



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (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

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

Academic Year: 2019-20

Sr. No.	Name of the workshop/ seminar/ conference	Number of Participants	Evidences
1	Orientation Program in Entrepreneurship Development by Rohini Mulay, Consultant, from Kothrud, Pune ,Shri Vinod Paratkar Director, IABA, Pune	203	Click Here
2	One day workshop on "Transformer Fundamentals & its Testing Methods" 30th July, 2019 by Mr. Sunil Sarde (Retd. Ex. Engineer, MahaDiscom), Nagpur.	60	Click Here
3	Guest lecture on Project Management " deliver by Mr. Madhukar Jadhav, Chief Executive Officer, Jadhav Switchgear Services, Nashik.(M.S.)	50	Click Here
4	Guest lecture on Project & Resource Management " by Mr. Kailash Patil, Service Head, Aurangabad and Mr. Prakash Zodge, DGM, Trinity Mahalasa Durga Sales & Services, Aurangabad	36	Click Here
5	Hands on workshop on Introduction on casting by Er. Vijay Kumar Bhambri Industrial Expert, Nagpur	49	Click Here
6	Work shop on Human resource management and materials management by Mr. Anand Manjarkhede Director NCS Pvt Ltd Nagpur	55	Click Here
7	Workshop on basics of gas turbine by Dr. B N Jajoo Ex. Principal GCOE Aurangabad.	58	Click Here
8	Seminar on Product Development Mr. Kamlesh Pande Ex VP, Mahindra & Mah and Ex Prof, IIT Pawai	76	Click Here
9	Workshop on fundametals of theory of machines by Dr. Mohan Godse, Consultant U2I Innovations Pune	56	Click Here



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10	Seminar on Entrepreneurship development by Mr. Parikshit Jain ,Director (Arona Trading LLC, UAE)	42	Click Here
11	Seminar on FEA Using ANSYS APDL by Mr. Shrirang Ghdyalji Director Predictive Engineering Solutions, Pune	80	Click Here
12	Two days workshop on "Research methodology"	39	Click Here
13	International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET)	56	Click Here




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



END OF POINT





A

Report

on

Orientation Program in Entrepreneurship Development

By

Shri Vinod Paratkar Director, IABA, Pune

Academic Year 2019-20

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



Sr No	Title of Activity	Orientation Program in Entrepreneurship Development
1	Speaker	Shri Vinod Paratkar Director, IABA, Pune
2	Co-Ordinator	Shri M.R. Ekade, Advisor, ED Cell, SGIARC ,
3	Schedule of Activity	20-9-2019 To 22-9-2019 Branch Third Year ELPO and IT , 31-01-2020 To 02-02-2020EXTC, 06-03-2020 To 08-03-2020 Total participants =203
6	Objective of Activity	<ol style="list-style-type: none"> 1. To Create awareness amongst 3rd year Engineering students about following:- 2. To create entrepreneurial culture in SSGMCE. 3. To respond effectively Students of SSGMCE for the emerging challenges and opportunities both at national and international level relating to SMEs and Micro Enterprises. 4. To inspire an entrepreneurial spirit among students and educate them about entrepreneurship as an alternate carrier option. 5. To educate students with entrepreneurially bent mind on the essentials of starting business. 6. Journey from Idea generation to product.
7	Venue	Seminar Hall, SGIARC SSGMCE Shegaon
8	No. of Beneficiaries	Total-203
9	Syllabus/Topics	Orientation Program in Entrepreneurship Development- Journey from Idea generation to product

Program Details:

The Orientation Program in Entrepreneurship Development, titled "Journey from Idea Generation to Product," aimed to equip aspiring entrepreneurs with the essential knowledge and skills to transform their innovative ideas into successful products.

The program's objectives included fostering creativity in idea generation, formulating robust business models, conducting effective market research, developing prototypes, honing pitching skills, and understanding legal and regulatory compliance. Participants expressed gratitude for the gained knowledge and suggested more interactive elements for future programs. The program successfully equipped participants with the confidence and competence required to embark on their entrepreneurial endeavors.

Learning Outcomes:

1. Participants gained a deeper understanding of entrepreneurship concepts, from idea conception to market entry.
2. Enhanced skills in business model development, market research, and prototype creation
3. Improved pitching skills, enabling participants to communicate their ideas confidently
4. Increased awareness of legal and regulatory aspects crucial for entrepreneurial ventures

Some of Glimpse of Programme:



Rohini Mulay, Consultant, from Kothrud, Pune conducting Communication skill Role play Exercise for effective Entrepreneurship On dias sitting M.R.Ekade Advisor ED Cell. & Shri Duttatraya Mulay follows direction of Rohini Mulay



Shri Rakesh Raut Branch Manager State Bank of India Branch, Shegaon giving talk on Finances from State Bank of India for MSME. Sitting on Dias M.R.Ekade, Advisor, ED Cell, Rohini Mulay Consultant, Pune & Shri Duttatraya Mulay, Ex Sr. Project Officer, MCED, Aurangabad

Date: - 13/03//2020

**Details of Entrepreneurship Development Cell Activity during year
2019-20**

Sr No	Name of Camp	From	To	Target Group	No of Students		No of Faculty	
					Register	Attended	External	Internal
1	EAC	20/09/2019	22/09/2019	ELPO & IT	97	71	8	1
2	EAC	31/01/2020	02/02/2020	EXTC	96	69	8	1
3	EAC	06/03/2020	08/03/2020	CSE &MECH	85	60	8	1
Total					278	200	24	3

In addition to above training program me following activities are done

- 1) Renewal of ISBA Membership & attended ISBA Conference at Kochi
- 2) Promotional Work of inviting Industries from Madgaon- Goa
- 3) Follow up with Incubation of projects with students.
- 4) Preparation of Proposal for Entrepreneurship Awareness Camps 2020-21 for EDII
- 5) Preparation of Proposal & Follow up for NIDHI PRAYAS, DST, New Delhi
- 6) Preparation of Proposal & Follow up for MSME Incubation Scheme
- 7) Co-ordination with KVIC, DIC, SIDBI, MGIRI, MCED, MITCON & BANKS
- 8) Co-ordination of students projects with local Industries.
- 9) Guest Lecturer for Entrepreneurship in MCED & MITCON
- 10) Accounts & Audit Report of ED Cell 2019-20

**Advisor, ED Cell
SSGMCE, Shegaon**



END OF POINT





Shri Sant Gajanan Maharaj College of Engineering, Shegaon .

EESA NOTICE

Date : 22/07/2019

One day workshop on Transformer Fundamental & its Testing Methods

All the Third Year & Final Year BE Electrical Engineering students are hereby informed that one day workshop on "Transformer Fundamental & its Testing Methods" will be organised by EESA.

The workshop will be focused on Fundamental of Transformer & its testing Methods .

Name of Student Co-ordinators :

Mr. Abhinav Thakare – 8605244230 (3S)

Ku. Tanvi Shelokar – 9373248810 (3S)

Duration of Workshop:


one Day (30/07/2019)

Time : Morning : 9.00 am to 12.00 noon & Afternoon : 2.00 pm to 5.00 pm

Conducted by : Mr. Sunil Sarde
Retired Executive Engineer (MAHA-DISCOM, Nagpur)

Venue : A2 Class Room (Electrical Engg Department)

Organised by : EESA Team



A.V. Thakare

Chairperson

(EESA)



Head

Dept. of Electrical Engineering
S. S. G. M. College of Engg.
SHEGAON-444203


R.K. Manekar

Faculty Advisor

(EESA)


P. R. Dhabe



**Shri Sant Gajanan Maharaj College of Engineering, Shegaon,
Dist: Buldhana (M.S.)**

Department: Electrical Engineering

Time: 09:00 AM - 12:00 Noon

Guest Lecture on: **Transformer Fundamentals & Testing**

Name of Speaker: **Mr. Sunil Saradey (Retd. Ex. Engg, MahaDisrom.)**

Session: 2019-20

Date: 30-07-2019

Organized by: FESA

Target Group: 3rd Year Electrical Engg Students

Program Objectives: **To create awareness among students about transformer fundamentals & testing**
Attendance - Forenoon Session

NAME	Sign	ROLL. No.	NAME	Sign
Ku. AMRUTA MURLIDHAR KADU	<i>A. mureddy</i>	20	Ku. ROSHANI SAMADHAN PALVE	<i>R. S. Palve</i>
Ku. ANJALI RAHESH KOHAR	<i>A. Kohar</i>	21	Ku. SHITAL NARSING SONONE	<i>Sonone</i>
Ku. ANKITA DATTAIRAY SONLAKKE	<i>A. Sonlakte</i>	22	Ku. SHRUTI YOGESHWAR DIWATE	<i>Diwate</i>
Ku. BHAGYASHRI PRADIP PAWASKAR	<i>B. Pawaskar</i>	23	Ku. SMITA SANJAY SHEGOKAR	<i>Shyok</i>
Ku. BHAVANA GAJANAN MATRE	<i>Ab</i>	24	Ku. TANVI MAHENDRA SHELOKAR	<i>Tanvi</i>
Ku. GAURI HARIDASJI GABHANE	<i>G. H. Gabhane</i>	25	Ku. TEJASWINI RAJESH SURJUSE	<i>Surjuse</i>
Ku. GAYATRI PADMAKAR GAWANDE	<i>G. Gawande</i>	26	Ku. VAISHNAVI GUNWANI MANKHAIR	<i>V. Mankhair</i>
Ku. SOMAL DWARKADAS CHANGAL	<i>S. Changanal</i>	27	Ku. VAISHNAVI RAMKRUSHNA SHEJOLE	<i>V. Shejole</i>
Ku. MAHESHWARI RAMDAS WAKODE	<i>M. Wakode</i>	28	Ku. VAISHNAVI SATISH PATHAK	<i>V. Pathak</i>
Ku. MAYA GOPILAL PANDIYAR	<i>M. Pandiyar</i>	29	Ku. VAISHWINI VIJAY KHDEKAR <i>Vaishnavi</i>	<i>V. Khdekar</i>
Ku. NEHA SANJAY GAWANDE	<i>N. Gawande</i>	30	ABHAY MADHAORAO DESHMUKH	<i>A. Deshmukh</i>
Ku. NIDHI HEMANT AGRAWAL	<i>N. Agrawal</i>	31	ABHINAV VINAYAK THAKARE	<i>A. Thakare</i>
Ku. NIKITA GAJANAN JENEKAR	<i>N. Jenekar</i>	32	AKASH KAILASH VINCHANKAR	<i>A. Vinchankar</i>
Ku. NISARGA GAJANAN RELE	<i>N. Rele</i>	33	AKHILESH PRAMOD DESHMUKH	<i>Ab</i>
Ku. PARINATI VII ASRAO DESHMUKH	<i>Ab</i>	34	ANAND DADARAO UMAK	<i>A. Umak</i>
Ku. PRAJAKTA RAJESH DUDHE	<i>P. Dudhe</i>	35	ANAND SATISH TOIFEWAR	<i>A. Toifewar</i>
Ku. PRANITA ANNA WANKHEDE	<i>P. Wankhede</i>	36	ANIKET PRAMOD THAKARE	<i>Ab</i>
Ku. PRATIKSHA PRADIP KAPADE	<i>P. Kapade</i>	37	ANIKET RAMDAS BODADE	<i>A. Bodade</i>
Ku. PUNAM KIRAN SUKODE	<i>P. Sukode</i>	38	ANIKET SANJAY DESHMUKH	<i>A. Deshmukh</i>

NAME	SIGN	ROLL NO.	NAME	SIGN
ANISHA VY GUPTA		62	PRAJWAL BALU RANGE	
ARIUN SHRIKRUSHNA DHAMODI	Ahamode.	63	PANIT SATISH GULHANE	
ASHWIN SANJAY SHELKE	Ab	64	PRASAD VINAY MUKKAWAR	
BAHIRAM RAMESH RATHOD		65	PRASENJEET BHASKAR BHARADI	
BHUVANI SHIVIKAS KULKARNI	Ab	66	PRINCE VITTHALRAO ZOD	Ab
CHIRAG SURI SHIMADANKAR		67	RITESH KAMALAKAR CHAVAN	Ab
DIPAK YASHWANT WANKHADE	Ab	68	RUSHABH RAJU TJARE	
GANESH RAMESH MORI		69	RUSHIKESH DNYANESHWAR KHANDERAO	
GOPAL SHARAD JADHAO		70	SANTOSH SANJAY DABERAO	Ab
HRIHUK OMPRAKASH SHARMA		71	SHIVAM DNYANDEO SABLE	
JAY SANTOSH WANKHADE	Jsu.	72	SHOEB FARUKH SHAH	Ab
KAPIL ASHOK AGHAO	Ab	73	SHRIKRUSHNA VITTHAL THAKARI	
KUNDAN BHAGWAN SHELKE		74	SOMESH MANOHAR DHARPAWAR	
MAHADI O KISHOR BABHULKAR		75	SUKRUT SURYAKANT DESHMUKH	
MAHESH ANIL DONGARKAR		76	SURAJ PRAKASH BARDIYA	
MAYUR AJABRAO APOLIKAR	Ab	77	SURAJ RAJU AVATAR	
MITHILESH SHARAD JOSHI		78	SWETAL HARENDRA ANDRASKAR	Ab
MOHAN GOVINDA KALASKAR		79	TUSHAR DNYANESHWAR HINGNE	
MOHIT SHASHIKANT SHELKE		80	VINAYAK VILASRAO GAWANDE	
NACHIKET SOMI SHWAR NIMJI		81	VISHAL GAJANAN PAIKAT	Ab
NIMISH NITIN NANDURKAR		82	VISHAL OMPRAKASH CHANDAK	Ab
PANKAJ MAGANSING DHIRBASSI		83	VISHAL SHAMRAO AGARKAR	
PAWAN SABULAL CHIMOTE				

A.V. Thakare.
Chairperson, (EESA)

Prof. R. K. Mankar

Prof. P. R. Dhabe

Faculty Advisor
(EESA)

Present: 67
Absent: 16



**Shri Sant Gajanan Maharaj College of Engineering, Shegaon,
Dist: Buldhana (M.S.)**

Department: Electrical Engineering
Time: 02:00 PM - 05:00 PM

Session: 2019-20
Date: 30-07-2019

Guest Lecture on: **Transformer Fundamentals & Testing**
Name of Speaker: **Mr. Sunil Saradey (Retd. Ex. Engg, MahaDisrom.)**

Organized by: EESA

Target Group: 3rd Year Electrical Engg Students

Program Objectives: **To create awareness among students about transformer fundamentals & testing**
Attendance - Afternoon session

ROLL No.	NAME	Sign	ROLL No.	NAME	Sign
1	Ku. AMRUTA MURLIDHAR KADU	A.m.kadu	20	Ku. ROSHANI SAMADHAN PALVE	Ab
2	Ku. ANJALI RAHESH KOHAR	Rohar	21	Ku. SHITAL NARSING SONONE	Ab
3	Ku. ANKITA DATTATRAY SONTAKKE	ASmt	22	Ku. SHRUTI YOGESHWAR DIWATE	Private
4	Ku. BHAGYASHRI PRADIP BAWASKAR	Bawaskar	23	Ku. SMITA SANJAY SHEGOKAR	Shegokar
5	Ku. BHAVANA GAJANAN MATRE	Bmatre	24	Ku. TANVI MAHENDRA SHELOKAR	Shelkar
6	Ku. GAURI HARIDASJI GABHANE	G.H. Gabhane	25	Ku. TEJASWINI RAJESH SURJUSE	Surjuse
7	Ku. GAYATRI PADMAKAR GAWANDE	Ggawande	26	Ku. VAISHNAVI GUNWANT MANKHAIR	Ab
8	Ku. KOMAL DWARKADAS CHANGAL	Kchanganal	27	Ku. VAISHNAVI RAMKRUSHNA SHEJOLE	Shejole
9	Ku. MAHESHWARI RAMDAS WAKODE	Mwakode	28	Ku. VAISHNAVI SATISH PATHAK	Ab
10	Ku. MAYA GOPILAL PANDIYAR	M.G. Pandiyar	29	Ku. VAISHNAVI VIJAY KHDEKAR	Vkhdekar
11	Ku. NEHA SANJAY GAWANDE	Ngawande	30	ABHAY MADHAORAO DESHMUKH	Abdeshmukh
12	Ku. NIDHIHEMANT AGRAWAL	NAgrawal	31	ABHINAV VINAYAK THAKARE	Thakare
13	Ku. NIKITA GAJANAN JENEKAR	Njekar	32	AKASH KAILASH VINCHANKAR	V.V.
14	Ku. NISARGA GAJANAN RELE	Nrele	33	AKHILESH PRAMOD DESHMUKH	Ab
15	Ku. PARINAT VILASRAO DESHMUKH	Ab	34	ANAND DADARAO UMAK	Umak
16	Ku. PRAJAKTA RAJESH DUDHE	Pdudhe	35	ANAND SATISH TOTEWAR	Atewar
17	Ku. PRANITA ANNA WANKHEDE	Pwankhede	36	ANIKET PRAMOD THAKARE	Ab
18	Ku. PRATIKSHA PRADIP KAPADE	Ab	37	ANIKET RAMDAS BODADE	Abirambade
19	Ku. PUNAM KIRAN SUKODE	PKokode	38	ANIKET SANJAY DESHMUKH	Abdeshmukh

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BIHU VANISH VIKAS KULKARNI	Ab	66	PRINCE VITTHALRAO ZOD	Ab
CHIRAG SURESH MADANKAR		67	RITESH KAMALAKAR CHAVAN	Ab
DIPAK YASHWANT WANKHADE	Ab	68	RUSHABH RAJU TIJARE	
GANESH RAMESH MORE	Ab	69	RUSHIKESH DNYANESHWAR KHANDERAO	
GOPAL SHARAD JADHAO		70	SANTOSH SANJAY DABERAO	Ab
HRIHUK OMPRAKASH SHARMA		71	SHIVAM DNYANDEO SABLE	
JAY SANTOSH WANKHADE		72	SHOEB FARUKH SHAH	Ab
KAPAIL ASHOK AGHIAO	Ab	73	SHRIKRUSHNA VITTHAL THAKAR	
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NIMISH NITIN NANDURKAR		82	VISHAL OMPRAKASH CHANDAK	Ab
PANKAJ MAGANSING DHIRBASSI	Ab	83	VISHAL SHAMRAO AGARKAR	
PAWAN SABULAL CHIMOTE				

A.V. Thakare

Chairperson, (EESA)

Prof. R. K. Mankar

Prof. P. R. Dhabe

Faculty Advisor
(EESA)

Present: 60
Absent: 23

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

Report on Workshop / Guest Lecture / Interaction for session 2019-20

Date: 31/07/2019

Submitted:

To,

The Principal

S.S.G.M.C.E., Shegaon.

Name of the Speaker: Mr. Sunil Sarde

Designation: Retired Executive Engineer (MAHA-DISCOM.Nagpur)

Workshop Date: 30/07/2019

Time: 9.00 am to 12.00 noon & Afternoon : 2.00 pm to 5.00 pm

Venue: Electrical Engineering Department, A2 Class Room

Target Group: Third Year & Final Year B.E. Electrical Engineering Students

Program Outcomes & Program Specific outcomes attained through this Workshop:

PO-1,PO-8,PO-12, PSO-1 & PSO-2.

Prof. U.A.Jawadekar Sir welcomed the guest and the speaker has covered following topics during workshop :

Fundamentals of Transformer,construction,types & vector group,Testing Methods of Transformer.

Session was concluded with vote of thanks.

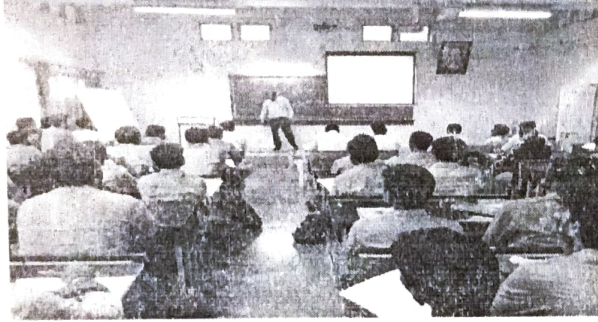
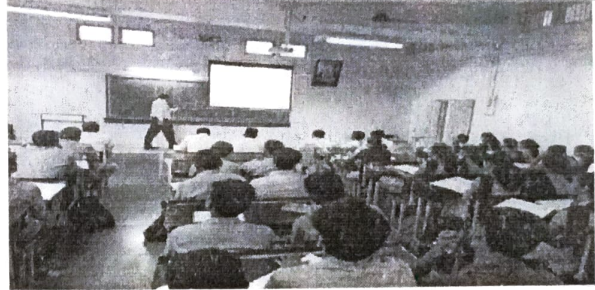

Dr. S.R. Patil

Head Of Electrical Engineering Department

One day workshop on Transformer Fundamental & its Testing Methods

delivered by Mr. Sunil Sarde [Retired Executive Engineer (MAHA-DISCOM, Nagpur)]

dated on 30th July 2019 for 3S & 4S Students conducted by EESA.



P. R. Dhabe
P. R. Dhabe.

R. K. Maukar
R. K. Maukar
Faculty Advisor
(EESA)

S. S.
Head

Dept. of Electrical Engineering
S. S. G. M. College of Engg.
SHEGAON-444203



END OF POINT





A

Report

on

“Project Management “

By

Mr. Madhukar Jadhav Chief
Executive Officer, Jadhav Switchgear Services, Nashik.

Academic Year 2019-20

Department of Electrical Engineering

Electrical Engineering Students Association (EESA)

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



Sr No	Title of Activity	Project Management for 2 nd & 3rd year student of BE
1	Speaker	Mr. Madhukar Jadhav, Chief Executive Officer, Jadhav Switchgear Services, Nashik.
2	Co-Ordinator	Mr. R.K.Mankar
3	Co-Cordinator	Mr. P.R.Dhabe
4	Schedule of Activity	09-02-2020
5	Time	4.30 pm to 6 pm
6	Objective of Activity	<ol style="list-style-type: none"> 1. To Provide a comprehensive overview of project management, defining key concepts, principles, and methodologies. . . 2.To Explain the various phases of a project life cycle, including initiation, planning, execution, monitoring and control, and closure. . 3. To Emphasize the crucial role of communication in project management, including stakeholder communication, team collaboration, and reporting. .
7	Venue	A2 Classroom Electrical Engineering Department, SSGMCE Shegaon
8	No. of Beneficiaries	Total- 50
9	Pos addressed	PO-1, PO-8, PO-10, PO-11, PO-12

Details of the Program:

Madhukar Jadhav delivered an enlightening guest lecture on project management, providing a comprehensive exploration of key concepts and practical strategies for success. In his introduction, Madhukar shared insights from his extensive background in project management, setting the stage for an engaging session. The lecture covered fundamental principles, including the importance of effective project management and an overview of essential terms. Madhukar shared communication strategies crucial for project success and explored different leadership styles, offering guidance on motivating and leading project teams.

Learning Outcomes:

1 Participants gained a solid understanding of fundamental project management concepts, including key terminology, principles, and the importance of effective project management in achieving organizational objectives.

2 The lecture provided a thorough exploration of the project life cycle, with participants acquiring knowledge about the various phases, from initiation and planning to execution, monitoring and control, and closure

3 Students gained an understanding of the importance of effective communication in project management, acquiring skills and strategies to facilitate transparent and efficient communication throughout the project lifecycle.

Some of Glimpse of Programme:



Mr. Madhukar Jadhav Explaining the Topic



Mr. Madhukar Jadhav Interacting with Students

Mr. R.K.Mankar
Faculty Advisor
(EESA)

Mr. P.R.Dhabe

Dr.S.R.Paraskar
Head
(Electrical Engineering Department)



Shri Sant Gajanan Maharaj College of Engineering, Shegaon , Dist-Buldhana (M.S.)
Department of Electrical Engineering
Electrical Engineering Students Association (EESA)
Academic Year: 2019-20

NOTICE

Date: 01/02/2020

GUEST LECTURE

All 2nd & 3rd Year Electrical Engineering students are hereby informed that EESA is going to organize guest lecture on “ **Project Management** ” on 9th February 2020 deliver by Mr. Madhukar Jadhav, Chief Executive Officer, Jadhav Switchgear Services, Nashik.(M.S.)

The Guest Lecture will be focused on guidance on Project Management.

Name of student Co-coordinators:

Ku. Amruta Kadu-7057962557

Mr. Abhinay Thakare- 8605244230

Time: 4:30 PM to 6 PM

Date: 9th Feb 2020

Venue: - A2 Class Room

Guest Speaker: Mr. Madhukar Jadhav, Chief Executive Officer,
Jadhav Switchgear Services, Nashik. (M.S.)

Organized by : EESA ,Electrical Engineering Department ,SSGMCE Shegaon

Mr. R.K.Mankar
Faculty Advisor
(EESA)

Mr. P.R.Dhabe

Dr.S.R.Paraskar
Head
(Electrical Engineering Department)

Sr.no.	Name of student	Class	Sign.
01)	Mithilesh Joshi	3(5)	<u>Mjoshi</u>
02)	Rushikesh D. Khanderao	3S	<u>RKhanderao</u>
03)	Arjun S. Dhamade.	3S	<u>ADhamade</u>
4)	Vishal S. Agarkar	3S	<u>VAgarkar</u>
5)	Aniket R. Badade	3S	<u>ANBadade</u>
6)	Shrikrushna V. Thakare	3S	<u>SThakare</u>
7)	Bharade Prasenjeet B.	3S	<u>BPrasenjeet</u>
8)	Abhinav V. Thakare.	3S	<u>AVThakare</u>
9)	Sukrut S. Deshmukh	3S	<u>SDeshmukh</u>
10)	Suraj P. Bardiya	3S	<u>SPBardiya</u>
11)	Kailik O Sharma	3S	<u>KS Sharma</u>
12)	Jay Wankhade	3S	<u>JWankhade</u>
13)	Shreejit S. Thorat	4S	<u>SThorat</u>

AVThakare
 A.V. Thakare
 (Chairperson)
 (CEBA).

P.H. Zode
 Faculty Advisor
 (CEBA)

Date - 09/02/20

Sl. no.	Name of student	Class	Sign.
1.	Amruta m. kadu	3S	<u>Amruta</u>
2.	Tanvi Shelokar	3S	<u>Tanvi</u>
3.	Manjusha Ingale	2S	<u>Manjusha</u>
4.	Dhanasheela Bhise	2S	<u>Dhanasheela</u>
5.	Sakshi Kshirsagar	2S	<u>Sakshi</u>
6.	Preeti R. Fulare	2S	<u>Preeti</u>
7.	Shubhankar R. Kathale.	2S.	<u>Shubhankar</u>
8.	Rutik S. Balkar	2S	<u>Rutik</u>
9.	Priyabosh. Chatterjee	2S.	<u>Priyabosh</u>
10.	Ajinkya D. Ingale.	2S	<u>Ajinkya</u>
11.	Sauveabh S. Patil	2S	<u>Sauveabh</u>

A. V. Thakare

(Chair Person,
(EESA)

P. R. Phule
FACULTY ADVISOR
(EESA)

Date - 09/02/20

R.no	Name of student	Class	Sign.
1.	Prathameh Nilkanth Chavhan	25	<u>Prathameh</u>
2.	Gayatri Ajit Kulkarni	25	<u>GKulkarni</u>
3.	Dhanashree shyam Joshi	25	<u>DJoshi</u>
4.	Yashashri Arun patil	25	<u>YAPatil</u>
5.	Krutika . yanesh. Akhwal	25	<u>Kakhwal</u>
6.	Pallavi. Dayaram. Aulwat.	25	<u>PAulwat</u>
7.	Peatiksha P. Kapade.	33	<u>PKapade</u>
8.	Sakshi .G. Mhaske	25	<u>SMhaske</u>
9.	Neha R. Deshmukh.	25	<u>NRDeshmukh.</u>
10.	Pooja . S. Deshmukh	25	<u>PSDeshmukh.</u>
11.	Neha N. Dhande	25	<u>NDhande</u>
12.	Shweta Anil Mankar	25	<u>SMankar</u>

A. V. Thakare

A. V. Thakare

(Chairperson)

(EESA)

Prathameh Prathameh

Faculty Advisor

(EESA)



END OF POINT





A

Report

on

“Project & Resource Management “

By

Mr. Kai;as Patil , Service Head, Aurangabad &
Mr. Prakash Zodge, DGM, Trinity Mahalasa Durga Sales & Services, Aurangabad.

Academic Year 2019-20

Department of Electrical Engineering

Electrical Engineering Students Association (EESA)

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



Sr No	Title of Activity	* Project & Resource Management for 2 nd & 3rd year student of BE
1	Speaker	Mr. Kai;as Patil & Mr, Mr. Prakash Zodge
2	Co-Ordinator	Mr. R.K.Mankar
3	Co-Cordinator	Mr. P.R.Dhabe
4	Schedule of Activity	09-02-2020
5	Time	9 am to 11am
6	Objective of Activity	<ol style="list-style-type: none"> 1. To Provide a clear definition and understanding of project and resource management in the context of organizational success. 2.To Emphasize the critical role of effective project management in achieving project goals, meeting deadlines, and delivering high-quality outcomes. 3. To Address the importance of risk management in project execution, including the identification, assessment, and mitigation of potential risks.
7	Venue	A2 Classroom Electrical Engineering Department, SSGMCE Shegaon
8	No. of Beneficiaries	Total- 36
9	Pos addressed	PO-1,PO-8, PO-10, PO-11 , P0-12

Details of the Program:

Mr. Kailas Patil provided a clear definition of project management and discussed its relevance in organizational success. Furthermore, he delved into project planning strategies, emphasizing aspects such as scope definition and timeline development. He also highlighted the importance of identifying, assessing, and mitigating risks during project execution.

Learning Outcomes:

- 1 Participants gained a clearer understanding of project management concepts, including its definition and relevance in achieving organizational success..
- 2 The lecture enhanced participants' proficiency in risk management by emphasizing the identification, assessment, and mitigation of risks during project execution.
- 3 Students have gained insights into how effective project management contributes to overall organizational success.

Some of Glimpse of Programme:



Mr. Kailash Patil Interacting with Students

Mr. R.K.Mankar
Faculty Advisor
(EESA)

Mr. P.R.Dhabe

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 Notice**

Date:- 5th Feb 2020

All Second & Third Year Electrical Engineering students are hereby informed that EESA is going to organize guest lecture on “ **Project & Resource Management** ” on 9th February by Mr. Kailash Patil, Service Head, Trinity Mahalasa Durga Sales & Services, Aurangabad and Mr. Prakash Zodge, DGM , Trinity Mahalasa Durga Sales & Services, Aurangabad.

The Guest Lecture will be focused on guidance on importance of fundamentals of electrical engineering & carrier opportunist in future.

Name of students Co-coordinators:

Ku. Amruta Kadu-7057962557

Mr. Abhinay Thakare- 8605244230

Time: 9 AM to 11 AM

Date: 9th Feb 2020

Venue: - A2 Class

Deliver by

- 1) Mr. Kailash Patil,
Service Head, Trinity Mahalasa Durga Sales & Services, Aurangabad
- 2) Mr. Prakash Zodge, DGM,
Trinity Mahalasa Durga Sales & Services, Aurangabad.

Mr. R.K.Mankar
Faculty Advisor
(EESA)

Mr. P.R.Dhabe

Dr.S.R.Paraskar
Head
(Electrical Engineering Department)

Gr. no.	Name of student	Class	Sign.
01)	Mithilesh Joshi	3(5)	<u>Mjoshi</u>
02)	Rushikesh D. Khandare	3S	<u>RKhandare</u>
03)	Arjun S. Dhamade.	3S	<u>ADhamade</u>
4)	Vishal S. Agarkar	3S	<u>VAgarkar</u>
5)	Aniket R. Badade	3S	<u>ABadade</u>
6)	Shrikrishna V. Thakare	3S	<u>SThakare</u>
7)	Bharade Prasenjeet B.	3S	<u>BPrasenjeet</u>
8)	Abhinav V. Thakare.	3S	<u>AThakare</u>
9)	Sukrut S. Deshmukh	3S	<u>SDeshmukh</u>
10)	Suraj P. Bardiya	3S	<u>SBardiya</u>
11)	Pratik O Sharma	3S	<u>PSharma</u>
12)	Jay Wankhade	3S	<u>JWankhade</u>
13)	Shreejit S. Thorat	4S	<u>SThorat</u>

A.V. Thakare
 A.V. Thakare
 (Chairperson)
 (CEBA).

P.H. Zode
 P.H. Zode
 Faculty Advisor
 (CEBA)

Date - 09/02/20

Sl. no.

Name of student

Class

Sign.

1. Amruta m. kadu

3S

Amruta

2. Tanvi Shelokar

3S

Tanvi

3. Manjusha Ingale

2S

Manjusha

4. Dhanasheela Bhise

2S

Dhanasheela

5. Sakshi Kshirsagar

2S

Sakshi

6. Preeti R. Fulare

2S

Preeti

7. Shubhankar R. Kathale.

2S.

Shubhankar

8. Rutik S. Balkar

2S

Rutik

9. Priyabosh. Chatterjee

2S.

Priyabosh

10. Ajinkya D. Ingale.

2S

Ajinkya

11. Saundeabh S. Patil

2S

Saundeabh

A. V. Thakare
A. V. Thakare

(Chairperson)

(EESA)

P. R. Phule
P. R. Phule
FACULTY ADVISOR

(EESA)

Date - 09/02/20

R.no	Name of student	Class	Sign.
1.	Prathameh Nilkanth Chavhan	25	<u>Prathameh</u>
2.	Gayatri Ajit Kulkarni	25	<u>GKulkarni</u>
3.	Dhanashree shyam Joshi	25	<u>DJoshi</u>
4.	Yashashri Arun patil	25	<u>YAPatil</u>
5.	Krutika . yanesh. Akhwal	25	<u>Kakhwal</u>
6.	Pallavi. Dayaram. Akhat.	25	<u>PAkhat</u>
7.	Peatiksha P. Kapade.	33	<u>PKapade</u>
8.	Sakshi .G. Mhaske	25	<u>SMhaske</u>
9.	Neha R. Deshmukh.	25	<u>NRDeshmukh.</u>
10.	Pooja . S. Deshmukh	25	<u>PSDeshmukh.</u>
11.	Neha N. Dhande	25	<u>NDhande</u>
12.	Shweta Anil Mankar	25	<u>SMankar</u>

A. V. Thakade

A. V. Thakade

(Chairperson)

(EESA)

Prathameh Prathameh

Faculty Advisor

(EESA)



END OF POINT





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 44203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

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

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

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

Guest Lecture Summary Report

Topic: "Hands on workshop on Introduction on casting"

Resource Person with contact details: Er. Vijay Kumar Bhambri Industrial Expert, Nagpur.

Number of Participants: 49

Objectives:

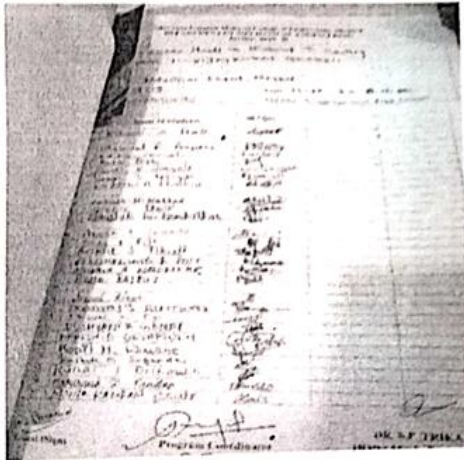
- Hands on practice of students of mechanical engineering.
- To aware about, Step by step processes used for casting.

Highlights of Guest Lecture:

The hands on workshop has organised by physical mode on dated 30/07/2019 on "Introduction on casting" by Er. Vijay Kumar Bhambri Industrial Expert, Nagpur for the students of second year mechanical engineering. The various samples has been carried out at workshop ssgmce shegaon to get rigorous knowledge about the casting process.

Outcomes:

- Students get overall casting process understanding and post casting defects and its types.



Syed

Name and Signature of the Coordinator: Prof S Q Syed
Date of Submission: 05/08/2019

[Signature]

(HOD)
Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon- 44203
(M.S.) INDIA



END OF POINT





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Fax : 091-7265-252346

Website- www.ssgmce.ac.in

Guest Lecture Summary Report

Topic: Work shop on Human resource management and materials management

Resource Person with contact details:

Mr. Anand Manjarkhede Director NCS Pvt Ltd Nagpur. contact No.7030594675.

Number of Participants: 55 .

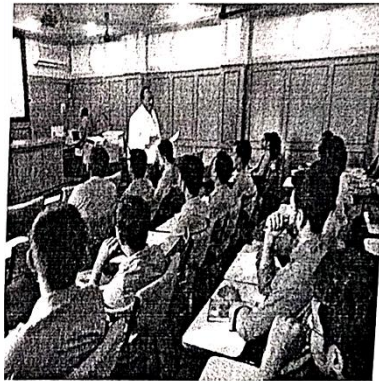
Objectives:

- Hands on practice of students of mechanical engineering.
- To aware about Step by step processes used for casting.

Highlights of Guest Lecture:

Guest lectures has organised by physical mode on dated 07/08/2019 and 08/08/2019 on "Work shop on Human resource management and materials management " by Mr. Anand Manjarkhede Director NCS Pvt Ltd Nagpur, for the students of final year mechanical engineering. The various case studies about the HRM and materials management has been carried out at ssgmce shegaon to get practical awareness about managerial situations.

Outcomes: Students understand the concept of human resource management and MM. management.



Name and Signature of the Coordinator: Prof N B Borkar
Date of Submission: 07/08/2019 and 07/08/2019

(HOD)

Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon-444203
(M.S.) INDIA



END OF POINT





END OF POINT





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Fax : 091-7265-252346

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

Guest Lecture Summary Report

Topic: Workshop on basics of gas turbine

Resource Person details: Dr. B N Jajoo Ex. Principal GCOE Aurangabad.(+91- 8668553115)

Number of Participants: 58

Objectives: 1. To understand the basics of steam gas turbine. 2. Basic and working of gas turbines.

Highlights of Guest Lecture:

The program has organised to aware and better understanding about the gas turbines used for different applications. The course has conducted by renowned speaker Dr. B N Jajoo Ex. Principal GCOE Aurangabad with rigorous theory and practical aspects to final year mechanical engineering students of SSGMCE during 07/09/2019-12/09/2019.

Outcomes: Students has learnt the micro details about working of turbines and basic principles.

Name and Signature of the Coordinator: Prof.S.Q.Syed
Date of Submission: 15/09/2019

(HOD)

Head
Department of Mechanical Engineering
S.S.G.M.College of Engineering
Shegaon- 444208
(M.S.) INDIA



END OF POINT





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Website- www.ssgmce.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING
FEEDBACK FORM (Session 2019-20)

Guest Lecture : Energy Conversion -II
Name of Speaker : Prof. B.N. Jajoo (Expert Faculty, Pune)
Date : 7/01/2019 to 12/01/2019

Particulars	Excellent	Very Good	Good
Was speaker well prepared, organized and course contents were well structured?	/		
Was Black Board Writing/Audio Visual aids clear and organized?	/		
Whether speaker delivered on fundamental concepts with illustrative examples?	/		
Whether speaker taught difficult topics with adequate attention and ease?	/		
Did speaker provide new knowledge and has command over subject?	/		
Was speaker enthusiastic about teaching, engages classes regularly and maintain discipline?	/		
Whether students were encouraged to ask questions to make lectures interactive and lively?	/		
Was speaker able to deliver lectures with good communication skills?	/		

Remarks (If any)

Signature of Student :



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

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

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

Guest Lecture Summary Report

Topic: Seminar on Product Development

Resource Person with contact details: Mr. Kamlesh Pande Ex VP, Mahindra & Mah and Ex Prof, IIT Pawai .Contact No. 9823035442 Number of Participants: 76

Objectives: Approach of product development. Stepwise understanding of product development for any engineering problems.

Highlights of Guest Lecture:

The seminar had conducted for students of all branches of 3rd year of SSGMCE by Mr. Kamlesh Pande Ex VP, Mahindra & Mah and Ex Prof, IIT Pawai with real time demonstrations and case studies at SSGMCE during 07/02/2020.

Outcomes:

- Students are enriched by the product development methodology for general application of engineering.



Name and Signature of the Coordinator: K R Gandhare
Date of Submission: 01/08/2019


Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon-444203
(M.S.) INDIA



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Fax : 091-7265-252346

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

Roll No.	Name of Students	Signature		
31	Dhananjay Gavhale			
32	Dhanraj Dhanokar			
33	Gaurav Thakre			
34	Gaurav Thote			
35	Govardhan Rokade		(AB)	
36	Himanshu Banait			
37	Hrishikesh Tupkari			
38	Jayesh Tale		(AB)	
39	Keshav Kulkarni			
40	Kewal Khondekar			
41	Kunal Bandewar			
42	Kunal Tekade			
43	Manoj Paghrut		(AB)	
44	Memon Mobin			
45	Mohd Azhroddin Shaikh			
46	Pawan Pawar			
47	Pranav Chandurkar		(AB)	
48	Punit Pahune		(AB)	
49	Rajendra Kubde			
50	Ratnanabh Patil			
51	Rohan Tiwari			
52	Rohit Jibhakate		(AB)	
53	Rupesh Choudhary		(AB)	
54	Rushikesh Tajne		(AB)	
55	Satyalaksh Jawade		(AB)	
56	Shubham Khandare		(AB)	
57	Shubham Soni			
58	Shubham Girhe			
59	Sumit Ingole			
60	Suraj Shelke			
61	Unmesh Gatade		(AB)	
62	Vaibhav Mokode			
63	Vaibhav Garve		(AB)	
64	Vedneshwar Ghawat			
65	Vikaskumar Yadav			
66	Yash Dhamane		(AB)	
67	Yogesh Thakare		(AB)	
68	Yogesh Wanve			

(41)

11.3.19



END OF POINT





Shri Gajanan Shikshan Sanstha's
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SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

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Website- www.ssgmce.ac.in

Mechanical Engineering Department

Guest Lecture Summary Report

Topic: Workshop on fundamentals of theory of machines.

Resource Person with contact details: Dr. Mohan Godse, Consultant U2I Innovations Pune

Number of Participants: 56

Objectives:


- Introduction about the theories and principals used to study the mechanisms.
- To understand the basic principles and fundamentals of theory of machines.

Highlights of Guest Lecture:

The program has organised on the basic principles and fundamentals of theory of machines and its used for different applications. The course has conducted by renowned speaker Dr. Mohan Godse, Consultant U2I Innovations Pune with demonstrations to students of mechanical engineering at SSGMCE during 19/09/2019.

Outcomes: Students are being introduced with working of mechanism.

- Students can practice the introductory knowledge about of theory of machines.

Name and Signature of the Coordinator: 
Date of Submission: 19/09/2019

(HOD)


Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon - 444203
(M.S.) INDIA



Shri Gajanan Shikshan Sanstha's
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Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
 Website- www.ssgmce.ac.in

U21 Trainers Examination, June
 11/06/2019
 Time: 11:00 to 1:30 PM

Name of Students	SESSION I	SESSION II	SESSION III
1. K. ASHWINI SUDHAKAR PATIL			
2. K. KUNAL UMESH KATKAR			
3. K. MEHNAZ KADIM BAKAR			
4. K. RITIKA DILIPKAR DUNDE			
5. K. H. JESIMIL JOSHI			
6. K. MONALY JANGAL			
7. K. TANUJ SUDHAKAR NANDE			
8. K. VAISHNAVI A. BHAIKAR			
9. K. YETIKA SANJAY DADY			
10. AKASH HANSHAJ			
11. ABHINAV SANJAY DADY			
12. ADITHYAN V. BHAIKAR			
13. ADITHYAN SANJAY DADY			
14. AKASH RAJESH MONDOL			
15. AMY KESHAV DADY			
16. ANURAG SANJAY DADY			
17. ASHWINI SUDHAKAR PATIL			
18. ADITHYAN R. WANDHAKAR			
19. AYUSH ANAND RAJPUT			
20. DARSHAN P. LAUNDIA			
21. DEEPAK NAGAR			
22. DIHANRAJ SHANKAR BUREWAR			
23. DHAIVAL MAYUR KAJA			
24. DUSHYANT VISHNU GONDE			
25. HARISH D. DESHMUKH			
26. KAPIL HANSHAJ WAWRI			
27. KINSHUK MUKESH SUGANDHI			
28. KUNAL SUDHAKAR DESHMUKH			
29. MAHARAND D. PANDAV			
30. MOHAMMAD KAMRAN UZAIR			
31. SAYAN P. KUDMETHIL			
32. PANKAJ D. MESHARAM			
33. PRADEEPA RAJENDRA RAUT			

(Sign) _____
 Principal/Coordinator
 Dr. S.P. Trika (HOD)



END OF POINT





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

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

Guest Lecture Summary Report

Topic: Seminar on Entrepreneurship development.

Resource Person with contact details: Mr. Parikshit Jain ,Director (Arona Trading LLC, UAE)

Number of Participants: 42

Objectives:

- Need and importance of Entrepreneurship.
- Awareness of Introduction about Entrepreneurship development .

Highlights of Guest Lecture:

The seminar has organised for third students to aware about the concepts of Entrepreneurship.The seminar has conducted by renowned speaker Mr. Parikshit Jain ,Director (Arona Trading LLC, UAE) with demonstrations to students of mechanical engineering at SSGMCE during 19/09/2019.

Outcomes: Students are being got an understanding about the government initiatives and importance of Entrepreneurship .

Shri Sant Gajanan Maharaj College of Engineering, Shegaon
 DEPARTMENT OF MECHANICAL ENGINEERING
 Seminar Date: 19/09/2019

Guest Lecture on: Entrepreneurship development
 Name of the Speaker: Parikshit Jain
 Affiliation: Arona Trading LLC, UAE
 Designation: Director
 Date: 01/08/2019
 Time: 2.15 to 3.15 pm
 Venue: Mechanical Seminar Hall
 Audience: Third Year Mech Engg Students

Roll No.	Name of Students	Signature
1	Parikshit Jain	
2	Nikhil Chougale	
3	Pooja Anandkumar Patil	
4	Pooja Anandkumar Patil	
5		
6		
7		
8		
9		
10	Pradeep Shivaram Ingle	
11	Sampada Ramdas Ghambhar	
12	Shivani Santosh Patil	
13	Vishal Santosh Patil	
14	Vishal Santosh Patil	
15	Vishal Santosh Patil	
16	Yashika Ramdas Patil	
17		
18		
19		
20		
21		
22		
23	Amitabh Santosh Gawande	
24		
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29		
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32		
33		
34		
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38		
39		
40		
41		
42		

Signature of Program Coordinator: P T Patkar
 Date: 01/08/2019
 DR. S. P. TRIPATHI

Name and Signature of the Coordinator: P T Patkar
 Date of Submission: 01/08/2019

(HOD) Head
 Department of Mechanical Engineering
 S.S.G.M. College of Engineering
 Shegaon - 444203
 (M.S.) INDIA



END OF POINT





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 Fax : 091-7265-252346

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

Mechanical Engineering Department

Guest Lecture Summary Report

Topic: Workshop on fundamentals of theory of machines.

Resource Person with contact details: Dr. Mohan Godse, Consultant U2I Innovations Pune

Number of Participants: 56

Objectives;

- Introduction about the theories and principals used to study the mechanisms.
- To understand the basic principles and fundamentals of theory of machines.

Highlights of Guest Lecture:

The program has organised on the basic principles and fundamentals of theory of machines and its used for different applications. The course has conducted by renowned speaker Dr. Mohan Godse, Consultant U2I Innovations Pune with demonstrations to students of mechanical engineering at SSGMCE during 19/09/2019.

Outcomes: Students are being introduced with working of mechanism.

- Students can practice the introductory knowledge about of theory of machines .

U2I Innovations
 U2I Training & Consulting
 Date: 19/09/2019 Time: 11:00 AM to 1:30 PM
 Address: Mahad Road, Mahad, Dist. Ratnagiri, Maharashtra

Name of Students	SESSION I	SESSION II	SESSION III
1. ANIL KUMAR BISHNOI			
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55. ANIL KUMAR BISHNOI			
56. ANIL KUMAR BISHNOI			

Dr. S.P. Tikal (HOD)

Name and Signature of the Coordinator:
 Date of Submission: 19/09/2019

(HOD)
 Head
 Department of Mechanical Engineering
 S.S.G.M. College of Engineering
 Shegaon-44203
 (M.S.) INDIA



END OF POINT





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 44203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

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Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Fax : 091-7265-252346

Website- www.ssgmce.ac.in

Guest Lecture Summary Report

Topic: Seminar on FEA Using ANSYS APDL

Resource Person with contact details: Mr. Shrirang Ghdyalji ,Director Predictive Engg Solutions,Pune

Number of Participants: 80

Objectives:

- Approach of finite element analysis and Introduction to FEA Using ANSYS APDL
- Stepwise understanding of finite element analysis.

Highlights of Guest Lecture:

The seminar had conducted for students of 3rd year mechanical engineering students of SSGMCE Mr. Shrirang Ghdyalji ,Director Predictive Engineering Solutions, Pune. The key assignments and case studies has practiced using CAD/CAM during 14/02/2020.

Outcomes:

- Students are able to apply the concepts of finite element analysis general engineering problems.



Name and Signature of the Coordinator: C V Patil
Date of Submission: 27/02/2020

(HOD) Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon-44208
(M.S.) INDIA



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Website- www.ssgmce.ac.in



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
Student Roll List

Class Name : 3M Session : 2019-20 Semester : Spring

Total Students : 64

Roll No.	Admission No.	Student Name	Signature
1	305068	KU. KANCHAN NAJUKRAO DHUMALE	
2	305022	KU. MANASI SUBHASHRAO INGOLE	
3	304900	KU. NIKITA JANARDAN DHAGE	
4	303955	KU. POOJA ANIL WAYSE	
5	304346	KU. POOJA RAMESHRAO GAWARLE	
6	305095	KU. PRAJAKTA VIJAY HADOLE	
7	305816	KU. PRIYA SHRIRAM INGLE	
8	305074	KU. SAMPADA RAMDAS THOMBARE	
9	305807	KU. SHIVANI SUNIL LANDE	
10	305763	KU. VAISHNAVI SAHEBRAO LANDE	
11	305768	KU. VISHAKHA RAMESH MORE	
12	304819	KU. YOGITA RAMDAS MIRGE	
13	304858	ABHAY SHRIKISAN PIDIAAR	
14	305835	ABHIJEET VINAYKUMAR JANJAL	
15	304985	ADITYA RAJU DAROLI	
16	305779	AJINKYA SANTOSH GAWANDE	
17	304876	AKASH SHIVDAS SARDAL	
18	305849	AKSHAY RAMESH KALORE	
19	305107	ANIKET DNYANESHWAR BASOLE	
20	305110	ANIKET RAJENDRA LAKDE	
21	305081	ANIKET SANTOSH NIKHADE	
22	304812	ANKIT RAVINDRA KADU	
23	305099	ANMOL SHANKARRAO DAKHOLE	
24	304813	ASHISH SANTOSHDAS BAIRAGI	
25	304808	DARSHAN RAJENDRA SAWARKAR	
26	304960	DURGESH SHIVAJI MHASAGAR	
27	305188	GAURAV PRASHANT BHATKAR	
28	305133	HRUSHIKESH ASHOKKUMAR GANGANE	
29	304794	KARTIK SUNIL RANE	
30	305749	KARTIK VIJAY GAIKWAD	
31	304797	KAUSTUBH CHANDRAKANT BORLE	
32	305838	KHUSHAL VIKAS NAGMOTE	
33	304877	KISHOR GOPAL DABHADE	
34	304817	KRISHNA NANDKISHOR THAKARE	
35	304068	KUNAL CHANDRAKANT SHIRAL	
36	305154	LILENDRA GOPAL BIDKAR	

Shriram Ghadyaji

(Mr. Anand Bhise)

Page No 1

(Prof. C.V. Patil)
Coordinator



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Fax : 091-7265-252346

Website- www.ssgmce.ac.in

Roll No.	Name of Students	Afternoon Session		
31	Dhananjay Gavhale			
32	Dhanraj Dhanokar	(C) Gautale		
33	Gaurav Thakre	(Ab)		
34	Gaurav Thote	(Ab)		
35	Govardhan Rokade	(Ab)		
36	Himanshu Banait	(Ab)		
37	Hrishikesh Tupkari			
38	Jayesh Tale			
39	Keshav Kulkarni			
40	Kewal Khondekar			
41	Kunal Bandewar			
42	Kunal Tekade			
43	Manoj Paghrut		(Ab)	
44	Memon Mobin			
45	Mohd Azhroddin Shaikh			
46	Pawan Pawar			
47	Pranav Chandurkar		(Ab)	
48	Punit Pahune		(Ab)	
49	Rajendra Kubde		(Ab)	
50	Ratnanabh Patil			
51	Rohan Tiwari			
52	Rohit Jibhakate		(Ab)	
53	Rupesh Choudhary		(Ab)	
54	Rushikesh Tajne		(Ab)	
55	Satyalaksh Jawade		(Ab)	
56	Shubham Khandare			
57	Shubham Soni			
58	Shubham Girhe			
59	Sumit Ingole			
60	Suraj Shelke			
61	Unmesh Gatade		(Ab)	
62	Vaibhav Mokode			
63	Vaibhav Garve			
64	Vedneshwar Ghawat		(Ab)	
65	Vikaskumar Yadav			
66	Yash Dhamane			
67	Yogesh Thakare			
68	Yogesh Wanve			

(40)



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Website- www.ssgmce.ac.in



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
Student Roll List

Class Name : 4M Session : 2019-20 Semester : Spring

Total Students : 74

Roll No.	Admission No.	Student Name	Signature
1	304442	KU. ANUJA SHAM GHODKI	Ghodka
2	304633	KU. ASMITA SANTOSH RAWANKAR	Rawankar
3	305245	KU. KALYANI ANIL AGNIHOTRI	Agnihotri
4	305260	KU. NAMITA NARENDRA DAHAKE	Dahake
5	304349	KU. PANKHURI SUHAS JAGDALE	Jagdale
6	304664	KU. POONAM DNYANESHWAR TIKAR	Tikar
7	304493	KU. PRAJAKTA SURESH TEMURDE	Temurde
8	303956	KU. RUCHA GOVINDRAO TASKE	Taske
9	304419	KU. SHRADDHA RAJENDRA SALIVKAR	Salivkar
10	303820	KU. SONAL VINOD DHANOKAR	
11	305240	KU. SONALI VIJAY CHIM	
12	304495	KU. SUHANI CHANDU INGLE	
13	304616	ABHISHEK PRAMODKUMAR AGRAWAL	Agarwal
14	304259	ABHISHEK VIJAY GORAKH	
15	304324	ADITYA VIDYADHAR WADATKAR	
16	304533	AJAY GAJANAN CHAWALE	Chawale
17	304499	AKASH BHAUSAHEB JAIWAL	
18	305251	AKASH VIJAY WAGHODE	
19	304285	AKSHAY NARAYAN TIKAR	
20	304069	AKSHAY VINOD CHOUDHARI	
21	304261	AMAN NAVIN OJHA	Amanghan
22	304578	AMIT PARSHURAM PARIHAR	Parihar
23	304618	ANIKET SANJAY GULHANE	Gulhane
24	305282	ANIKET SURESH BANDEWAR	
25	304557	ANISHK SINGH SINGH	
26	305182	ANKIT KAILAS LAHASE	Lahase
27	305242	ANUP PANDURANG LAHAMAGE	Lahamage
28	305210	ASHISH RAJESH GAJBE	Gajbe
29	303759	ASHWIN ARUN KOICHE	
30	304424	ATHARVASINGH MANISHSINGH BAIS	Bais
31	304449	BHIKA NINAJI SABE	Sabe
32	304365	DEEPAK RAJESH RAUT	Raut
33	302533	DEEPI MOHANLAL PANDITA	
34	304604	DHANANJAY DNYANESHWAR GAVHALE	Gavhale
35	304648	DHANRAJ JAYPRAKASH DHANOKAR	
36	303745	GAURAV NILKANTH THAKRE	

Shriram Chadyaji

CMr. Anand Bhuise

Page No. 1
C.V. Patil
(Prof. C.V. Patil)
Coordinator



END OF POINT





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Website- www.ssgmce.ac.in

Mechanical Engineering Department

Guest Lecture Summary Report

Topic: Seminar on GATE exam preparation

Resource Person with contact details: Mr. Paresh Gandhi, Director, I2e Pune

Number of Participants: 64

Objectives:

- Opportunities after the qualification of GATE exam.
- Introduction and tactics of preparation of GATE exam.

Highlights of Guest Lecture:

The focus of program was to aware the students of mechanical engineering about graduate aptitude Test for Engineering SSGMCE. Mr. Paresh Gandhi, Director, I2e Pune took the review and understand the requirements of students on 27/02/2020.

Outcomes: Students are able to prepare for GATE exam and approach for getting successful in exam.

Sl. No.	Roll No.	Name	Signature
1	305074	KET. SAMBODIA RAMDAS THOMBIARE	
2	305075	KET. SHIKHAR SURESH LAKHE	
3	305076	KET. VASINCAVI SAHIBRAJ LANSI	
4	305077	KET. VINHARHA RAMSHE MOBI	
5	305078	KET. YOGITA RAMDAS MURGE	
6	305079	ABHAY SHRIKINAN PITHAR	
7	305080	ABHILU VINAYAK MARJANAL	
8	305081	ABHYA RASHI DARGHI	
9	305082	ABHINYA SANTOSH GAWANDI	
10	305083	AKASH SHIVDAS NABDAL	
11	305084	AKSHAY RASHI SH KALORE	
12	305085	ANKIT DNYANESHKAR HASOLE	
13	305086	ANKIT RAJENDRA AKHE	
14	305087	ANKIT SANTOSH NIKHADI	
15	305088	ANKIT RAVINDRA KADU	
16	305089	ANMOL SHANKARRAO DAKHOLE	
17	305090	ANUSHI SANTOSHIDAS BARKGI	
18	305091	ANUSHI RAJENDRA SAWARKAR	
19	305092	ANUSHI SHIVAJI MHASAGAR	
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27	305100	KARTIK VIJAY GADKWAR	
28	305101	KARTIK VIJAY GADKWAR	
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64	305137	KARTIK VIJAY GADKWAR	

Name and Signature of the Coordinator: K V Chandan
Date of Submission: 27/02/2020

(HOD)
Head
Department of Mechanical Engineering
S.S.G.M. College of Engineering
Shegaon- 44203
(M.S.) INDIA



END OF POINT





A Report for

**Two days workshop
on
Research Methodology
By
Dr Manesh Kokare
Academic Year 2019-20
Electronics and telecommunication
Department
SSGMCE, Shegaon**



Title of Activity	Research Methodology
Speaker	Dr. Manesh Kokare (BOYSCAST Post-Doctoral Research Fellow, University of California Santa Barbara, USA) Associate Professor and Coordinator of Center of Excellence in Signal and Image Processing Dept. of Electronics and Telecommunication Engineering Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri Nanded 431 606, Maharashtra State, INDIA
Organizer	Electronics and telecommunication department, SSGMCE, Shegaon
Schedule of Activity	2nd and 3rd August 2019
Time	9.30 am to 5.00 pm
Objective of Activity	<ol style="list-style-type: none"> 1.^o Understanding the Research Landscape 2.^o Literature Survey and Problem Formulation 3.^o Research Idea Generation and Data Collection 4.^o Ethical Conduct in Research 5.^o Crafting Best Research Papers 6.^o Effective Paper Presentation 7.^o Thesis Writing Mastery 8.^o Preparing for Ph.D. Viva and Post-Ph.D. Pathways
Venue	SSGMCE, Shegaon
No. of Beneficiaries	39

Brief Introduction of Resource Person:

Dr. Manesh Kokare received the Diploma in Industrial Electronics Engineering from Board of Technical Examination, Maharashtra, India, in 1990, and B.E. and M. E. Degree in Electronics from Shri Guru Gobind Singhji Institute of Engineering and Technology Nanded, Maharashtra, India, in 1993 and 1999 respectively, and Ph.D. from the Department of Electronics and Electrical Communication Engineering, Indian Institute of Technology, Kharagpur, India, in 2005. During Aug 2011- Sept 2012, he did his Post Doctoral research work under BOYSCAST Fellowship of Government of India at University of California, Santa Barbara USA.

Since June 1993 to Oct 1995, he worked with Industry. From Oct 1995, he started his carrier in academics as a Lecturer in the Department

of Electronics and Telecommunication Engineering at S. G. G. S. Institute of Engineering and Technology, Nanded, where he is presently holding position of Associate Professor and Dean R&D. He has published about 80 papers in international and national journals and conferences.

He received the prestigious Career Award for Young Teachers (CAYT) for the year 2005 from AICTE, New Delhi, India. The award carries a research grant of Rs. 10.5 lakhs spread over three years. This award is given to Young Talented Technical teachers who have established competence in their area of specialization. Based on his significant research contribution, Dr. Kokare has been chosen as candidate, whose biography is included in the 2007 Edition of “Who’s Who in the World”, which is published in November 2006. In December 2009, he got best achiever alumni award for achievement in the field of Career Performance. Recently Dr. Kokare has been awarded “BOYSCAST” Fellowship for the year 2010-2011 by the Department of Science and Technology, Government of India to carry out his Post Doctoral research work at University of California Santa Barbara, USA.

He is member of IEEE, IEEE Computer society, IEEE Signal Processing Society, IEEE System, Man and Cybernetics Society. He is a life member of System Society of India, Indian Society for Technical Education (ISTE), and The Institution of Electronics and Telecommunication Engineers (IETE). He is a reviewer of twenty international journals like IEEE Transactions on Image Processing, IEEE Transactions on System Man and Cybernetics Part B, International journal of Image Vision and Computing, Pattern recognition Letter, Signal Processing, and Information Science journal etc. He was a Program Chair of IEEE International Conference on Signal and Information Processing 2016 (IConSIP-2016), Nanded, India. His research interests include wavelets, image processing, pattern recognition, and Content Based Image Retrieval. He has delivered several lectures at national and international level. In Aug 2004, Dr. Kokare had visited Cambridge University U.K to present his research paper in IEEE International Conference on Pattern Recognition (ICPR), where he got travel bursary award of \$ 500 for his research paper. In June 2006, he had visited university of Barcelona, Spain. Also in November 2006 and January 2008, he had visited University of Santa Barbara, California, USA. In March 2009, he had visited Bangkok to present his research paper and to chair the session in IEEE International Conference on Digital Image Processing. In March 2010, he had visited Singapore to present his research paper and to chair the session in IEEE International Conference on Digital Image Processing. He has conducted more than 250 workshops / STTPs at various places in India.

Program Overview:

Two days workshop on on “Research Methodology” was designed to provide participants with comprehensive knowledge, skills, and practical insights into the various aspects of conducting research. The workshop aims to equip attendees with the tools needed to design, implement, and analyze research effectively.

The resource persons has thrown light on:

- 1.° Introduction to research
- 2.° Literature Survey and Problem Formulation
- 3.° How to generate Research Ideas and data collection
- 4.° Research Ethics

- 5.^o Effective Way of Writing Best Research Paper
- 6.^o Effective Way Presenting paper
- 7.^o Effective Way of Thesis Writing
- 8.^o Preparing for Ph.D. Viva and what after PhD?

Program Outcomes: -


After the successful completion of a workshop, the participant will be able

- 1.^o Demonstrate a deep understanding of the research process.
- 2.^o Conduct thorough literature surveys and formulate well-defined research problems.
- 3.^o Generate innovative research ideas and understand various data collection methods.
- 4.^o Apply ethical considerations in their research practices.
- 5.^o Write high-quality research papers and deliver effective presentations.
- 6.^o Master the art of thesis writing and organization.
- 7.^o Prepare for the Ph.D. viva voce examination confidently.
- 8.^o Explore and plan for post-Ph.D. academic and professional pathways.

Photograph of one day workshop: -



Invitation letter to resource person: -

**Shri Gajanan Shikshan Sanstha's**
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SHEGAON - 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
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Ph : 091 - 7265 - 252115, 252218 Email- principal@sagmce.ac.in, registrar@sagmce.ac.in
Fax : 091 - 7265 - 252346 Website- www.sagmce.org

SSGMCE/EXTC/ BE/ 589 /2019

Date: 29/07/2019

To,

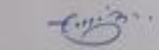
Dr.Manesh Kokare
SGGS, Nanded.


Subject : Invitation as a speaker for two days workshop on Research Methodology workshop during 02-03 August 2019.

Dear Sir,

We are organizing workshop on "Research Methodology" for the research scholars in our college during 02-03 August 2019. We would like to invite you as a speaker for this workshop for two days. We sincerely hope that you will accept our invitation.

Thanking You.


Dr. S. B. Somani
Principal



Leaflet of workshop: -

Registration Form

Two-day workshop

On

“Research Methodology”

(August -02-03, 2019)

Full Name:.....

Designation:.....

Department:.....

Organization:.....

Address:.....

Phone No

E-mail

Whether accommodation required:

Yes / No

Registration fees details*

Amount Rs.....

DD No.....

Bank/Date.....

Signature of Participant

Chief Patron

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Chairman,

Shri Gajanan Shikshan Sanstha, Shegaon

Hon'ble Shri Shrikantdada Patil

Managing Director, SSGMCE, Shegaon

Dr. S. B. Somani

Principal, SSGMCE, Shegaon

Dr. G.S. Gawande

Head, Dept. of Electronics & Telecomm.

Engineering, SSGMCE, Shegaon

Prof. B.P. Harne

Dept. of Electronics & Telecomm. Engineering,

SSGMCE, Shegaon

Last date of receiving applications: 26th July, 2019

Intimation to the participants: 27th July, 2019

Course duration: August -02-03, 2019

Registration Form

Two- day workshop

On

“Research Methodology”

(August -02-03, 2019)



Patron

Convener

Course Coordinators

Organized By:

Department of Electronics & Telecommunication

Engineering

Shri Sant Gajanan Maharaj College of

Engineering, Shegaon – 444 203

Dist: Buldhana (MS)

Shri Sant Gajanan Maharaj College of Engineering, Shegaon Established in 1983, by Shri Gajanan Shikshan Sanstha and is affiliated to Sant Gadge Baba Amravati University (SGBAU), Amravati. Institute is one of the most prestigious engineering colleges in India, which is considered as a 'Center for Excellence' in technical education. Institute presently runs five UG and five PG programmes.

The Department of Electronics and Telecommunication also established in 1983 has taken development as a continuous process and assured this through its mission. The department is accredited four times by NBA. The department has all laboratories equipped with modern instruments and advanced softwares. Laboratories in the department are recognized as the place of research by SGB Amravati University.

1. Introduction to Research
2. Research Problem Formulation and Methods

Course Contents

3. Data collection
4. Research reports and Thesis writing
5. Research Ethics, IPR and Publishing

Dr. Manesh Kokare

*(BOYSCAST Post-Doctoral Research Fellow,
University of California Santa Barbara, USA)
Associate Professor and Coordinator of Center of
Excellence in Signal and Image Processing*

Dept. of Electronics and Telecommunication

About the Institute

*Engineering
Shri Guru Gobind Singhji Institute of Engineering
and Technology, Vishnupuri Nanded 431 606,
Maharashtra State, INDIA*

Eligibility

About the Department

1. Faculty members
2. M. E. / M.Tech students
3. PhD Research Scholars

Faculty from Academic Institutions	Rs. 500
Research scholars and PG students	Rs. 500
Members from Research Lab. & Industry	Rs. 2000
Includes course material and refreshment during the course	

Interested candidates may send the completed registration form along with requisite registration charges. *The Demand Draft should be drawn in favour of "Principal, SSGMCE, Shegaon" (Payable at SBI,*

Resource Persons

Shegaon) Code No. 2176).

Note: Comfortable accommodation will be provided at the institute guest house on paid basis

Prof. B.P. Harne

Address for Communication

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Shegaon
Tel: 07265-252478 Ext.309 **Mobile:** +91-7030696867
E-mail: bdhekekar@yahoo.com

Attendance: -

NSCMCE, Solapur
Dept. of Elec. & Telecomm. Engrg.
List of Participant
Two days' workshop on "Research Methodology" 02-03 Aug. 2019

S.N.	Name of Faculty	2 nd August	3 rd August
1	Prof. S. M. Thaneer	[Signature]	[Signature]
2	Prof. V. M. Gunde	[Signature]	[Signature]
3	Prof. P. D. Kulkarni	[Signature]	[Signature]
4	Prof. Lakshmanan Saral	[Signature]	[Signature]
5	Prof. A. S. Mankar	[Signature]	[Signature]
6	Prof. M. P. V. Kulkarni	[Signature]	[Signature]
7	Prof. A. K. Mhatre	[Signature]	[Signature]
8	Prof. A. G. Mhatre	[Signature]	[Signature]
9	Prof. F. J. Khandekar	[Signature]	[Signature]
10	Prof. S. D. Patil	[Signature]	[Signature]
11	Prof. P. H. Gokhale	[Signature]	[Signature]
12	Prof. A. A. Shirsalkar	[Signature]	[Signature]
13	Prof. S. J. Sankar	[Signature]	[Signature]
14	Dr. S. H. Parashar	[Signature]	[Signature]
15	Prof. H. S. Patil	[Signature]	[Signature]
16	Prof. U. A. Jirwadkar	[Signature]	[Signature]
17	Dr. Mrs. A. U. Jirwadkar	[Signature]	[Signature]
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19	Prof. P. B. Bharambe	[Signature]	[Signature]
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21	Prof. S. S. Jadhav	[Signature]	[Signature]
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Dr. B. P. Harne
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END OF POINT





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Conference ID : 47105

Conference Proceeding
1st International Conference on
Innovative Trends and Advances in
Engineering & Technology

ICITAET-2019

27th and 28th Dec. 2019



Organized by

Shri Gajanan Shikshan Sanstha's

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon
and**

Shri Gajanan Invention and Advance Research Center (SGIARC), Shegaon





Shri Gajanan Maharaj, Shegaon

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<https://icitaet2019.ssgmce.ac.in/>

1st International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET-2019)**Edited by**

Dr. S. B. Patil

Dr. D. D. Nawgaje

Organized by

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2019 International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET) (27-28 December 2019)

About SSGMCE and SGIARC

About SSGMCE

Shri Sant Gajanan Maharaj College of Engineering, Shegaon (SSGMCE), one of the premier institutes in the field of engineering, was established in 1983 by Shri Gajanan Shikshan Sanstha, Shegaon. It is affiliated to Sant Gadge Baba Amravati University, Amravati, recognized by AICTE, New Delhi and approved by DTE, Maharashtra State, Mumbai. SSGMCE has the recognition of being the re-accredited institute by NAAC, Bangalore and the courses are also accredited by NBA (5 times), AICTE, New Delhi. The Institute was selected as the Network Institute under NPIU's TEQIP, MHRD, Govt. of India under Phase-I. SSGMCE is honoured with Dewang Mehta National EDUCATION LEADERSHIP AWARD – 2015 & 2016, CII-GRATITUDE AWARD, Nov. 2016 and honoured as Management College of the Year 2016 by Higher Education Review Magazine, Nov. 2016. Career360 Magazine, April 2017 ranked the institute as "AAA",

Over three decades, it has successfully nurtured young Indians in engineering and managerial professionals for the betterment of society and humanity as a whole. It is well known for its visionary management, dedicated and devoted faculty, state of the art infrastructure and discipline. It is also known for the overall development of the students' personality with distinct value based spiritual environment. It primarily focuses on the four major pillars of the students' development: Intellectual, Spiritual, Physical and Social. It also provides facilities for the pursuit of excellence and academically suitable climate of the scholarship in terms of curriculum and curricular performance of the students.

The Institute offers 5 Undergraduate engineering courses and 5 Postgraduate (4 Engineering and 1 Management) courses. All the laboratories have been recognized as centers for Ph.D programme. It has excellent physical facilities in the form of residential and academic buildings, library, laboratories, equipments, hostels, Yoga and Meditation Centre etc. of its own spread over neat and clean 82 acres of campus. It provides Indoor/ Outdoor Sport facilities with Wooden Flooring Badminton Court, Hi-tech Gymnasium Centre, Skating Ring (National Standard), Cricket Ground of an International Standard.

It also provides the administrative set up and the pattern of governance involving the faculty members who are conducive to academic innovations and development. SSGMCE promotes healthy practices such as Community Development Service,

extension activities, and projects for the benefit of the society at large. SSGMCE is considered as one of the best institutes in the region and holds the strength to be accountable for the content and quality of education.

SSGMCE has its own vision and mission to steer the institute to become one of the best institutes in the region. Due to globalization, technology is changing rapidly and to cope up with the rapid changes, SSGMCE has its own dedicated Research Center which has the state of the art set up with VLSI and Embedded System Design Center (CADENCE & XILINX equipped), SAP-ERP Center, Data Centre, Electrical Power Research Lab, IP Cell, Multimedia Unit, and Entrepreneurship Development Cell by DST, Govt. of India. Also the Ministry of Micro, Small and Medium Enterprises (MSME), Govt. of India has sanctioned a scheme titled “Financial Assistance for Entrepreneurial Development”. SSGMCE is recognized as the Scientific and Industrial Research Organization by DSIR, Govt. of India. It has established the Solar Radiation Monitoring Centre by CWET, Chennai, MNRE Govt. of India, Specially designed Energy Storage Bank tested by CPRI, Bangalore & ERTL, Mumbai having its own Solar Research Center and its Solar Energy Products are approved by MNRE, Govt. of India and used by various sections of the society. Other facilities at SSGMCE include Sant Gajanan Tool Room (Advanced VMC & CNC machines), CAD/CAM, CFD Center, Skill Development Centre, Advance Welding Centre, IIT Remote Centre, High Voltage Testing Facility etc.

The institution pursues high standards as reflected in its consistent good placement record and results of students in the university examinations. It has the unique Central Library having 29281 titles, 86261 books, 2005 electronic information collection, 7750 bound volumes/projects and large subscription of international, national journals with 475 online access journals and 75 print journals with a total expenditure worth of Rs. 3.20 crore. The Institute has signed MOUs with various companies and entered into agreements with Industrial and Research Organizations in different fields and sectors to promote different forms of interaction and assists students to connect themselves with the changing scenario in engineering. The institute has academic collaborations with De Montfort University, Leicester, UK, Membership of Confederation of Indian Industries (CII), Member of ISBA, Govt. of India. [The Indian STEP and Business Incubator Association (ISBA). STEPs - Science and Technology Entrepreneurs Parks]. MOU with Maharashtra Chamber of Commerce Industries and Agriculture (MACCIA), Mumbai, Vidarbha Industries Association (VIA) and, Many MOU’s are signed with Industry partners like, Sciencetech Ltd., OASIS, ORACLE, MSME-DI, Legrant India Pvt. Ltd, Hindustan Unilever Ltd., Vardhan Sintex etc., for Technology Transfer, Project Work, and Training Courses for Summer Internship Project.

Vision

To impart world-class Engineering and Management education in an environment of spiritual foundation to serve the global society.

Mission

- To develop excellent learning center through continuous design and up gradation of courses in closed interaction with R&D centers, Industries and Academia.
- To produce competent, entrepreneurial and committed Technical and managerial human, with Spiritual foundation to serve the society.
- To develop state-of-the-art infrastructure, centers of excellence and to pursue research of global and local relevance.
- To strive for 'Sarve Bhanvantu Sukhinah' - the ideal of our parent organization Shri Gajanan Maharaj sansthan, Shegaon through symbiosis of Science and Spirituality.

Highlights:

- State-of- the-art laboratories and Recognized for Ph.D. Work by SGB Amravati University, Amravati
- Computerized Library with Book Bank Facility
- Ultra Modern Auditorium (1200 Seats) & Seminar Hall (250 Seats)
- 24x7 Wi-fi, Internet and Intranet Facility
- 24x7 Uninterrupted Electrical Power Supply
- Digital Evaluation Sub-Centre of SGBAU, Amravati
- Excellent Results forming lion's share in the SGBAU Merit List
- Excellent T & P Cell with Consistent Placement Records
- Skill Development Centre
- Sponsored Scholarships to the meritorious, financially weaker & deserving students
- Shri Gajanan Invention and Advanced Research Centre (SGIARC)
- Sant Gajanan Tool Room (SGTR)
- Solar Research Centre
- ERP Centre (SAP Equipped)
- Established Entrepreneurship Development Cell by Dept. Of Science & Technology (DST), Govt. of India
- Centre of Excellences: VLSI Design Centre (Cadence & XILINX equipped), CFD Centre (CFX Equipped), HV Testing Facility, DATA Centre, Advanced Welding Centre etc.
- International Academic Collaboration with De-Montfort University, Leicester (UK)
- IIT's Remote centre under "Ekavya Project" for Continuing Education Programme
- Selected as a Nodal Centre for Virtual Lab Project (IIT Bombay & COE Pune)
- Selected as Network Institute under TEQIP Phase-1, MHRD, Govt. of India (World Bank Project)
- Recognized as a Scientific and Industrial Research Organization by Dept. of Scientific and Industrial Research (DSIR), GOI
- MoU with CII, MACCIA, ISBA, VIA, MSME etc.
- Registered Alumni Association
- Indoor/Outdoor Sport facilities, Badminton Court and Cricket Ground of International Standard, Skating Ring of National Standard, Hi-tech Gymnasium Centre, etc.
- Yoga & Meditation Centre and Community Prayer Halls

- Major Green Campus Projects –
 - Grid Connected 300 KW Solar Power Project
 - Waste Water Management Plant
 - Rain Water Harvesting
 - Recycling of Waste
 - Digital Library / E-learning Centre
 - Complete Ban on Polythene at Campus
 - 4500 Tree Plantation at Campus

About SGIARC

Shri Gajanan Invention and Advanced Research Centre (SGIARC) is committed to provide state-of-the-art facilities, fostering invention and research activities, which will translate in to i.e. Ecologically balanced, economically viable product technologies and patents meant to uplift the society, Developing tools and technologies to enable learning , Creating “Entrepreneurs” people with creative and innovative bent of mind, Making developed knowledge and technology reach the end user, Attaining self-sustainability and a competitive edge.

Facilities at SGIARC

1. VLSI and Embedded System Design Lab.

- World renowned Cadence VLSI Design EDA tools for Digital, Analog and Mixed Signal VLSI Design
- Agilent’s ADS RF Design tools
- Xilinx EDA Tools for digital VLSI Design
- FPGA and CPLD Boards for Prototyping Designs

2. SGTR and Mechanical Engineering Lab. Design

Facilities

- Unigraphics
- CATIA
- SolidEdge
- Ansys
- Witness
- Autodesk

Development Facilities

- Lathe machines
- Milling machines
- Shaping machines
- Grinders

Training Facilities

- Ultra modern Simulator lab

Advance Welding shop

A well equipped welding lab developed in collaboration with ADOR Welding Academy Pune having facilities like-

- Arc Welding
- Gas Welding
- TIG welding
- MIG Welding
- Plasma arc welding
- Spot Welding

3. Solar Research Lab. and Production Center

- Heat Seal Machine
- Sun Simulator
- Curing Oven
- Laminator
- Solar Cell Test Apparatus
- Diode Pump Laser Scrambling Machine
- PCB design Machines

4. SAP-ERP Lab.

SAP ERP Laboratory having dedicated staff and capabilities in design, developing and handling following models

- FICO
- MM
- SD
- ABAP
- BASIS

5. Power Electrical Lab.

Testing and Interfacing Facilities

- ADLINK Data Acquisition card (USB)
- Tektronix Digital Storage Oscilloscope (Serial ,TPS 2014B)
- D-Space kit for online control (PXI)
- Advantech Data Acquisition card (PCI)
- NI DAQ cards (USB 6008)
- NI Compaq-RIO
- Power Quality Analyzer (Fluke)
- Load Manager
- Dielectric Testing Kit
- High voltage test bench up to 100kV

Software for Analysis and Computing

- MATLAB
- PSCAD
- ETAP
- Lab VIEW
- Neuro Solutions

6. Tier-3 Data Center

Tier 3 DATA CENTRE is designed to host mission critical servers and computer systems, with fully redundant subsystems (cooling, power, and network links) and compartmentalized security zones controlled by access controls methods.

Servers

- SAP-ERP Server
- Web Server
- FTP server
- ORACLE Server
- Cadence Server
- Laboratory/Practical Server

Power Backup

- 24x7x365 (with 340KVA Diesel Generator Set)
- Redundant 2X 10 KVA Numeric DHPE 1000 Online UPS (Back up time 4 hrs. each)

Precise Cooling System

- Redundant 2X Emerson Network Power PEX 130EC with iCOM control panel 18°C ± 2°C Floor Temperature Relative humidity 50%(+/-10%)

7. Entrepreneurship Development (ED) Cell

The institution has been sincerely working towards building job creators i.e. entrepreneurs than the job seekers. Accordingly, number of programs relating to entrepreneurship awareness and entrepreneurship development are conducted for the students in close collaboration with various agencies. Development Board of DST, New Delhi sanctioned an Entrepreneurship Development Cell in the institute with initial grant of around Rs. 8,81,000/- in 2009. In subsequent years it has received grant to conduct various Entrepreneurship Development Awareness camps.

Associations:

- Tie-up with MGIRI, Wardha
- Primary Member of - Business Incubators Association (ISBA), New Delhi.

- Recognition by DC-MSME as Host Institute for Business Incubation
- Member of Global Innovators & Entrepreneurs Network (GiENET) Startup Village

8. Intellectual Property (IP) Cell

IP Cell facilitates the process of filing applications for Patents, Copyright, designs and geographical indications (GI). It also arranges trainings on Intellectual Property & Intellectual Property Rights to create awareness amongst the students & staff.

- **Number of patents filed:-21**
- **Number of patents granted:-04**
 - A Pneumatic Air Rotor Driven Water Pump (2269/MUM/2007)
 - An Improved Lead Acid battery for solar power system (2275/MUM/2007)
 - All in one shaving tool (415/MUM/2008)
 - A PolyHouse (1963/MUM/2010)

About SHEGAON-

Shegaon is a small town of Buldana District of Maharashtra, India, known for a Devin Sant Shri Sant Gajanan Maharj. Devotees from all over India visit Shri Gajanan Maharaj Temple at Shegaon. It is at Central Railway (Mumbai-Nagpur via Bhusawal) 300km away from Nagpur (4 hour journey) and approx 600km from Mumbai (9 hour journey). It is also very well connected with Aurangabad (A historic place in Maharashtra). Shegaon is 200km from Aurangabad (3 hour journey by road). Nearest air port is Aurangabad and Nagpur.

**2019 International Conference on Innovative Trends and
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**2019 International Conference on Innovative Trends and
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It is our privilege and pleasure and we extend our sincere thanks to all how have supported ICITAET-2019 directly or indirectly for its successful organization.

Our sincere thanks go to IEEE Bombay section for their technical sponsorship and whole hearted efforts.

We are privileged to have eminent personalities on technical and advisory committee for the ICITAET-2019 we are grateful to their contribution and support throughout the organization of ICITAET-2019

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**2019 International Conference on Innovative
Trends and Advances in Engineering and
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(27-28 December 2019)**

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