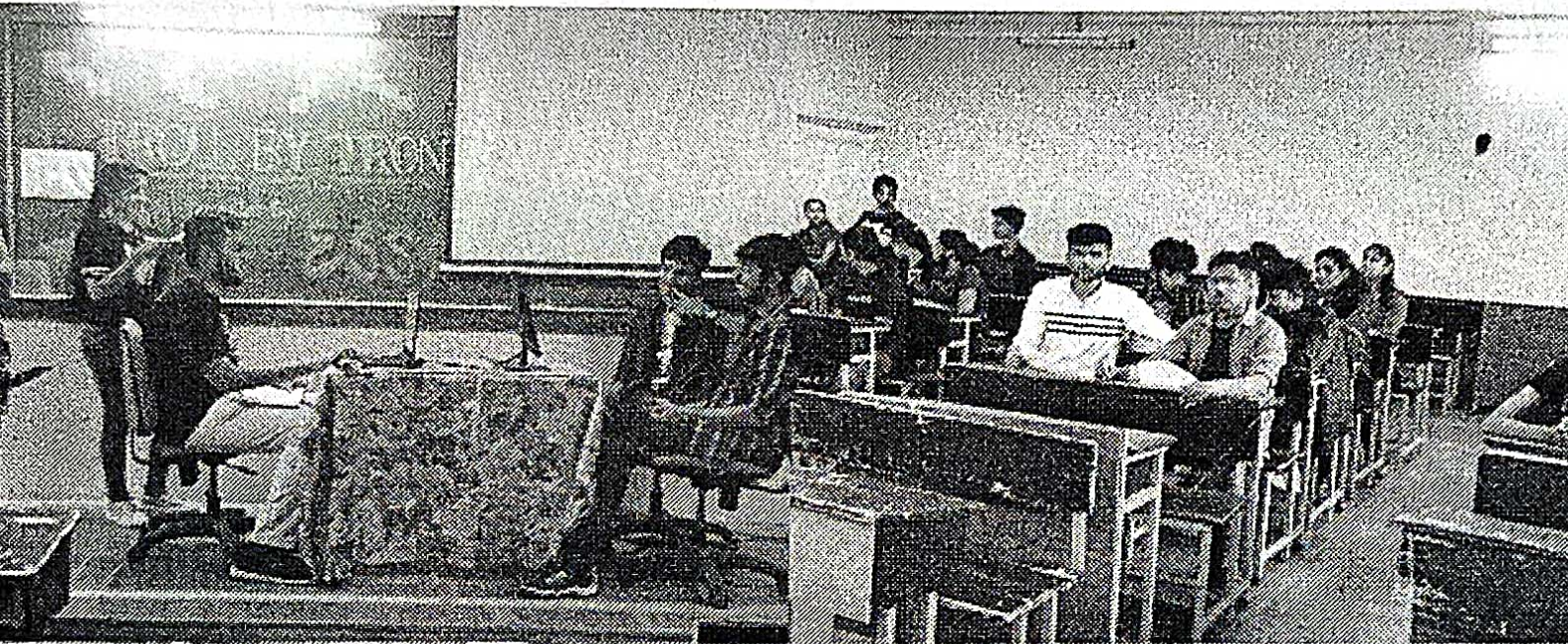
Circular



Event : Troll by Tronics Date 25-03-2022







Activity Report 2021-2022

Shri Sant Gajanan Maharaj College Of Engineering

Name of Workshop: Multisim/PCB designing

Date of Workshop: 25th and 26th March, 2022

Location of Workshop: DSP Lab, EXTC Dept. SSGMCE, Shegaon.

Number of Entries: 24 students.

Fees of the Workshop : Rs 50/-


Conducting Committee: Electronic Students and Association (ESSA) .


An informative workshop “**Multisim/PCB designing**” was conducted by ESSA committee on the occasion of Pursuit-2022 . This workshop was conducted under the guidance of Prof. K. S. Vyas [Thanvi] .(Faculty Advisor of ESSA) as well as Prof. S. P. Badar (Chief coordinator, Pursuit). With regards of Dr. S. B. Somani (Principal), Dr. M.N. Tibdewal (HOD of EXTC), Prof. K. S. Vyas, Prof. S. P. Badar and the student coordinator of the workshop was Ms. Vaishnavi Rakhode (Publicity Head, ESSA).

This was two days workshop of total 4 hours . The resources of the workshop were Mr. Lokesh Hiwarkar, Ms. Shwetatai Bhagat , Mr. Bhushan Hajare and the orienteer of the workshop were Mr. Prathamesh Gattani , Ms. Dipali Agrawal and Kartik Shingade. Followed by Pursuit Inauguration ceremony workshop was conducted at 4.30 pm to 6.30pm on day 1 and 2 pm to 4 pm on day 2.

In this workshop students learned how to use Multisim Software and what are its benefits in electronics and also basics about PCB Designing . As Multisim software integrates industry-standard SPICE simulation with an interactive schematic environment to instantly visualize and analyze electronic circuit behavior . Its intuitive interface helps educators reinforce circuit behavior . Its intuitive interface helps educators reinforce circuit theory and improve retention of theory throughout the engineering curriculum . By adding powerful circuit simulation and analyses to the design flow . Multisim helps researchers and designers reduce printed circuit board (PCB) prototype iterations and save development costs.

In this workshop student learnt a lot and enjoyed too. As using the Multisim software and dealing with PCBs is very important in Electronics engineering this event was conducted also we gave students study material for revision and also installed the software in their own devices. By clearing all the queries of the students about Multisim and PCB designing the workshop was concluded.


K.S. Vyas
Faculty Advisor


Dr. M. N. Tibdewal
HOD, EXTC

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Courses accredited by NBA



MULTISIM AND PCB DESIGNING

Team Size

1 Max

Entry Fees

₹50

Workshop details

- PCB design with Fritzing software
- Single side PCB design
- Circuit development
- How to stimulate circuit ?

Rules / guidelines

- All participants must be punctual with time .
- Approach to co-ordinators in case of any query.



25th & 26th
March

Register At :

<https://bit.ly/pursuit22>

For queries contact :

Vaishnavi Rakhonde -7722007834

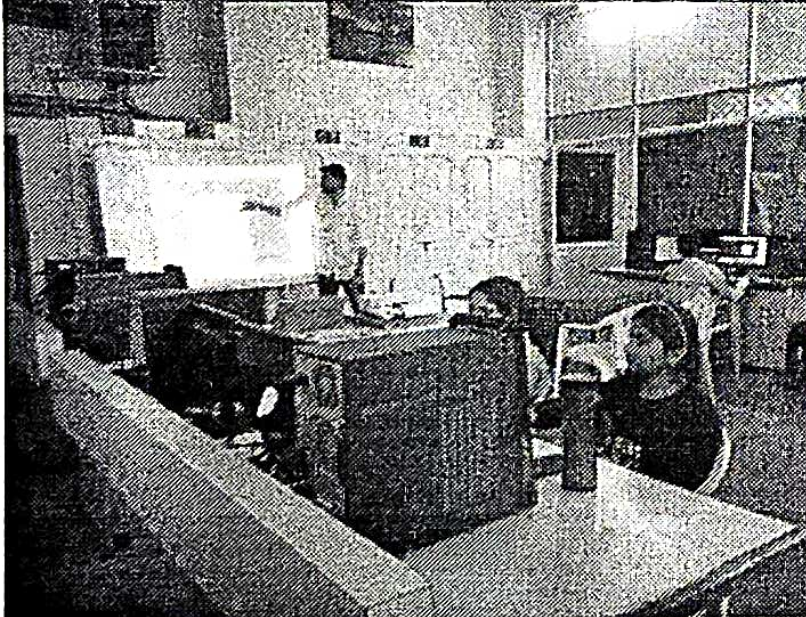
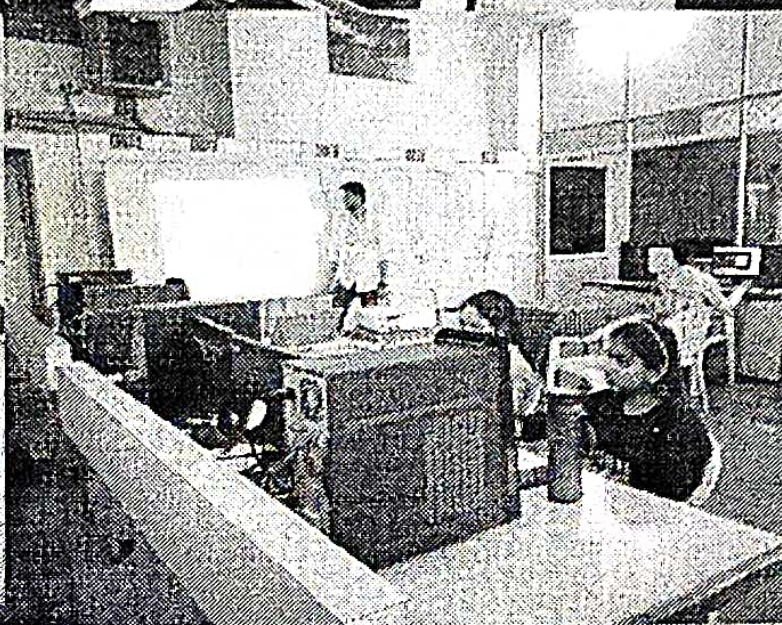
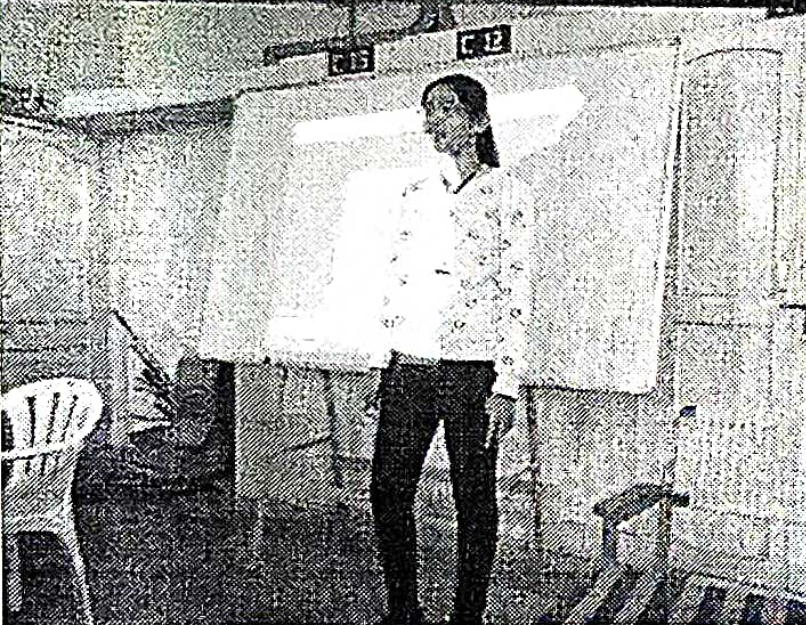
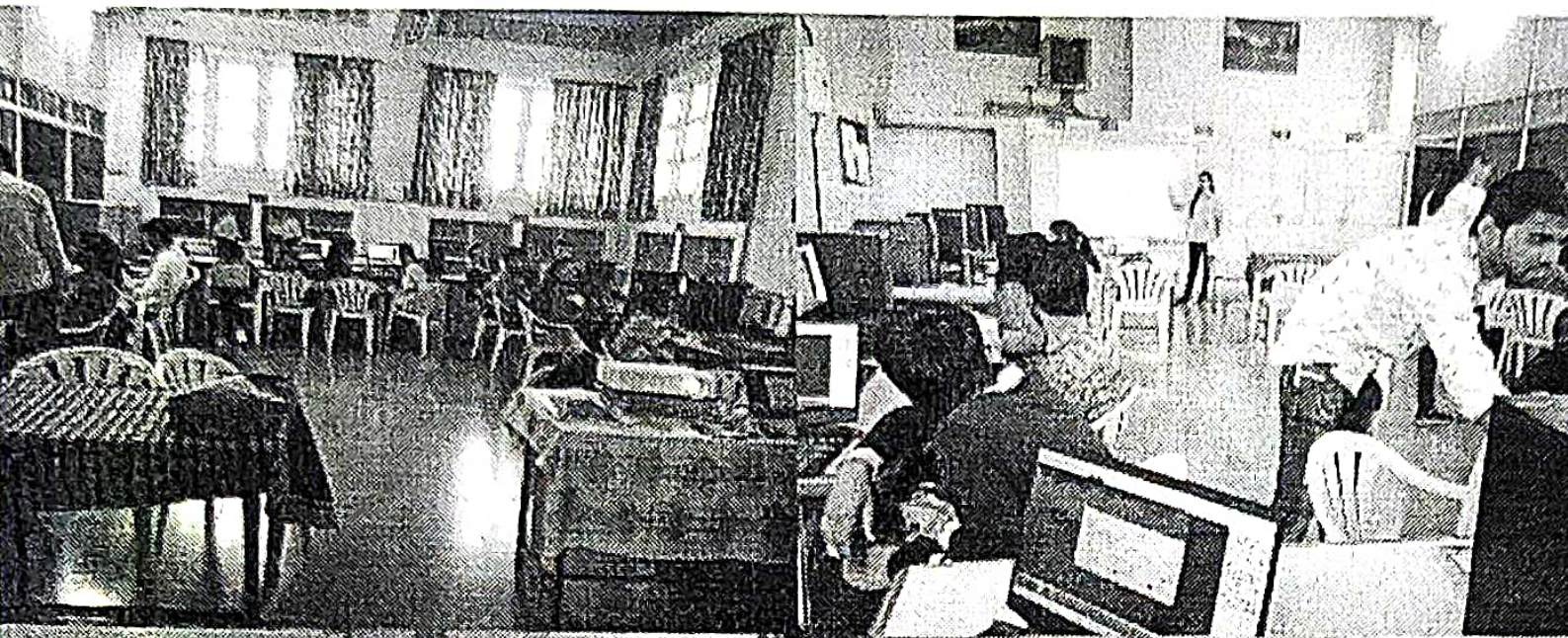
Website :

<http://www.ssgmce.ac.in/pursuit2022>

Circular



Workshop on Multisim and PCB design Date 25-03-2022





Shri Sant Gajanan Maharaj College Of Engineering , Shegaon.

EXTC Department

Electronics Students and Staff Association



ELECTRO-METRO

- Basic Electronic Workshop
- Bread board and PCB Designing
- Duration : 18 Hrs (6 hr per day)
- Take away kits are available.



Day 1 Date : 11/03/2022

Day 2 Date : 12/03/2022

Day 3 Date : 13/03/2022

Registration Fees: Rs.400 /Group
(Group can contain max 4 students)
Registration Mode : Offline / Online

Last Date registration: 7/03/2022

For Details

Contact : Harsh Drona (8766518883)



QR code for fees





3-Days Skill development workshop on basic electronics : Electro Metro : Theory session



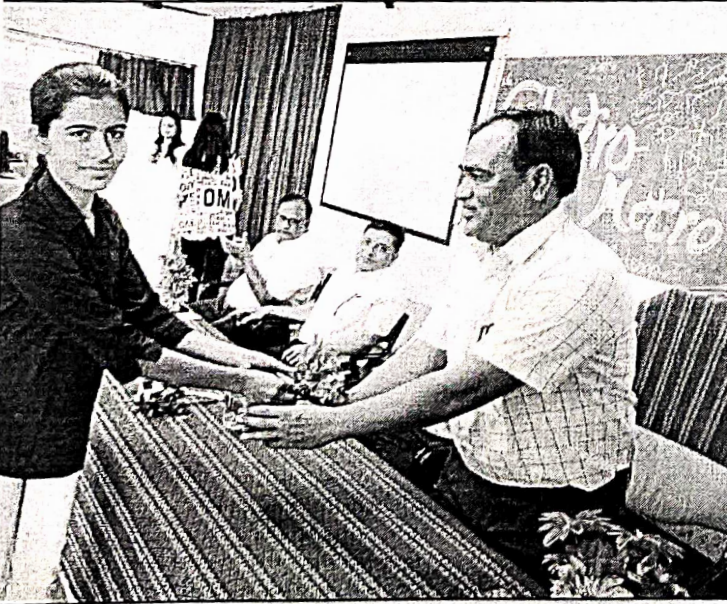
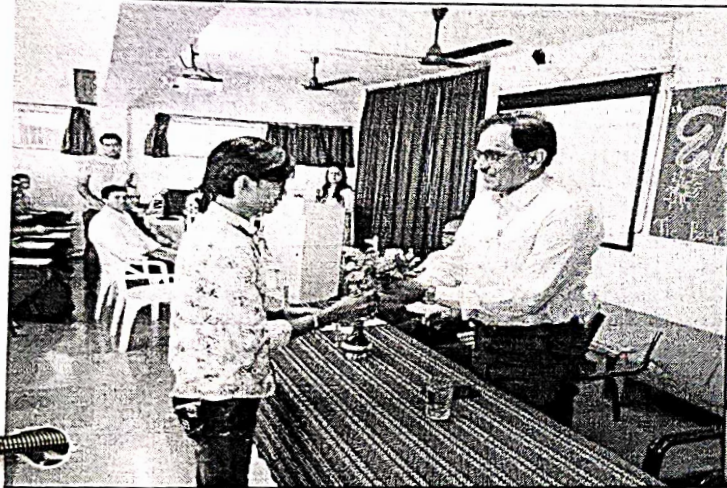
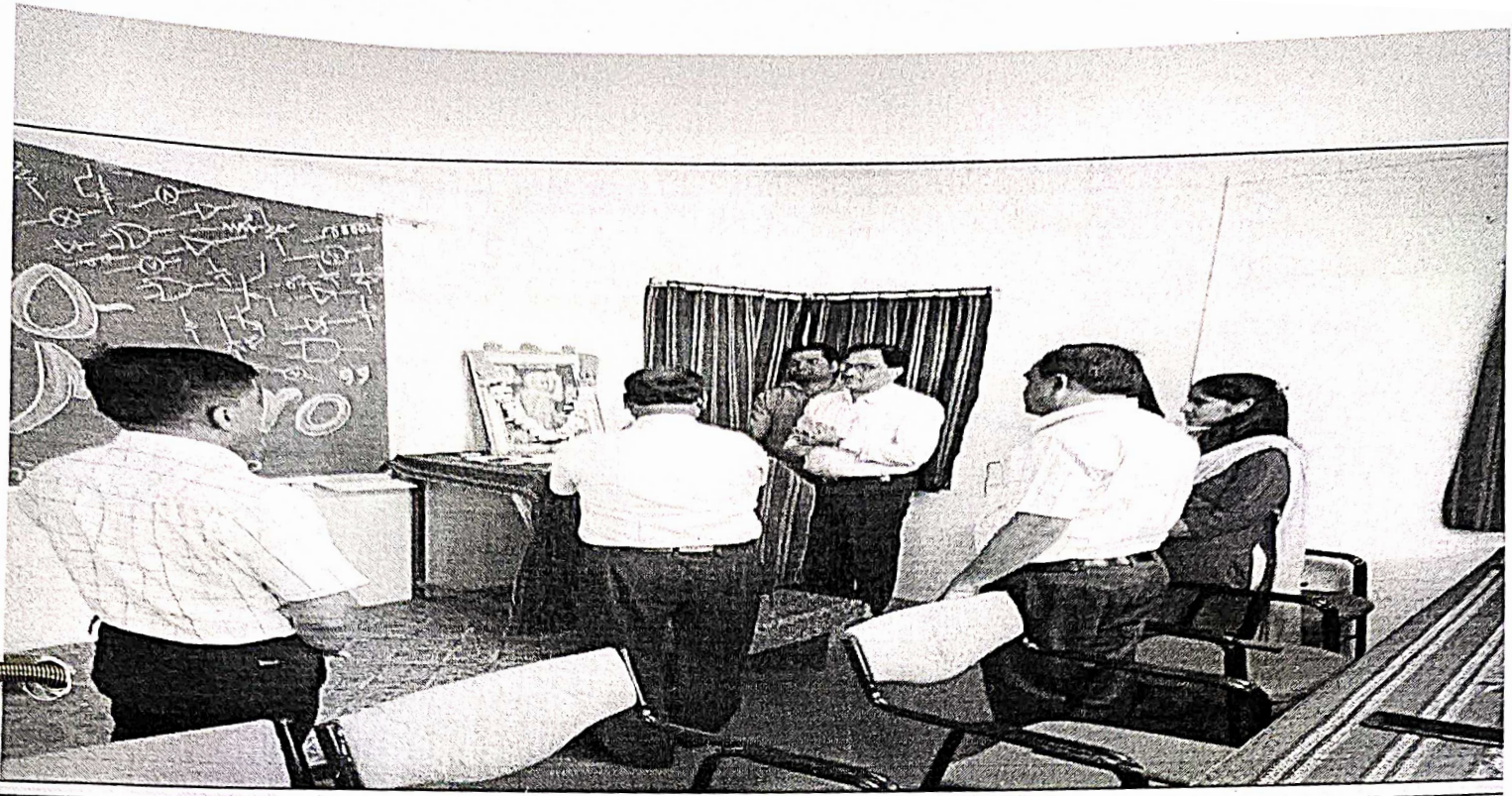
3-Days Skill development workshop on basic electronics : Electro Metro : Theory session

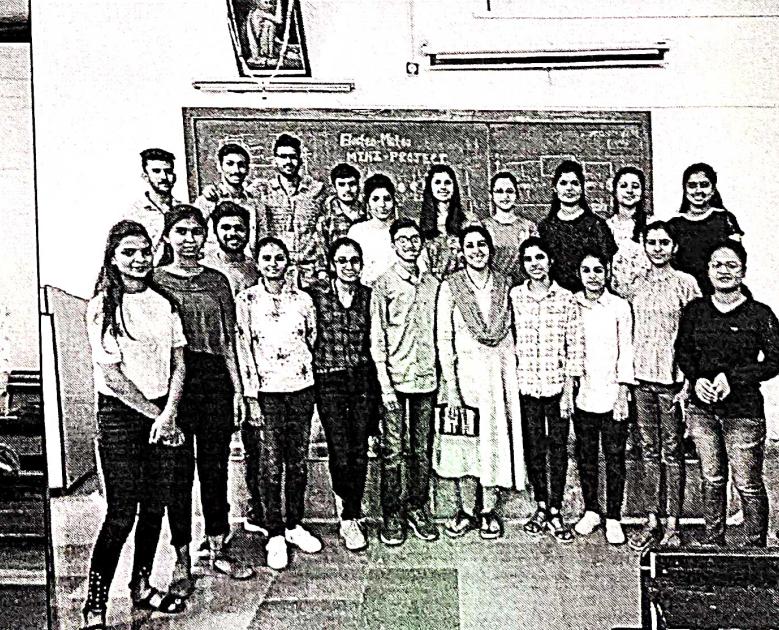
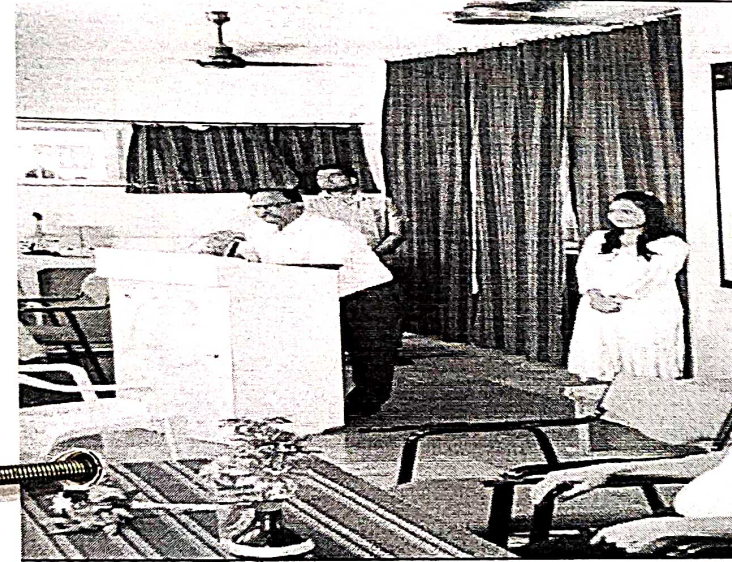
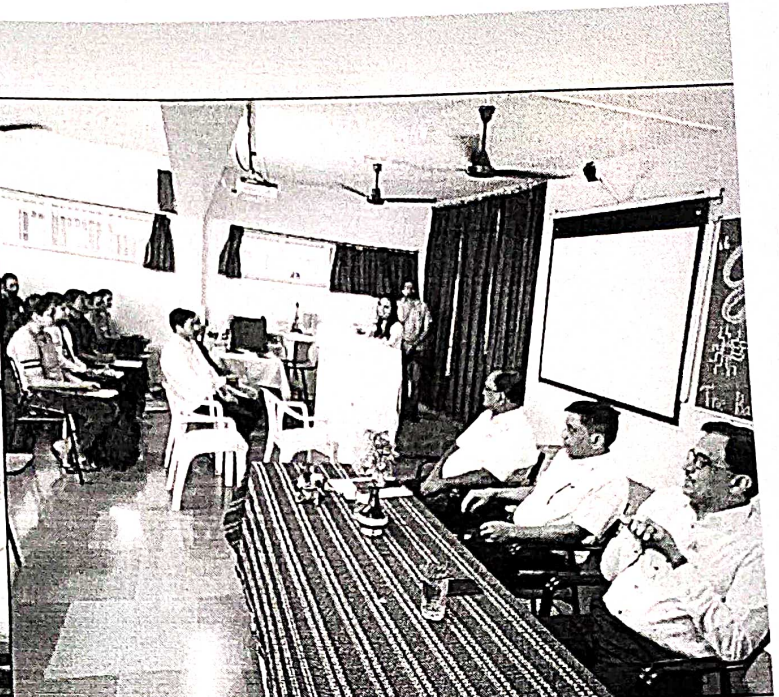
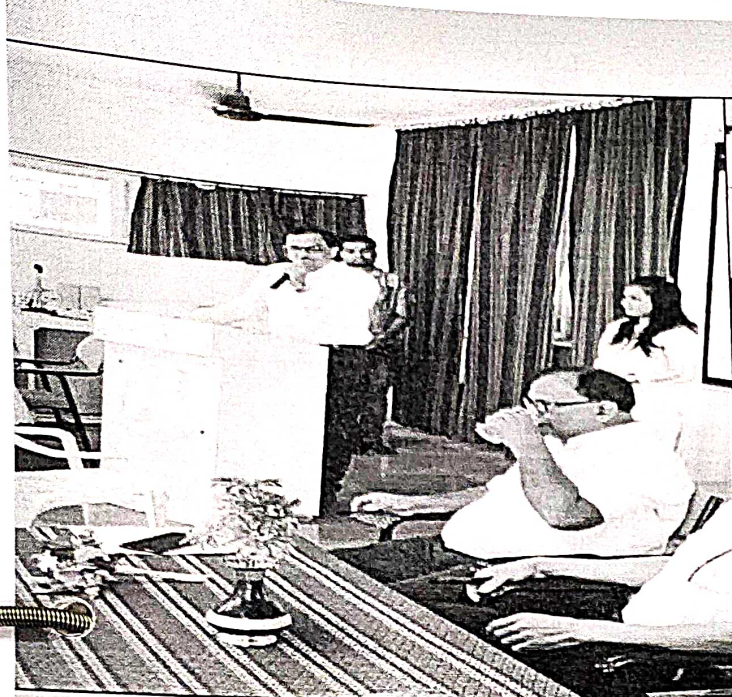


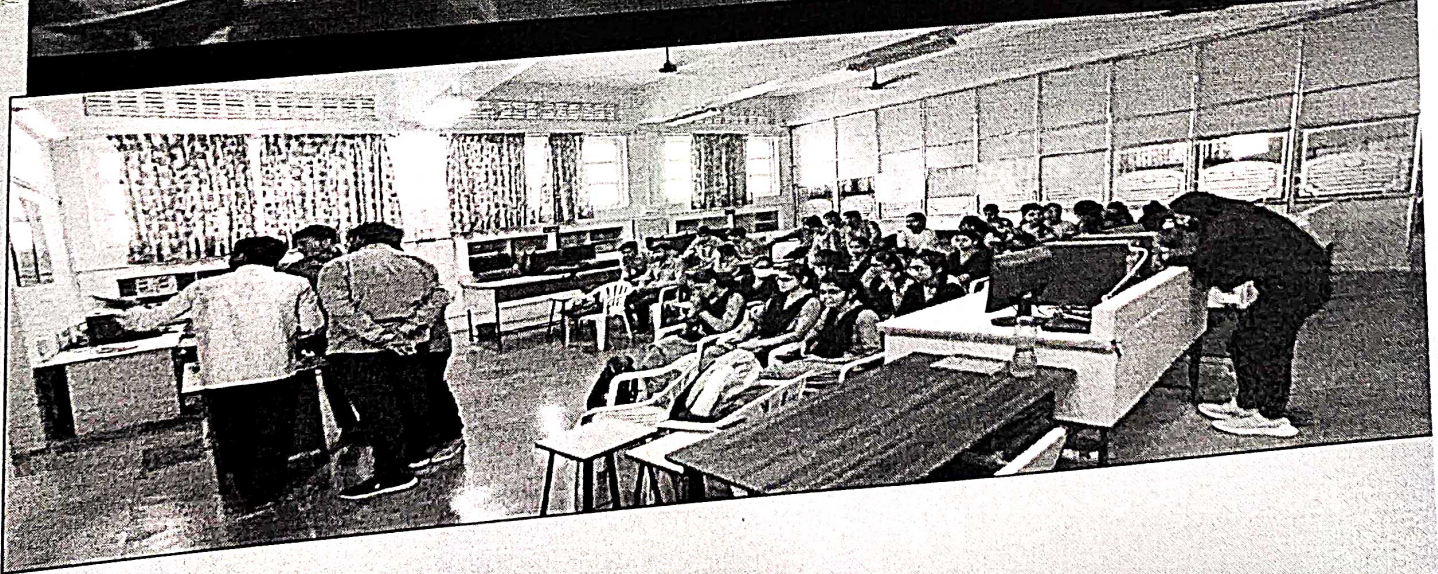
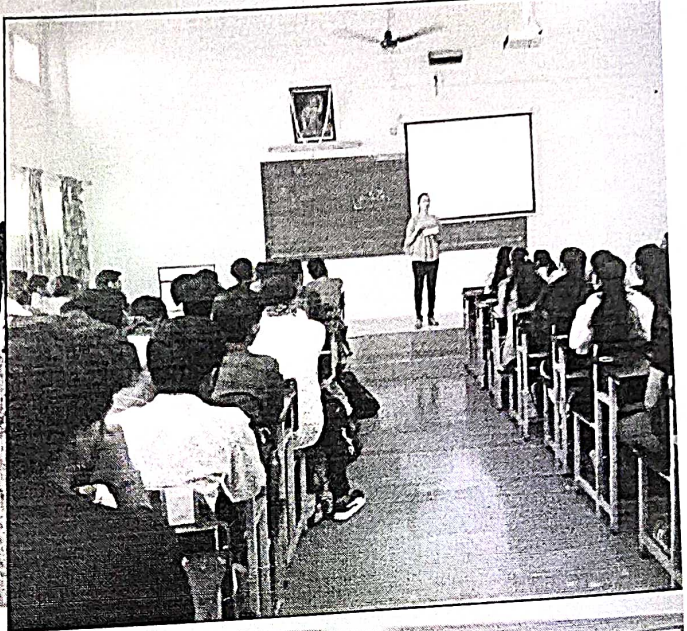
3-Days Skill development workshop on basic electronics : Electro Metro : Lab session



3-Days Skill development workshop on basic electronics : Electro Metro : Lab session

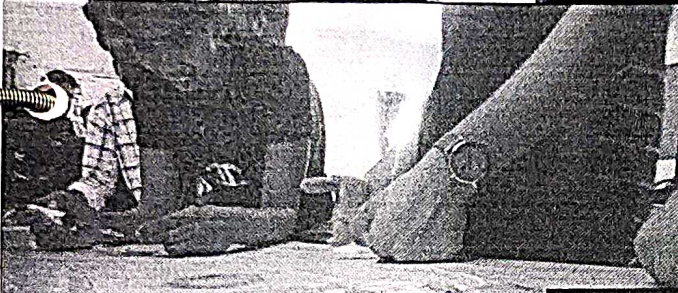








GPS Map
Camera Lite



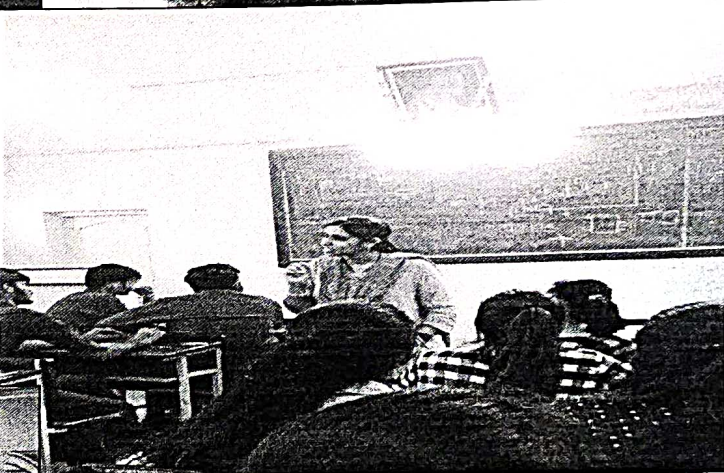
GPS
Camera Lite



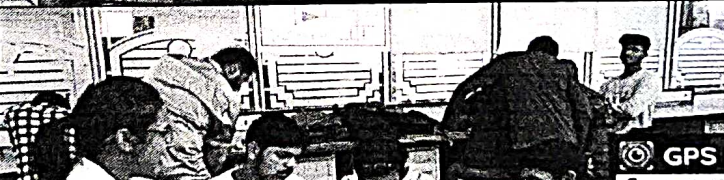
GPS Map
Camera Lite



GPS
Camera Lite



GPS
Camera Lite



GPS
Camera Lite

QMHH+X95, SBI Colony, Shegaon, Maharashtra 444203, India

Latitude
20.7795679°

Longitude
76.6775459°

Local 06:12:23 PM
GMT 12:42:23 PM

Altitude 0 meters
Saturday, 12-03-2022

QMJJH+H6V, SBI Colony, Shegaon, Maharashtra 444203, India

Latitude
20.78166155°

Longitude
76.67821243°

Local 03:48:36 PM
GMT 10:18:36 AM

Altitude 231.59 meters
Saturday, 12-03-2022

Date : 03-03-2022

To,
Principal, SSGMCE
Through,
HOD. EXTC
Shegaon-444203

Subject: - 'Electro-Metro' Workshop proposal. ✓

Respected Sir,

We team ESSA (2021-2022) wish to conduct workshop on basic electronics named as "Electro- Metro". It will be held on 11th, 12th and 13th March 2022 for all 1st year and 2nd year EXTC Students.

It is a three day workshop with duration of 18 hrs (6 hrs per day). This workshop will be conducted by Mr. Sanjay Satul (Lab. Assistant), Mr. Saleem Ahmad (Lab Assistant) and Bhushan Hajare (Technical Head, ESSA) with charges 400rs each group. We will provide them take away kits of components to perform live hands on training. After successful completion of workshop we will provide hard copy of certificate to each participant.

Day 1 (11/03/2022)

Inauguration.

Session by Mr. Sanjay Satul .

Session by Mr. Saleem Ahmad.

Day 2 (12/03/2022)

Phase 1 :- Training of Breadboard.

Phase 2 :- Training of PCB soldering.

Day 3 (13/03/2022)

Project 1 :- Dark Sensor using IC NE555 and LDR .

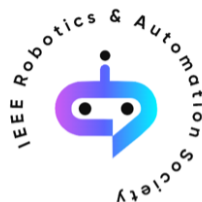
Project 2 :- Voltage regulation using IC 7805.

Project 3 :- Led chaser using IC NE555 .

Thank you for your consideration and waiting for your response positively.

S.S. Vyas
Faculty advisor, ESSA
Forwarded for kind
consideration
permi. Head with R/R of college -
mm
03.3.22

S.S. Vyas
Yours Sincerely,
Shwetatai Bhagat
(Chairperson, ESSA)



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

(Report of Robovision 2022)

12th and 13th March 2022

Name of the event:Program types (Expert talk/Exposure visit/ Mentoring session/Seminar/Workshop/Competition/Exhibition/Boot camp etc.)	Robovision 2022 By IEEE Student Branch, SSGMCE
Resource person	Dr. Pravin Wankhede
Academic year	2021-2022
Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others)	Innovation
Start date& End Date (DD/MM/YYYY)	12/03/2022 & 13/03/2022
Duration of the activity (in hours)	8 Hours
No. Participants (Students / Faculty/If any External participants)	Students Present - 48
Mode of session (online /offline)	Offline
Program driven by (IEEE Calendar activities/Self activities/IEEE Activities/Celebration activities)	IEEE Calendar activities

Poster:



SSGMCE IEEE Robotics and Automation Society Chapter
presents

ROBOVISION

TWO DAYS HANDS-ON
WORKSHOP ON ROBOTICS

12 - 13
MARCH
2022

400/-
PER GROUP
(MAX 4 STUDENTS IN GROUP)

REGISTRATION:



WORKSHOP HIGHLIGHTS:

- Gesture controlled robot.
- Obstacle avoiding robot.
- Line Following robot.
- Sensors interfacing with Nodemcu.
- Wifi controlled car.
- And many more...

NOTE: THIS EVENT IS EXCLUDING FIRST
AND SECOND YEAR EXTC STUDENTS.

CONTACT:

AMIT VERMA : 9145775173

DR. P. R. WANKHEDE
WORKSHOP COORDINATOR
FACULTY ADVISOR, IEEE RAS CHAPTER

PROF. DR. M. N. TIBDEWAL
DEPARTMENTAL CHAIR AND
HEAD, EXTC DEPT

PROF. DR. S. B. SOMANI
PRINCIPAL,
SSGMCE, SHEGAON

Photos of the Event:



Robovision-2022 Group photo with P.R.Wankhede



Robovision-2022 class



Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department Of Electronics and Telecommunication Engineering
(Report of Introduction to Microcontroller and Interfacing with Sensors)

26th March 2022

Name of the event:Program types (Expert talk/Exposure visit/ Mentoring session/Seminar/Workshop/Competition/Exhibition/Boot camp etc.)	Introduction to Microcontroller and Interfacing with Sensors By IEEE Student Branch, SSGMCE
Resource persons	Mr. Vedant Khandokar and Mr. Ashutosh Bhelonde
Academic year	2021-2022
Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others)	Design Thinking
Start date& End Date (DD/MM/YYYY)	26 March, 2022
Duration of the activity (in hours)	6 Hours
No. Participants (Student / Faculty/If any External participants)	Students Present - 29
Mode of session (online /offline)	Offline
Program driven by (IEEE Calendar activities/Self activities/MIC Activities/Celebration activity)	IEEE Calendar activities

Session recording link /offline venue All Social media Link (promotion)	Venue : Dept of Electronics and Telecommunication Eng.
Event Coordinator Faculty Name/Department /Designation	Dr. P. R. Wankhede Assistant Professors Electronics and Telecommunication Engg. Department
Target Participants	First & Second Year Students
Objective Benefit in term of learning/skill/knowledge obtained (benefit in term field is required)	<p>The objectives of this Workshop are as follows</p> <p>The objective of the workshop ‘Introduction to Microcontroller and Interfacing with Sensors’ is to teach participants the basics of micro controllers and how to interface with the sensors. The workshop covered the following topics:</p> <ul style="list-style-type: none"> • Introduction to micro controllers: what are micro controllers? How do they work? • Different types of micro controller: ARM, PIC • Arduino: A popular open-source micro controller platform • Interfacing with sensor • Programming micro controllers <p>The outcomes of this event are following</p> <ul style="list-style-type: none"> • Participants is able to define a micro controller and explain its basic operation. • Participants is able to identify different types of micro controllers and their features. • Participants is able to use a popular micro-controller platform, such as Arduino. • Participants is able to use a micro controller with sensors. • Participants is able to program a micro controller to control a sensor. • Participants is able to build their own projects using micro controllers and sensors.

Poster:



The poster is for a workshop titled "Introduction to Microcontroller and Interfacing with Sensors". It is organized by the IEEE Student Branch at SSGMCE, Shegaon. The event is on 26th March 2022. The poster includes the college's name, accreditation details, entry fees of 50 Rs, venue (Electronic dept. seminar hall), time (2 to 4 Pm), and contact information for Amruta Bobde and Kirti Raut. A registration link is provided: <https://bit.ly/pursuit22>. The IEEE logo and "SSGMCE Students' Branch" are also present.

SHRI GAJANAN SHIKSHAN SANSTHA'S
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Courses accredited by NBA

**Individual Or
Group Entries**

**MICROCONTROLLER AND
SENSORS INTERFACING**

**Entry Fees
50 Rs**

Introduction to Microcontroller and Interfacing with Sensors

- Introduction to Microcontroller
- Working with ESP-8266
- Interfacing with Sensors (Ultrasonic, IR sensor)
- Mini Projects with ESP-8266

Venue :-
Electronic dept. seminar hall

Time :-
2 to 4 Pm

For queries contact :
Amruta Bobde -9518503135
Kirti Raut -8999208730
Pursuit website :
<http://www.ssgmce.ac.in/pursuit2022>

26th March

Register At :
<https://bit.ly/pursuit22>

IEEE
SSGMCE Students' Branch

Overview of the program:

IEEE Student Branch SSGMCE, Shegaon has organized the 'Introduction to Microcontroller and Interfacing with Sensors' Workshop for the students on 26th March 2022. In total, 28 students actively participated in the mention workshop.

Our aim was to make the workshop completely hands on-one and explain the theory through practical. We did this because it is our firm belief that no concept can be understood by reading/listening alone; the only way to understand anything completely is by practically doing things and experiencing it. We wanted to start from scratch so that their base/foundation become strong and thus give them a platform to build their knowledge.

The first step for the hands-on workshop was to give them their own kits. For this, we assembled a kit containing all the required components.

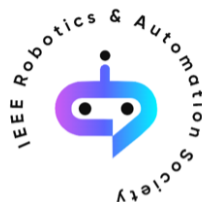
Photos of the Event:



Theory class of Introduction to Microcontroller and Interfacing with Sensors Date 26-03-2022



Hands on Microcontroller and Interfacing with Sensors Date 26-03-2022



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

(Report of IPL Auction)

Name of the event:Program types (Expert talk/Exposure visit/ Mentoring session/Seminar/Workshop/Competition/Exhibition/Boot camp etc.)	IPL Auction By IEEE Student Branch, SSGMCE
Resource persons	Mr. Ashutosh Bhelonde
Academic year	2021-2022
Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others)	Event
Start date& End Date (DD/MM/YYYY)	05th May 2022
Duration of the activity (in hours)	4 Hours
No. Participants (Student / Faculty/If any External participants)	Students Present - 36 students
Mode of session (online /offline)	Offline
Program driven by (IEEE Calendar activities/Self activities/MIC Activities/Celebration activity)	IEEE Calendar activities

Poster:



The poster features a central illustration of several cricketers in various team uniforms (blue, red, yellow, purple) in batting stances, set against a night stadium background with bright lights. At the top left is the logo of the Indian Institute of Space Science and Technology (IIST). At the top center, it says 'IEEE RAS PRESENTS'. At the top right is the logo of IEEE Robotics & Automation Society, SSGMCE, SHEGRON. The main title 'IPL AUCTION 2022' is prominently displayed in the center, with a gavel icon to the right. Below the title, the date and time are listed. At the bottom, there is information about cash prizes, entry fees, registration details, and contact information.

IEEE RAS PRESENTS

IPL[®] AUCTION 2022

DATE:
05/05/2022

TIME:
1:30 PM

CASH PRIZES OF
RS 1777

LIMITED ENTRIES
TEAM ENTRY FEE:400/-
(PER TEAM OF 4)

REGISTRATION
[HTTPS://CUTT.LY/IPL_AUCTION
REGISTRATION](https://cutt.ly/IPL_AUCTION_REGISTRATION)

CONTACT:
ASHUTOSH BHELONDE: 7887481766

Overview of the program:

IEEE students branch and Robotics and Automation Society Chapter organized a fund-raising event called “IPL Auction” on 20th February, 2022. In the Electronics and Telecommunication Department Seminar Hall. The IPL Auction was a fund raising event aimed at undergraduate students and teams.

In this college-level IPL auction program, there were 36 participants organized into groups of 4. Each group was allocated a specific budget for the auction of players. The players were categorized into marquee and normal players, with marquee players having higher ratings.

The objective of the auction was to assemble the highest-rated team of 11 players while staying within the budget constraints. Participants had to strategically allocate their budget to acquire marquee and normal players, considering their ratings and value to build a competitive team. The challenge was to maximize the overall team rating within the budgetary limits.

The event coordination is done by Mr.Ashutosh Bhelonde and Mr.Yash Kulthe. The team Ritanshu Khatke was the winning team. The winning team took home a cash prize and a certificate.

Photos of the Event:



IPL Auction : Date -05-05-2022



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Report On

IPL Auction

Name of the event: IPL Auction

Date of the event: 20th February 2022

Location of the event: EXTC, Seminar Hall

Number of people attending: 36

Sponsoring organization: IEEE RAS Students Branch

The Event 'IPL Auction' was held on 20th February 2022, conducted by IEEE RAS SB .

IEEE Faculty Advisor Dr.P.R.Wankhede sir was present at the event.

The anchor of the day was Ms.Sneha Khatke, Ms.Shrushti Nawalkar.

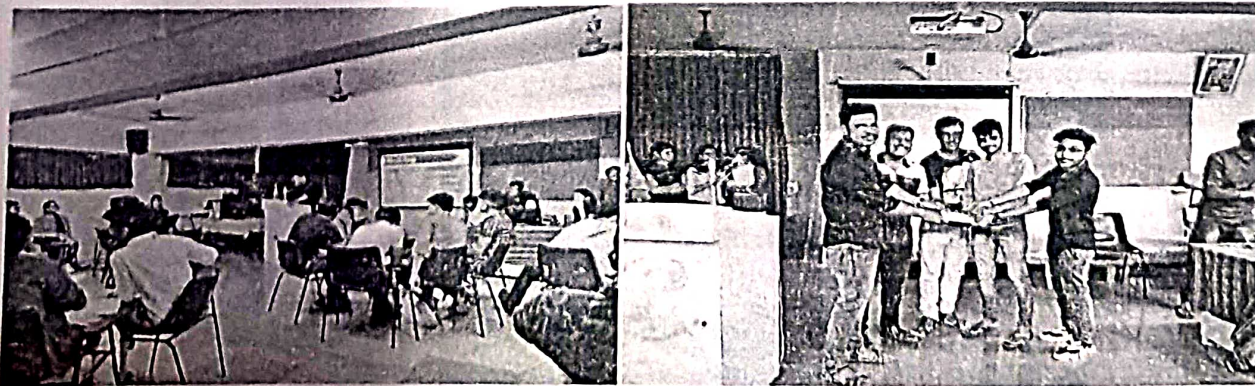
Event was started at 12:00pm and end on 6:00pm.

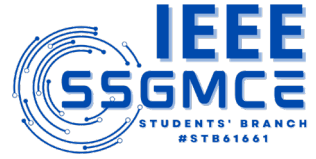
The Student coordinator of the event are Mr.Ashutosh Bhelonde and Mr.Yash Kulthe .

Thankfully each and every member of IEEE-SB had direct or indirect contribution in carrying out this successfull event .The overall program was carried out under the guidance of faculty advisor Dr.P.R wankhede.

The Vote of Thanks was given by Ms.Shrushti Nawalkar.

Faculty advisor : Dr.P.R.Wankhede





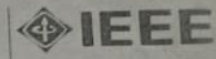
**Shri Sant Gajanan Maharaj College of Engineering, Shegaon
Department Of Electronics and Telecommunication Engineering**

(Report of Chasing Calsi)

09th January 2022

Name of the event:Program types (Expert talk/Exposure visit/ Mentoring session/Seminar/Workshop/Competition/Exhibition/Boot camp etc.)	Chasing Calsi By IEEE team, SSGMCE.
Resource persons	Dr. P. R. Wankhade
Academic year	2021-2022
Program Theme (IPR/ R& D and Innovation /Entrepreneurship/ Design Thinking /Incubation and Pre-Incubation /others)	Workshop
Start date& End Date (DD/MM/YYYY)	09/01/2022
Duration of the activity (in hours)	4 Hours
No. Participants (Student / Faculty/If any External participants)	Students Present - 180
Mode of session (online /offline)	Offline
Program driven by (IIC Calendar activities/Self activities/MIC Activities/Celebration activity)	IEEE Calendar activities

Circular:



Shri Sant Gajanan Maharaj College of
Engineering, Shegaon

IEEE-SB presents

Chasing Calsi

FOR FIRST
YEAR

Entry fees
30/-

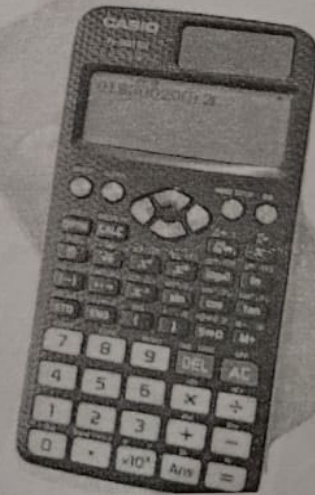
VENUE : OLD
AUDITORIUM
HALL



17 December 2022



9:00 am to 12:00



Contact us:

Akash Endole: 7745809232

Mansi Agrawal: 9922230337

Refreshments will be
provided.

the workshop and appreciated the management for holding such an amazing event. The vote of thanks has been delivered.

As the workshop session concluded, the participants were left with a profound sense of purpose and a renewed outlook on their potential as future engineers with the new skill.

Photos of the Event:



Dr. P. R. Wankhade delivering the lecture in the event Date 09-01-2022

Handwritten signature of Dr. P. R. Wankhade in blue ink.

Dr P R Wankhede



SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING, SHEGAON



IEEE Students' Branch

Web: <https://edu.ieee.org/in-ssgmce/>

email: ieee@ssgmce.ac.in

STB61661

Date: 13th December, 2022

To,
The Principal,
SSGMCE, Shegaon

Subject: Permission to organize "Workshop on Scientific Calculator"

Respected Sir,

With reference to above subject, we wish to "One Day Workshop on Scientific Calculator" on 17th December 2022 (9.00am to 12.00noon) under IEEE Students Branch for the benefit of first year engineering students. Under the workshop we will impart a hands-on knowledge on using Scientific Calculator for engineering calculations. Registration fee for the workshop is Rs.30. The registration fee included tea, breakfast and certificate in softcopy.

We kindly seek your permission.

Thanking you.

Dr. Pravin Wankhede
Branch Counselor,
IEEE Students' Branch

To
Hon. Principal Sir
please permit 13.12.2022

Permit
13/12

Date: 24/11/2022

To,
The Principal,
SSGMCE, Shegaon

Subject: Permission to conduct Two Days workshop on "CMOS Digital Design using Microwind"

Respected Sir,

Electronics & Telecommunication Department wish to organize Two Days workshop on "CMOS Digital Design using Microwind" for EXTC students on 3rd and 4th December 2022. We hope this workshop will help students to get basic knowledge of VLSI design & simulation of Circuits on MICROWIND software.


The detail about training course is as follow:

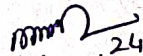
Workshop Name	Fees	Dates	Targeted Students
"CMOS Digital Design using Microwind"	Rs 300/- per student	3 rd and 4 th December 2022.	All EXTC students

We request you to permit us for the conduction of this workshop.

Thanking you,

Yours Faithfully,


Prof. S. P. Badar
Workshop Coordinator


Dr. M. N. Tibdewal
Head, EXTC Department
24/11/2022

MOD (EXTC)
Permitted as per RR
F.N.
25/11

Encl: Workshop schedule and contents



**SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING,
SHEGAON, DIST- BULDANA, MAHARASHTRA-444203**

**Department of Electronics and Telecommunication Engineering
Presents**

Two Days Offline Hands-on Workshop on

CMOS Digital Circuit Design



**3rd & 4th Dec 2022
9.00 am to 5.00 pm**



**EXTC Dept,
SSGMCE Shegaon**



**Registration Fees:
Rs. 300/-**



**To Register :
<https://bit.ly/3u4jTuj>**



9503733768



extcworkshops.ssgmce@gmail.com



MICROWIND


Workshop Contents

- Simulation of Logic Gates and Digital Circuit using DSCH
- VLSI Design flow
- Basics of MOSFET
- V-I Characteristic of MOSFET
- nMOS and pMOS - Layout
- CMOS Fundamentals
- Design CMOS Inverter
- Layout of CMOS Inverter
- Logic Gates - Layout and Design
- Digital Circuit Design using CMOS logic (Combinational Circuit)

Mr. S. P. Badar
Resource Person &
Workshop Coordinator

Dr. M. N. Tibdewal
HoD, E & TC Dept.,
SSGMCE, Shegaon

Dr. S. B. Samant
Principal
SSGMCE, Shegaon

**SHRI SANT GAJANAN MAHARAJ
COLLEGE OF ENGINEERING,
SHEGAON, DIST- BULDANA, MAHARASHTRA-444203**
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MICROWIND



**EXTC Dept,
SSGMCE Shegaon**



**Registration Fees:
Rs. 300/-**



**To Register :
<https://bit.ly/3u4jTuj>**



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extcworkshops.ssgmce@gmail.com

Workshop Contents

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- Layout of CMOS inverter
- Logic Gates - Layout and Design
- Digital Circuit Design using CMOS logic (Combinational Circuit)

Mr. S. P. Badar
Resource Person &
Workshop Coordinator

Dr. M. N. Tibdewal
HoD, E & TC Dept.,
SSGMCE, Shegaon

Dr. S. B. Somani
Principal
SSGMCE, Shegaon

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

Two Days Hands-on Workshop on
CMOS Digital Circuit Design
3rd - 4th December 2022

Workshop Summary Report

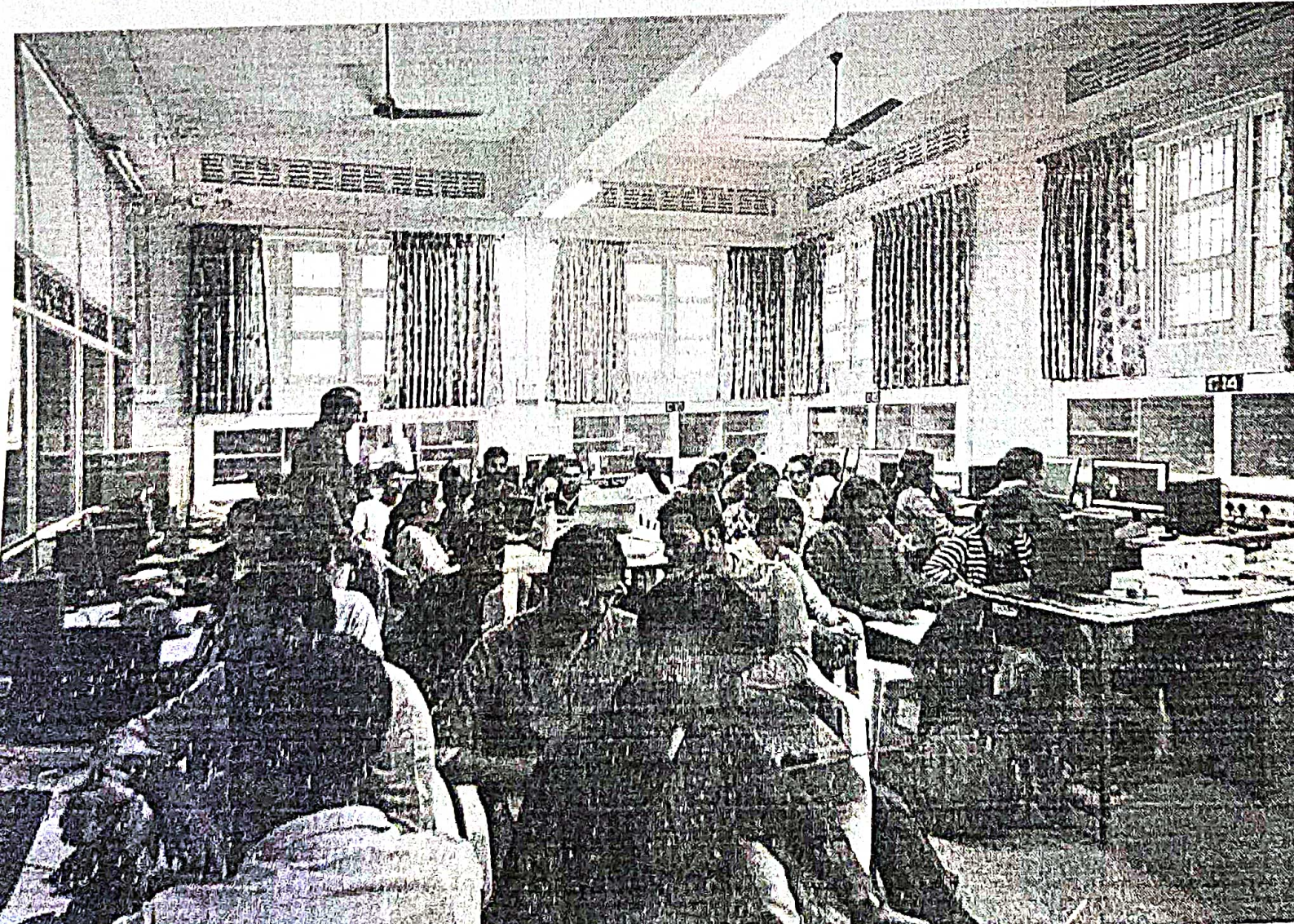
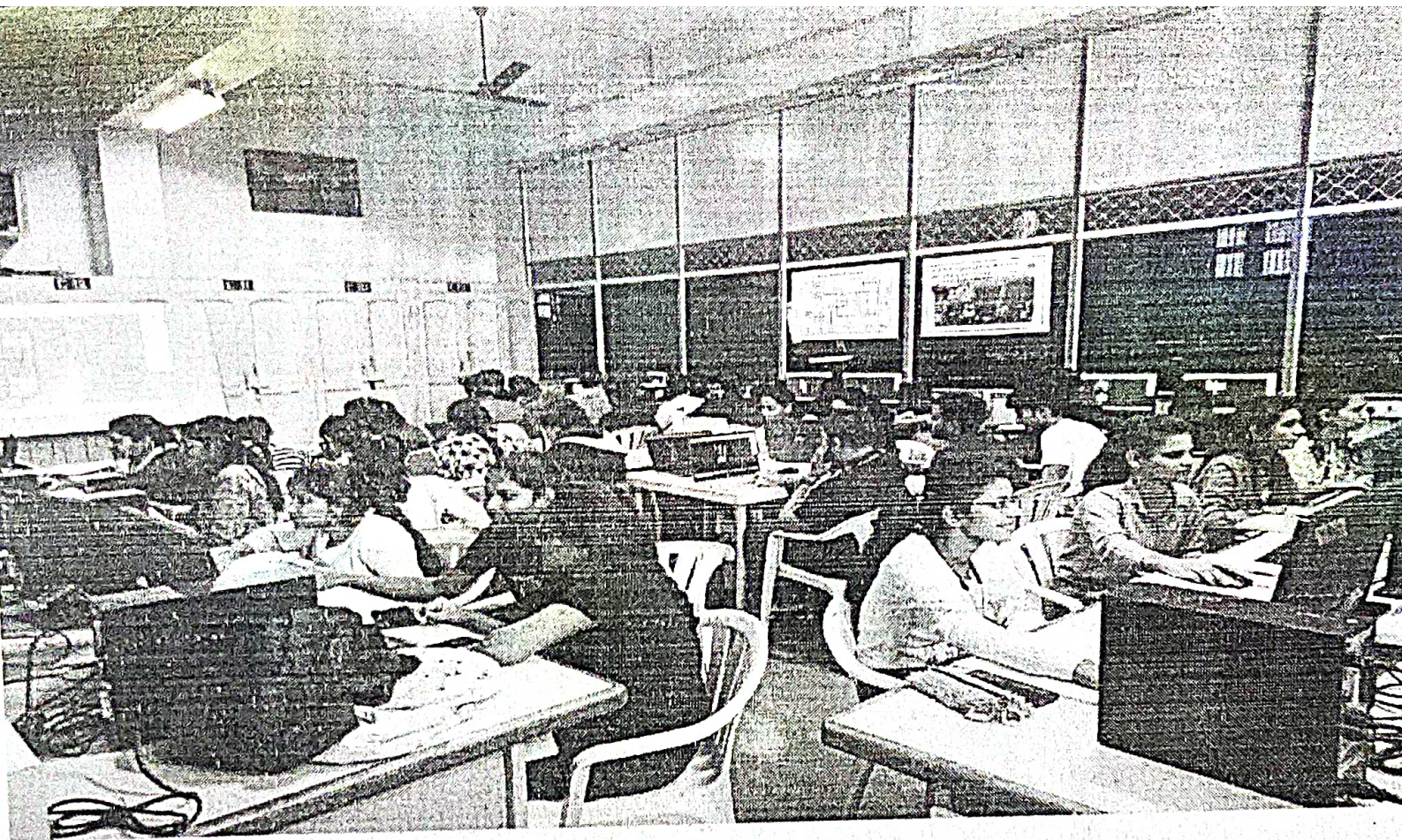
The Department of Electronics and Telecommunication Engineering at Shri Sant Gajanan Maharaj College of Engineering, Shegaon, organized a Two Days Hands-on Workshop on CMOS Digital Circuit Design. The workshop was held on 3rd - 4th December 2022 and was attended by a total of 32 participants from the institute.

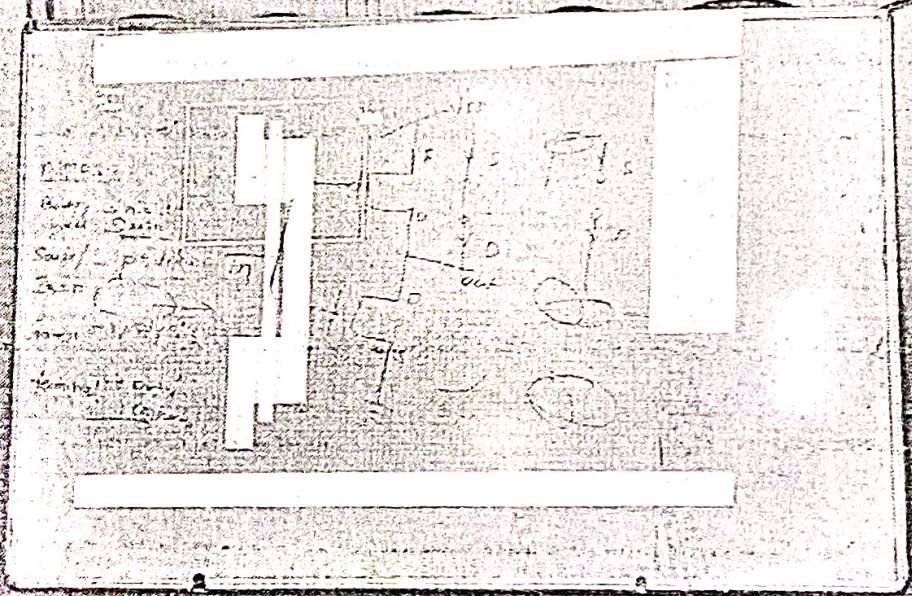
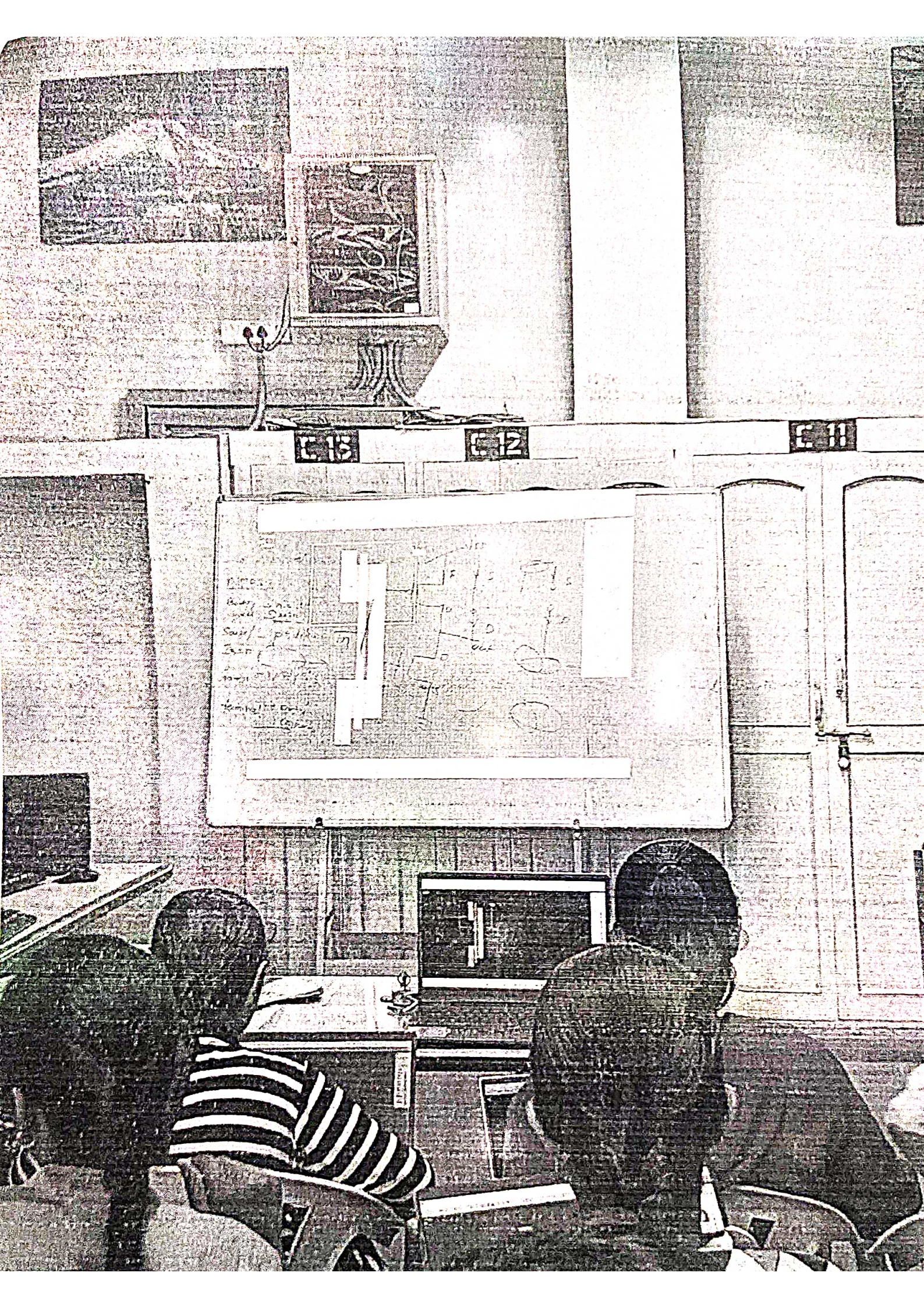
The main objective of the workshop was to provide participants with a comprehensive understanding of CMOS design and its implementation using Microwind tools. The workshop was conducted by Mr. S. P. Badar, faculty, E & TC Dept., who provided theoretical as well as hands-on training on various aspects of the topic.

The workshop commenced with an introduction to CMOS technology and its applications. This was followed by a detailed discussion on MOSFET characteristics, basic digital circuits, and logic gates. Participants were then introduced to Microwind, widely-used software for designing and simulating CMOS circuits. In the subsequent sessions, participants were guided on the use of Cadence Virtuoso for designing various digital circuits, such as inverters, NAND gates, and other combinational logic design. They were also given hands-on training on designing layouts, simulating circuits, and analysing the results.

The feedback from the participants was overwhelmingly positive, with many expressing their appreciation for the practical knowledge gained during the workshop. The workshop was also praised for the organization and arrangements made by the Department of Electronics and Telecommunication Engineering.

In conclusion, the Two Days Hands-on Workshop on CMOS Digital Circuit Design using Microwind was a great success in providing participants with a solid understanding of CMOS design and its implementation using Microwind tools. It is hoped that such workshops will be organized in the future to provide participants with the opportunity to gain practical knowledge in their respective fields.





To,
The Principal,
SSBVMCE, Shegaon

Date: 22/02/2022

Subject: Permission to conduct a three days' hands-on workshop on "Verilog Hardware Description Language"

Respected Sir,

Electronics & Telecommunication Department wish to organize a three days' hands-on workshop on "Verilog Hardware Description Language" for EXTC students during 25th - 27th February 2022 (1st Batch) and 4th - 6th March (2nd Batch).

We hope this workshop will help students to get basic knowledge of VLSI design & simulation of Circuits on Xilinx software.

The detail about training course is as follows:

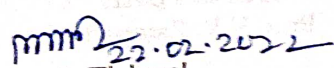
Workshop Name	Fees	Dates	Targeted Students	Resource Person
"Verilog Hardware Description Language"	Rs 600/- per student	25 th - 27 th February 2022 (1 st Batch)	All EXTC students	S. P. Badar
		4 th - 6 th March (2 nd Batch)		

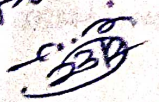
We request you to permit us for the conduction of this workshop.

Thanking you,

Yours Faithfully,


S. P. Badar
Workshop Coordinator


Dr. M. N. Tibdewal
Head, EXTC Department

MOD (EXTC)
Permitted on per PR




A

Report

on

Idea Generation Programm through Creative Jugad

By

Mr. Ritik Kuntwar, IEI Student Co-Ordinator

Academic Year 2021-22

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



Flyer

SHRI GAJANAN SHIKSHAN SANSTHA'S
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON - 444203 DIST. BULDHANA (M.S.) INDIA.**
Recognized by A.I.C.T.E, approved by D.T.E. M.S, Re-accredited by NAAC
Courses accredited by NBA



Presenting A

CREATIVE JUGAD

Entry Fees
50 Rs

Crear your On Idea... & Awared with
Funding for your Project

Certification
on
Completion



**24th, 25th &
26th March**

Register At :
<https://bit.ly/pursuit22>

For queries contact :
Sahil Darlawar - 9284358739
Nikita Tikar - 7666827270
Pursuit website :
<http://www.ssgmce.ac.in/pursuit2022>

Glimpses of Activities



Panel of Judges Date 26-03-2022


N. G. More & K. V. Chandan
Faculty Advisor



A

Report

on

Hands on Workshop IoT & Robotics using Arduino

By

Ms. Arundhati Jadhav and Aditi Kharade

(Innovation Hub, Mukangan, Pune)

Academic Year 2021-22

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



Flyer



SHRI SANT GAJANAN MAHARAJ COLLEGE
OF ENGINEERING, SHEGAON - 444203.
IEI MECH STUDENTS CHAPTER PRESENTS



One week hands on workshop, IOT AND ROBOTICS USING ARDUINO



MS. ARUNDHATI JADHAV
Innovation Hub In-charge at Muktangan
Exploratory Science Center, Pune.



MS. ADITI KHARADE
Innovation Hub Associate at Muktangan
Exploratory Science Center, Pune.

- **Registration Fees :-**
For IEI members 300 Rs per person &
Non-IEI members 400 Rs per person.
- **Date :- Nov, 29th to Dec, 4th**
- **Contact Here :-**
Sakshi Mokashi - 8208041205
Varad Deshmukh - 7666490206

REGISTER NOW!

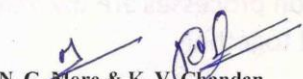
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Glimpses of activities



students during the workshop : date 04-12-2021


N. G. More & K. V. Chandan
Faculty Advisor



A

Report

on

Workshop on designing with Autocad

By

Mr. Ritik Kuntwar, IEI Student Co-Ordinator

Academic Year 2021-22

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



Flyer



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Courses accredited by NBA



INTRODUCTION TO DESIGNING WITH AUTOCAD

Duration
9 hrs

Entry Fees
50 Rs

Workshop Content :

- Introduction to Autocad
- 2D drafting and annotation
- 3D modeling
- Assembly



AUTOCAD



Certification
on
Completion



**24th, 25th &
26th March**

Register At :
<https://bit.ly/pursuit22>

For queries contact :
Sahil Darlawar - 9284358739
Nikita Tikar - 7666827270
Pursuit website :
<http://www.ssgmce.ac.in/pursuit2022>

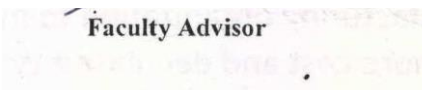
Glimpses of Activities



Autocad workshop Date 24 to 26 March 2022




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.


Faculty Advisor