



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

Academic year 2019-20

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	A talk on "Future Prospects in Engineering " By Mr Sachin Satpute	Soft Skill	Click Here
2	Introduction to corporate & social etiquette/manners, by Prof S.V.Bhagat	Soft Skill	Click Here
3	Japanese Language Course by ,Mr. Nilkanth Wankhade, Foreign Language Trainer, Surani Academy,Akola	Language and Communication Skills	Click Here
4	Ultimate Spoken English Classes,Mr. Abdus Salaam Chau,	Language and Communication Skills	Click Here
5	Presentation on awareness of Yoga and its health benefits followed by some routine yogic exercises. Dr.R.M.Kharate/ Mrs. S.S.Gachake	Life Skills	Click Here
6	Motivational Lecture By Mr. Anup Agrawal	Life Skills	Click Here




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



A

Report

on

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

Academic Year 2019-20

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





Mr. Satpute interacting with students date 10-08-2019

Prof. Harshali S. Patil
Program Coordinator

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



A

Report

on

“Introduction to corporate & social etiquette/manners“

Academic Year 2019-20

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





Prof. Bhagat interacting with students date 07-08-2019

Prof. Harshali S. Patil
Program Coordinator

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



A

Report

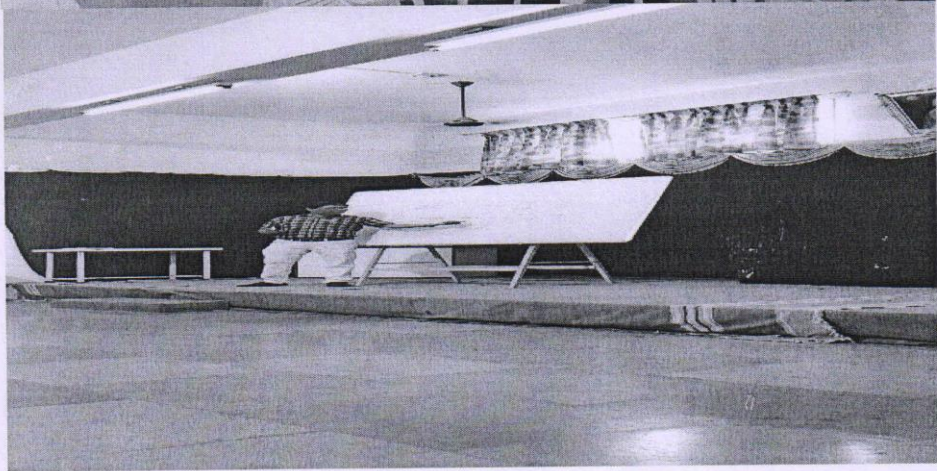
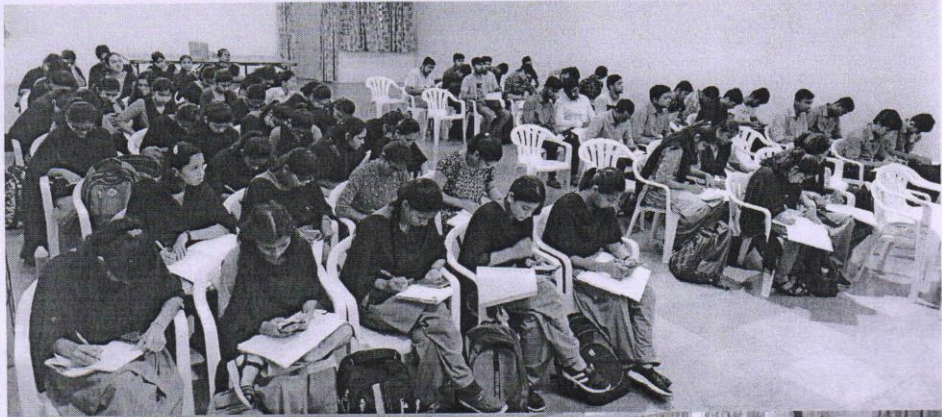
on

“Japanese Language Course “

Academic Year 2019-20

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





SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
SPOKEN ENGLISH WORKSHOP SESSION: AUT. 2019-20
REPORT

Topic: Ultimate Spoken English Workshop

- **Date:** 20 Aug to 20 September 2019 (Session Aut.2019-2020)
- **Time:** 1st batch:9:00am -10:30 am
- **Venue:** Swadhyay Kaksh, 1st floor, Sports Complex, SSGMCE.

Resource Person with contact details: Mr. Abdus Salaam Chaus,Chaus Publication Ltd.,Pune

Number of Participants: Approx. 150

Mode: Offline

Objectives:

- To improve participants' speaking and communication skills in the English language
- To empower participants to communicate effectively in English in their personal and professional lives.

Highlights of Guest Lecture:

- Emphasised mainly on practical application of English in everyday situations, such as making phone calls, ordering at a restaurant, or job-related communication.
- Included activities and exercises to improve participants' listening skills, enabling them to better understand spoken English, including different accents.
- Feedback and Correction: Regular feedback sessions were organized where participants received constructive criticism and correction to improve their speaking and pronunciation.
- The workshop had a well-structured curriculum that covered various aspects of spoken English, such as pronunciation, vocabulary, grammar, and real-life communication scenarios.

Outcomes:

- Participants demonstrated the ability to engage in conversations, discussions, debates, and role-plays with greater ease and effectiveness.
- Participants demonstrated improved listening skills, and a better understanding of spoken English, even in various accents and contexts.
- Participants demonstrated an increased ability to speak English more fluently and with greater ease.

Feedback Analysis: The students enjoyed the session and gained valuable insights.

Photograph:



Speaker guiding participants

Submitted by: Prof. H.S.Patil

Name and Signature of the Coordinator: Prof. H.S.Patil

Date of Submission: 29/09/2019



A

Report

on

“Awareness of Yoga and its Health Benefits “

Academic Year 2019-20

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





Participants performing yoga



A
Report
on
“Motivational Lecture”
By
Mr. Anup Agrawal
Student Orientation and Induction Program
Academic Year 2019-20





Mr. Agrawal addressing students



Shri Gajanan Shikshan Sanstha's
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Academic year 2019-20

Sr. No.	Name of the capacity development and skills enhancement program	Type of Initiative	Evidences
1	Two Days workshop on "Android Studio" for B.E. 2 nd year Engineering students, by Mr. Mithilesh Joshi and Ku. Amruta Kadu (3rd year Electrical students).	Awareness of trends in technology	Click Here
2	One dayworkshop on "Breadboard and Electronic Components and its testing" for B.E. 1 st year students, by Mr.Abhinay Thakre, Ku.Ankita Sontakke & Ku. Roshni Palwe (3rd year Electrical Engg. students)	Awareness of trends in technology	Click Here
3	"Roboignitors", workshop on Robotics	Awareness of trends in technology	Click Here
4	Workshop on Electroethix	Awareness of trends in technology	Click Here
5	Guest Lecture on AI Applications By sanjay Mishra	Awareness of trends in technology	Click Here
6	ROBOVISION "Robotics using Arduino"	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 Electrical Engineering

EESA NOTICE

Date : 01/08/2019

Workshop on "Android Studio"

All the 2nd and 3rd year Engineering students are hereby informed that EESA is going to organise two days workshop on "Android Studio" from 03rd August to 04th August, 2019.

The workshop will be focused on various types of android apps and basic blocks of android applications.

Name of students Co-ordinators :

Ku. Amruta Kadu-7057962557

Abhinay Thakare- 8605244230

Time: 03rd August - 01:00 pm to 05:00 pm

04th August - 08:00 am to 06:00 pm

Venue: A2 Class Room (Electrical Engg Department)

Conducted by: Ku. Amruta Kadu-7057962557 (3S student EE)

Mithilesh Joshi -9422842528 (3S student EE)

A.V. Thakare
Chairperson

(EESA)

P.R. Dhabe
Faculty Advisor

(EESA)

R.K. Mankar

1/8/19
Dept. of Electrical Engineering
B. S. G. M. College of Engg.
SHEGAON - 442003



**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON, DIST:BULDHANA (M.S.)**

Department of Electrical Engineering

Workshop on "Android Studio " is done on 3rd and 4th Aug 2019.

Delivered by Mr. Mithilesh Joshi (Student of 3rd year Electrical Engineering)

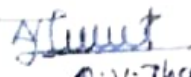
The workshop really motivated the students to create their own offline application by using Java language. It will really improve their skills to work effectively in industry and to get ready for their upcoming future.

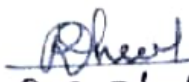
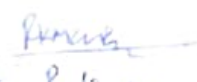


Glimpses of Workshop on "Android Studio"

Prepared by—

Vishal Agarkar (3S Student, EE)
Bhagyashri Bawaskar (3S Student, EE)
Amruta Kadu (3s Student, EE)
Pratiksha Kapade(3S Student, EE)


A.V. Thakare
Chairperson
(EESA)

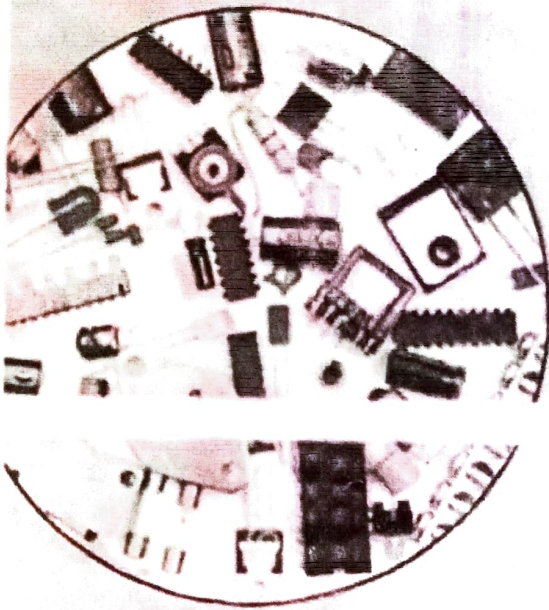

P. R. Dhabe

R. K. Manekar
Faculty Advisor
(EESA)



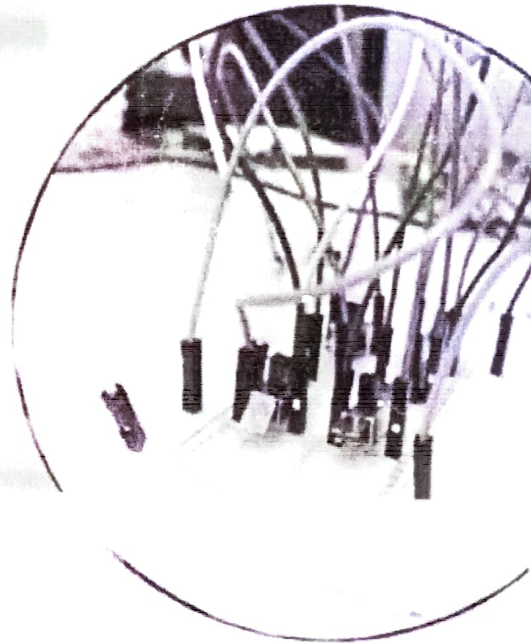
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING

SHEGAON, MAHARASHTRA

Electrical Engineering Student's Association (EESA)
Present's



BREADBOARD AND ELECTRONIC COMPONENTS TESTING WORKSHOP



course content-

- Breadboard handling
- Colour code of resistance
- Electronic components testing
- Projects based on all theory

CONDUCTED BY-

MR. ABHINAY THAKARE (3S)
KU.ROSHNI PALVE(3S)
KU.ANKITA SONTAKE(3S)

DATE- 29 SEPT 2K19

VENUE-A2 CLASSROOM (EE DEPT)

FEES - 100/-

CONTACT US-

ABHINAY THAKARE- 8605244230
TANVI SHELOKAR -9373248810

S.S.G.M.C.E.,Shegaon.
Electrical Engineering Department

Report on workshop on
“ Breadboard and electronic component and its testing”

Date: 30 /09/2019

Submitted:

To,
The Principal
S.S.G.M.C.E.,Shegaon.

Name of the Resourse Person : Mr. Abhinay Thakare (3rd year EE student)
Ms. Roshni Palve (3rd year EE student)
Ms. Ankita Sontake (3rd year EE student)

Workshop Duration : 29th September 2019

Time: 09 am to 6 pm on 29-sept-2019

Venue: Electrical Engineering Department, A2 Class Room

Target Group : First Year Engineering Students.

Program Outcomes attained through this Workshop: PO-1, PO-9, PO-10, PO-11, PO-12

Resourse Person has focused on following issues:

To make students aware of Basic electrical engineering, introduction to All components, breadboard handling, electronic component testing, colour code of resistor ,projects on breadboard and multisim software.

Session was concluded with vote of thanks.



Dr. S.R. Paraskar
Head

Electrical Engineering Department



**SHRI SANT GAJANAN MAHARAJ COLLEGE OF
ENGINEERING, SHEGAON, DIST:BULDHANA (M.S.)**



Department of Electrical Engineering

EESA

Date:-29 Sept 2019

Breadboard and electronic component and its testing
Workshop

1-days Workshop on **Breadboard and electronic component and its testing** was conducted on 29 Sept 2019. The workshop covered detailed study of all kinds of electronic components And Breadboard Connection. Students from all Branches of 1st Year Engineering enthusiastically attended the workshop.



Glimpses of workshop on "Breadboard and electronic component and its testing"

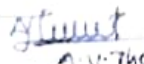
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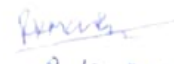
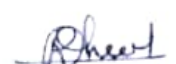
Mr. Vishal Agarkar (3S Student)

Ku. Pratiksha Kapade (3S Student)

Ku. Bhagyashri Bawaskar (3S Student)

Ku. Amruta Kadu (3S Student)


A. V. Thakare
Abhinay Thakare
Chairperson
(EESA)


R. K. Mankar

P. R. Dhabe
Prof. R. K. Mankar & Prof. P. R. Dhabe
Faculty Advisor
(EESA)

Activity Report 2019-20
Shri Sant Gajanan Maharaj College Of Engineering, Shegaon
Department Of Electronics And Telecommunication Engineering

Name Of Event: - Roboignitors

Date Of Event: - 25 – 26 January 2019

Location Of Event: - EXTC Department

Number Of People Attending: - 67

Conducting Committee: - Electronics Student And Staff Association (ESSA)

Objective Of The Program: -

1. To provide participants with a basic understanding of robotics, including principles, components, and applications.
2. To offer participants the opportunity to engage in hands-on activities involving building, programming, and operating robotic systems, particularly those related to ignitors or initiators.
3. To develop participants' skills in robotics, programming, electronics, and mechanical engineering through practical exercises and projects.

Outcomes Of The Program: -

1. Participants should gain a comprehensive understanding of robotic systems, including their components, functionalities, and applications.
2. Participants should acquire proficiency in programming languages commonly used in robotics, such as Python, C++, or Arduino, depending on the workshop's focus.
3. Participants should gain practical experience in building, programming, and operating robotic systems, particularly those involving ignitors or initiators.
4. Participants should complete one or more projects during the workshop, demonstrating their ability to apply the concepts and skills learned.

Details Of Event: The event took place on 25 – 26 January 2019 in Electronics and Telecommunication department of Shri Sant Gajanan Maharaj College Of Engineering, Shegaon. The program was open to students of all branches. Self made kits were provided to all participants so that they can design their own self wired Robots. Bot assemble and remote assembly session were scheduled on first and second day of workshop respectively. Testing of each robot prepared by the participants was done on second day. Finally the workshop concluded with feedback session followed by valedictory.



Mr. V. N. Bhonge
Faculty Advisor
ESSA



SHRI SANJAY GAJANAN MAHARAJ COLLEGE OF
ENGINEERING - SHEGAON, BULDHANA

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

PRESENTS

ROBOIGNITORS

GET THE GREEN LIGHT

VENUE :- C DEPARTMENT

for all B.E. Students

DATE :- JANUARY 25 & 26, 2019

TIME :- 2 PM ONWARDS

FEES : 1600 /-

Max no. of members 4 in each group

Course Contents :

1. Introduction to motors, motor drives
2. Introduction to RF module communication
3. Remote assembly
4. Robot assembly
5. Kits will be provided

CONTACTS:

Abhishek Dongare: 7776909491

Kirti Untwal: 8308434297



Competition With Exciting Prizes



Shri Sant Gajanan Maharaj College of Engineering, Shegaon



Electronics Student & Staff Association

(ESSA)

ELECTRO-ETHIX

Date: 10th Oct 2019

An Excellent Electroethix Workshop was conducted by Electronics Students and Staff Association(ESSA) of SSGMCE under the guidance of Prof. V N Bhonge and Dr. D P Tulaskar. It was conducted on 4/10/19 and 5/10/19.

Basically it includes Introduction to photoshop and multisim , details as described in attached documents. The Trainers for this workshop are given below according to the topics covered.

Class	Name of Trainer	Topics Covered
2U2	Ritanshu Khatke	Photoshop(PPT)
3U1	Shreyash Pole	Photoshop(Practical)
3U1	Rushikesh Balapure	Multisim (PPT)
3U2	Mohit Vyas	Multisim(Practical)

Prof. V. N. Bhonge &
Prof. D. P. Tulaskar
(Faculty Advisor)

Dr. G. S. Gawande
(H.O.D, EXTC dept.)



Electronics Student & Staff Association (ESSA)

Activity Report 2019-20

4-5 Oct 2019

ELCTROETHIX

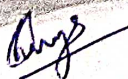
An excellent Electroethix workshop was conducted by Electronics Students and Staff Association (ESSA) of SSGMCE under the guidance of prof. V.N .Bhonge and Prof. D.P Tulaskar . It was conducted on 4/10/19 and 5/10/19 .

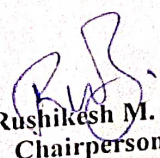
Basically, it includes introduction to photoshop and multisim . Photoshop is a Adobe photo editing , image creation and graphic design software . Introduction was given to students using basic tools with applications of photoshop . Multisim has the benefits of simulation , circuit testing etc. Photoshop has the benefit of logo designing , certificate making etc which is used in professional as a social life.

After this , session of multisim was taken. It is an electronic schematic capture and simulation program which is a part of suite of circuit design program . Important feature of multisim were covered along with its drawbacks. This session was ended with blinking LED with IC555 .

Attraction of workshop was a competition. It was held to maintain interest of participants. Along with it certificate of excellence was provided at the end of workshop.

This workshop gives excellent knowledge of photoshop and multisim to all participants. At the end, the workshop was concluded with distribution of certificates.


Prof. V. N. Bhonge/ Prof. D. P. Tulaskar
(Faculty Advisors)


Mr. Rushikesh M. Balapure
Chairperson

Shri Sant Gajanan Maharaj College of Engineering, Shegaon

Department of Electronics and Telecommunication Engineering

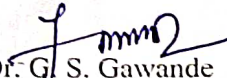
ESSA

Date: 1 October 2019

A two days workshop "ELECTRO – ETHIX" is arranged in our department on 4 and 5 October 2019. Workshop will be conducted by Ritanshu Khatke, Shreyas Pole, Rushikesh Balapure and Mohit Vyas. Interested students can register their names to the Mohit Vyas. Workshop content : Photoshop and Multisim.



Prof. V. N. Bhonge
Faculty Advisor



Dr. G. S. Gawande
Head of Department

Activity Report 2019-20
Shri Sant Gajanan Maharaj College Of Engineering, Shegaon
Department Of Electronics And Telecommunication Engineering

Name Of Event: - "Guest Lecture on AI Applications"

Date Of Event: - 11 July 2019

Location Of Event: - EXTC Department

Number Of People Attending: - 59

Conducting Committee: - Electronics Student And Staff Association (ESSA)

Objective Of The Program: -

1. The primary objective of an expert talk on AI applications is to disseminate knowledge about the various practical applications of artificial intelligence across different industries and domains.
2. To raise awareness among the audience about the transformative potential of AI technologies and how they are being integrated into real-world scenarios to solve complex problems.
3. To educate the audience about the fundamental concepts, methodologies, and techniques used in AI applications, enabling them to better understand how AI works and its potential implications.

Outcomes Of The Program: -

1. Participants should leave the expert talk with a heightened awareness of the diverse applications of AI across various sectors, including healthcare, finance, manufacturing, transportation, and more.
2. Attendees should gain a deeper understanding of the underlying principles, techniques, and methodologies employed in AI applications, enabling them to grasp the complexities involved in developing and deploying AI solutions.
3. Participants should acquire practical insights into how AI technologies are being implemented in real-world scenarios, including case studies, best practices, and lessons learned from successful AI projects.
4. The expert talk should stimulate interest and curiosity among attendees, encouraging them to further explore AI-related topics through self-study, research, or additional training.

Details Of Event: The event took place on 11 July 2019 in Electronics and Telecommunication department of Shri Sant Gajanan Maharaj College Of Engineering, Shegaon. The Expert talk was delivered by Mr. Sanjay Mishra, VP , Tech Mahindra, Chicago. The program initiated with introduction and felicitation of guest by faculty advisor. After that expert guset delivered a highly informative talk presenting various insights of AI. The program was concluded with question answer session and vote of thanks.



Mr. V. N. Bhonge
Faculty Advisor
ESSA



Speaker interacting with students

Date: 25/01/2020

To,
The Principal,
SSGMCE, Shegaon.

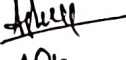

Through: Branch Counsellor, IEEE Student's branch.

Subject: Proposal for conduction of Robotics using Arduino Workshop.

Respected Sir,

We undersigned are willing to organise a workshop on "Robotics using Arduino" for the students of our institute under the title of IEEE student's Branch. We hope that this workshop will enhance the skills of our college students.

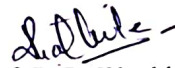
Workshop Name	Fees	Date	Targeted Students
Robotics using Arduino	Rs 500/- Per student (Takeaway kits will be provided per group)	8 th Feb, 2020 (8 am to 6pm) and 09 th Feb, 2020 (8am to 10am - 6pm to 8pm) -	Robotics and IOT interested students.

Students Coordinator: - Ashutosh Bhelonde (2u1) 
Vedant Khandokar (2u1) 


We kindly request you to permit us to conduct the above stated workshop.

Thanking You.

Yours Sincerely,


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

forwarded to
Hon. principal sir
for sanction please
EL.

Permitted as per RR




SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON

Robovision 2020

Event Title: Robovision 2020

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

Organizing Institute: Students Activities Committee, IEEE Bombay Section

Workshop Facilitators: IEEE team, SSGMCE.

Number of Participants: 42 participants

Workshop Objectives: 1. To provide the opportunity to the students to showcase their creative ideas.
To enhance the robot application skills of the participants.

Event Highlights: IEEE Students' Branch has hosted "Robovision" - a two days workshop organized by Student Activities Committee, IEEE Bombay Section on 8th and 9th Feb 2022. Robovision 2020 was a two days workshop aimed at undergraduate students and teams. The sessions were conducted by Team of IEEE students' branch. There were total 42 participants from first year and second year benefitted through this workshop. The participants are able understand basics of robotics, robot components, embedded C programming and robot application development. The workshop was held in the presence of chair person of IEEE students' branch and branch advisor Mr. Pravin Wankhede sir.

Outcomes: 1. The participants gained confidence to present their creative ideas.

The process boosted the confidence of the participants in robot application

Participants get all basic ideas of robot application

Feedback Analysis: The student participants showed their interest and active participation in two days workshop and appreciated the management to hold such an amazing event.

Impact Analysis:

Robovision workshop boosted STEM interest, with participants demonstrating improved problem-solving skills and tech proficiency.

Attendees gained hands-on experience essential for future careers in robotics and automation.



Prof. P. R. Wankhede

Branch Counselor,

IEEE Students' Branch



Robovision 2020 participant and faculty