

**3.2.2 Number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during A.Y 2017-18**

<b>Year</b>	<b>Name of the workshop/ seminar/ conference</b>	<b>Number of Participants</b>	<b>Date From – To</b>	<b>Link to the Activity report on the website</b>
2017-18	Guest Lecture on "High rise Building and Estimation"	199	9/15/2017	
	Guest Lecture on "Entrepreneurship and Development & Government Schemes"	51	9/9/2017	
	Workshop on "Optimization Techniques For Engineering Applications"	25	24/11/2017 - 25/11/2017	-
	Workshop on "Research Methodology"	28	11/30/2017	-
	Two Days workshop on "Microprocessor & Microcontroller interfacing"	27	21/03/2018-22/03/2018	-
	Hands-On Tanning on Texas Instrument MSP430 Microcontroller & Industrial Applications	34	16/03/2018-17/03/2018	-

Date: 15<sup>th</sup> Sept. 2017

Venue: GL-08 Civil Department

Guest Speaker: Mr. Mahendra S. Patil ( Govt. Valuator)

Audience: 199 Students.

**Introduction:** The "High Rise Building and Estimation" guest lecture was organized on 15<sup>th</sup> Sept. 2017 at GL-08 Civil Department with the aim of providing insights into the construction and estimation aspects of high-rise buildings. The guest speaker for the event was Mr. Mahendra S. Patil a renowned expert in the field of high-rise construction and estimation.

**Event Summary:** The guest lecture began with a warm welcome to all attendees, followed by a brief introduction of the guest speaker. Mr. Mahendra S. Patil started the lecture by providing an overview of high-rise buildings and their significance in urban development. The audience was captivated by the speaker's in-depth knowledge and experience in the field.

**Key Points Discussed:**

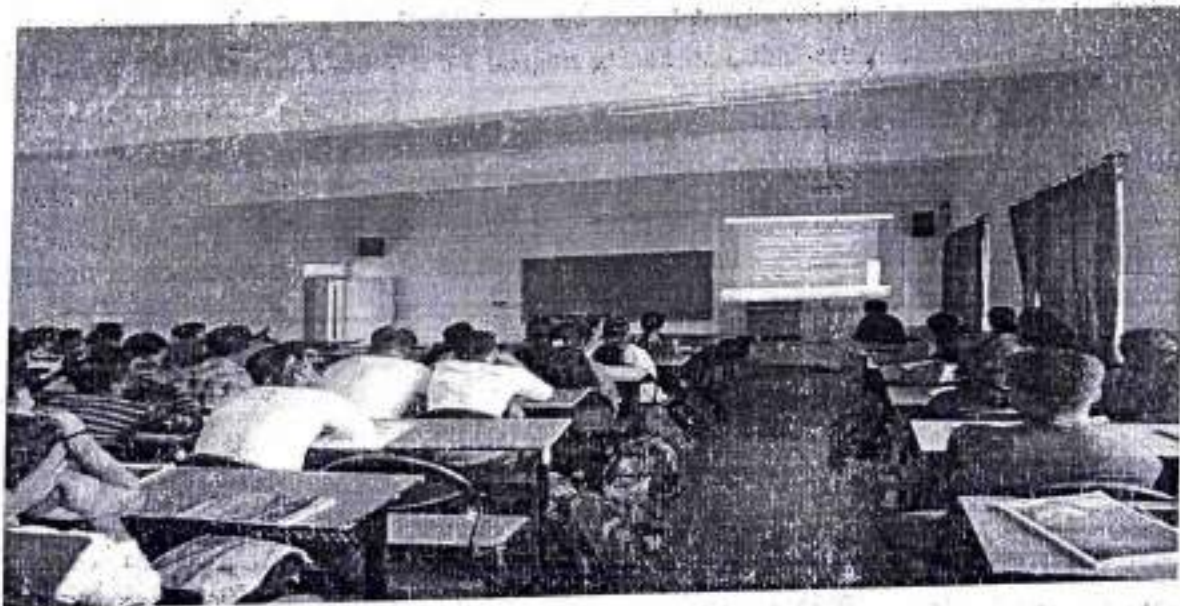
1. Introduction to high rise buildings: The guest speaker explained the characteristics and unique considerations involved in the construction of high-rise buildings, such as structural design, vertical transportation systems, foundation requirements, and facade systems. The audience gained a comprehensive understanding of the complexities associated with building tall structures.
2. Estimation and cost management: The lecture delved into the importance of accurate estimation and cost management in high-rise building projects. The speaker highlighted the need for meticulous planning, including detailed quantity takeoffs, labor and material cost analysis, and contingency planning. Attendees learned about the role of estimators in ensuring project feasibility and financial viability.
3. Key factors influencing high-rise building costs: The guest speaker discussed various factors that significantly impact the cost of high-rise buildings, such as site location, structural complexity, building materials, finishes, mechanical and electrical systems, and project timelines. Attendees gained insights into how these factors contribute to overall project costs and learned strategies for cost optimization.
4. Case studies: The lecture included real-life case studies of successful high-rise building projects, showcasing the application of estimation techniques and cost management principles. Attendees were able to observe how effective planning, value engineering, and risk assessment played vital roles in the successful completion of these projects.

5. **Sustainable practices:** The guest speaker emphasized the importance of incorporating sustainable practices in high-rise construction, including energy-efficient design, waste management, and the use of environmentally friendly materials. Attendees learned about the benefits of sustainable construction and the role it plays in long-term cost savings and environmental stewardship.

**Q&A Session:** Following the presentation, an interactive question-and-answer session took place, allowing attendees to seek clarifications and delve deeper into the topic. The guest speaker provided valuable insights and practical advice in response to the questions raised by the audience, further enriching their understanding of high-rise construction and estimation.

**Conclusion:** The "High rise Building and Estimation" guest lecture proved to be a highly informative and engaging event, shedding light on the intricacies and challenges of constructing tall structures. The knowledge shared by Mr. Mahendra S. Patil provided attendees with a deeper understanding of estimation techniques and cost management practices specific to high rise buildings. We are confident that the insights gained from this lecture will prove valuable in the attendees' future endeavors.

**Acknowledgments:** We extend our sincere gratitude to Mr. Mahendra S. Patil for sharing their expertise and enriching our understanding of highrise building construction and estimation. We also express our appreciation to the organizing committee, volunteers, and all attendees for their active participation, contributing to the success of the event.





C

For



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's,  
ASHOKRAO MANE GROUP OF INSTITUTIONS  
FACULTY OF ENGINEERING  
VATHAR TARF VADGAON - 416 112.  
Department of Civil Engineering  
Civil Engineering Students Association  
(CESA)  
ATTENDANCE SHEET



Date: 15/09/2017 Time: 11:30 am to 12.30pm
Name of Topic :- High Rise Building and Estimation
Guest Speaker: Mr. Mahendra s. Patil

S.N.	Roll No.	Name of the Student	Class	Signature
	2CV101	Bange Omkar Krushnat		Bange
	2CV102	Chougule Shivani Rajaram		Chougule
	2CV103	Desai Namrata Sanjay		Desai
	2CV104	Devkate Pallavi Pandit		Devkate
	2CV105	Dhuri Prafulla Parashram		Dhuri
	2CV106	Gawas Vinit Vishwanath		Gawas
	2CV107	Mankar Kalpesh Shivaji		Mankar
	2CV108	Mankar Rushikesh Kumar		Mankar
	2CV109	Parake Sandip Dhondeeba		Parake
	2CV110	Patil Shweta Uttam		Patil
	2CV111	Shelake Pooja Bajirao		Shelake
	2CV112	Talap Pramod Ananda		Talap
	2CV113	Kamble Vinayak Sanjay		Kamble
	2CV114	Danane Sohan Chadrakant		Danane
	2CV115	Patil Viraj Vishnu		Patil
	2CV116	Kshirsagar Yogesh Mahendra		Kshirsagar
	2CV117	Power Shital Bhagawan		Power
	2CV118	Kumbhar Padmaja Mahendra		Kumbhar
	2CV119	Patil Aadinath D.		Patil
	2CV120	Patil Suraj Jayvant		Patil
	2CV121	Autade Shital Bajrang		Autade
	2CV122	Patil Ankita Anand		Patil
	2CV123	Aawale Nilesh Sambhaji		Aawale
	2CV124	Joshi Shubham Yallappa		Joshi
	2CV125	Kamble Amrapali Sudam		Kamble
	2CV126	Kashhire Shrutika Shrenik		Kashhire
	2CV127	Rote Akash Sambhaji		Rote
	2CV128	Jugale Saurav Babaso		Jugale
	2CV129	Karande Sunil Sadashiv		Karande
	2CV130	Adulkar Deepak Rangrao		Adulkar
	2CV131	Patil Vishal Suresh		Patil
	2CV132	Kamble Sonal Ramesh		Kamble

2CV133	Mahale Rekha Uddhav	RUMJ
2CV134	Patil Yogesh Rangarao	YPR
2CV135	Shinde Rushikesh Gunwant	RSH
2CV136	Kamalakar Pravin Shamrao	PKP
2CV137	Tamhanekar Vinod Namdev	VNT
2CV138	Mujawar Nihal Zakirhusen	NZM
2CV139	Nalang Mahesh Shamrao	MNS
2CV140	Patil Vishwjeet Uttam	PVKU
2CV141	Shirke Shruti Madhukar	S-SM
2CV142	Kamble Pranil Chandrakant	PKC
2CV143	Salokhe Sourabh Sanjay	SSS
2CV144	Powale Umarfarukh Salim	UPW
2CV145	Khot Vaibhav Dinakar	KVD
2CV146	Pawar Vishal Rajendra	VP
2CV147	Kudalkar Aditya Mukund	KAM
2CV148	Gurav Vishal Ramchandra	VG
2CV149	Koganole Shubham Ravaso	SK
2CV150	Thanekar Prasad Rajendra	PT
2CV151	Halure Mrunali Mahavir	HM
2CV152	Pawar Shweta Kumar	PSK
2CV153	Ambi Supriya Shrikant	AS
2CV154	Jadhav Soniya Balkrishna	JS
2CV155	Nalwade Shubhamkumar Namdeo	NS
2CV156	Gurav Vishal Sanjay	VG
2CV157	Kurane Pavan Rajaram	PKR
2CV158	Kaware Shubham Jayawant	KSJ
2CV159	Pinjari Sana Isak	PSI
2CV160	Deshmane Vaibhav Raju	VD
2CV161	Kumbhar Shreyas Rajesh	KS
2CV162	Biraje Swaraj Ramchandra	BSR
2CV163	Salunkhe Prithviraj Rajendra	SPR
2CV164	Satpute Vikas Narayan	VS
2CV165	Dhole Shubham Sanjay	DS
2CV166	Mulla Mulani Karishma Dastagir	MD
2CV167	Karagave Vinit Pravin	VPK
2CV168	Parit Manasi Mahesh	PM
2CV169	Dubal Yogesh Kumar	DK
2CV170	Palakhe Sujit Baburao	SP
2CV171	Patil Rohan Bhimgonda	PR
3CV101	Aitawade Pranali Ajit	PA
3CV102	Atapadkar Pintu Dhulaji	AD
3CV103	/Bansode Deepali Dayaram	BD

3CV104	Bate Satyajeet Mangesh		
3CV105	Bhanase Vitthal Shivagonda		
3CV106	Bhosale Ramchandra Ankush		
3CV107	Birambole Nilesh Krushnat		
3CV108	Chaougule Akshay Hindurao		
3CV109	/Chavan Surekha Namdev		S. N. Chavan
3CV110	Chougale Vinayak Vishvas		V. V. Chougale
3CV111	Daingade Pramod Bhagwan		<del>P. Daingade</del>
3CV112	Desai Akshay Mohan		A. Desai
3CV113	Desai Raviraj		R. Desai
3CV114	Desai Vrushal Amrut		V. A. Desai
3CV115	Devkar Shubham Dhanaji		S. Devkar
3CV116	Dhekale Bajirao Tanaji		B. Dhekale
3CV117	Dhole Sangram Dattatray		S. Dhole
3CV118	Ekal Sandip Tanaji		S. T. Ekal
3CV119	Ghugare Nikhil Rajendra		G. Ghugare
3CV120	Gosavi Rohit Shivaji		R. Gosavi
3CV121	Hujare Rajvardhan Nitin		N. Hujare
3CV122	Jadhav Dhavalkumar Shivaji		D. Jadhav
3CV123	Jadhav Saurabh Madhukar		S. Jadhav
3CV124	Jagatap Satish Sanjay		S. Jagatap
3CV125	Kambale Tushar Bhikaji		T. Kambale
3CV126	/Kapare Priyanka Anandrao		P. Kapare
3CV127	Kasalkar Kedari Subhash		K. Kasalkar
3CV128	Koli Shubham Rajendrakumar		S. Koli
3CV129	Kumbhar Omkar Uttam		M. B. Kumbhar
3CV130	Kupale Mahesh Bhairav		M. Kupale
3CV131	Lad Dattatray Arvind		A. Lad
3CV132	Magdum Akshay Sanjay		A. Magdum
3CV133	Mane Dadaso Bajirao		D. Mane
3CV134	Mane Dhairyashil Bhikaji		D. Mane
3CV135	Mankar Suraj Kiran		S. Mankar
3CV136	Momin Arbazz Mansoor		M. Momin
3CV137	Nakil Aniket Jagannath		A. J. Nakil
3CV138	Narale Tushar Dattatray		T. Narale

3CV139	Nigade Atul Anil	<u>Nigade</u>
3CV140	Pange Saurabh Uday	<u>U.S.P.</u>
3CV141	Pange Yogesh Shivputra	<u>Y.Pange</u>
3CV142	Pathan Salman Babu	<u>S.Pathan</u>
3CV143	Patil Abhijit Mahavir	<u>A.Patil</u>
3CV144	Patil Ajitkumar Dilip	<u>A.Patil</u>
3CV145	Patil Akshay Ashok	<u>A.A. Patil</u>
3CV146	Patil Atul Suhas	<u>A.S.P.</u>
3CV147	Patil Dhiraj Sanjay	<u>Patil</u>
3CV148	Patil Jayant Vilasrao	<u>J.V. Patil</u>
3CV149	Patil Kunalsingh Ravindra	<u>K.R.P.</u>
3CV150	Patil Manish Rajendra	<u>M.Patil</u>
3CV151	Patil Nilesh Vasantao	<u>N.Patil</u>
3CV152	Patil Niranjan R.	<u>(Niranjan Patil)</u>
3CV153	Patil Prathamesh Mahadev	<u>P.Patil</u>
3CV154	/Patil Pranoti Satapa	<u>(Patil)</u>
3CV155	Patil Pratik Suresh	<u>P.Patil</u>
3CV156	/Patil Sanchita Shankar	<u>(Sanchita Patil)</u>
3CV157	Patil Sandip Shivaji	<u>S.S. Patil</u>
3CV158	Patil Tejas Bhagwan	<u>T.Patil</u>
3CV159	/Patil Vasumati Vivek	<u>(Vasumati Patil)</u>
3CV160	Patil Vikram Kuber	<u>V.K.Patil</u>
3CV161	Pawar Pankaj Madhukar	<u>P.Pawar</u>
3CV162	Petkar Akshay	<u>P.Petkar</u>
3CV163	Rakate Aniket Shivaji	<u>A.Rakate</u>
3CV164	/Sangar Anjali Ashok	<u>A.A. Sangar</u>
3CV165	Sathe Swapnil Maruti	<u>S.Sathe</u>
3CV166	Savardekar Prathamesh Dilip	<u>P.Savardekar</u>
3CV167	/Shelake Ankita Bhauso	<u>A.Shelake</u>
3CV168	/Shinde Aarati Avinash	<u>A.Shinde</u>
3CV169	/Shinde Pranita Pandurang	<u>P.Shinde</u>
3CV170	Shinde Vaibhav Vilas	<u>V.V. Shinde</u>
3CV171	Shipekar Nilesh Pandit	<u>N.Shipekar</u>
3CV172	/Sonure Aishwarya Ramchandra	<u>A.Sonure</u>
3CV173	Survase Mahesh Suryakant	<u>S.Survase</u>



4CV128	/Malawade Sharyu Shahaji	SSA
4CV129	/Patil Priyanka Anandrao	Patil
4CV130	/Pol Shweta Sudhir	SS Pol
4CV131	/Shisal Varsha Dhondiram	Vashad
4CV132	Padalkar Akshay Manohar	K. A. S.
4CV133	Patil Abhijeet Anandrao	A. A. Patil
4CV134	Patil Abhijit Vijay	A. Patil
4CV135	Patil Malgonda Sangonda	Malgonda
4CV136	Patil Rajvardhan Raghunath	R. P.
4CV137	Patil Rohit Bhanudas	Rohit. R. B.
4CV138	Patil Rohit Vijay	Rohit. P. Patil
4CV139	Patil Vikram Ananda	R. Patil
4CV140	Patil Vishal Mahadev	Vishal P.
4CV141	Patil Vishwajeet Vasant	V. Patil
4CV142	Redij Vikram Prakash	Redij
4CV143	Rokade Akshay Ramdas	Rokade
4CV144	Salunkhe Sushant Shivaji	S. Salunkhe
4CV145	Sankpal Akshay Ashok	A. A. Sankpal
4CV146	Sherkar Akshay Rajendra	A. Sherkar
4CV147	Shingare Pravin Bhagwan	P. Shingare
4CV148	Shirke Sumit Dattatray	S. Shirke
4CV149	Tade Marshal Rajankumar	M. R. T.
4CV150	Telang Aditya Uday	Telang A. U.
4CV151	Toprani Kartik Mahesh	K. M. Toprani
4CV152	Vasgade Akshay Jinendra	A. Vasgade
4CV153	Yadav Rajdeep Hindurao	R. Yadav
4CV154	Yadav Shantnu Rajiv	S. Yadav
4CV155	/Buva Sharayu Shivaji	S. Buva
4CV156	/Ghatage Vidya Vijaysinh	V. Ghatage
4CV157	/Nale Prajakta Ramling	P. Nale
4CV158	/Patil Snehal Shivaji	SSP
4CV159	/Wagharalkar Snehal Shivaji	SSW
4CV160	Dakave Vijay Ananda	Vijay Dakave
4CV161	Khan Salman Allauddin	Salman Khan
4CV162	Kumbhar Rushikesh Namdev	R. N. Kumbhar

	4CV163	Lolage Ganesh Dnyandev		Lolagegd
	4CV164	Nadaf Sahil Hanif		SNadaf
	4CV165	Patil Dipak Bhikaji		Dpatil
	4CV166	Patil Onkar Rajaram		CRpatil

3CV174	Sutar Akshay Sanjay	Akshay Satar
3CV175	Sutar Sushant Rajendra	Sutar S.
3CV176	Tanugade Vishal Vishnupant	
3CV177	Thombre Rushikesh Manik	
3CV178	Thorat Prabhanjan Pratap	Thorat P.
3CV179	Tippe Sushant Shankar	
3CV180	/Vadar Swapnali Arjun	Sadar
3CV181	Varkat Akshay Nivrutti	
4CV101	/Kadam Dhanashri Shivaji	DK
4CV102	/Kalase Mayuri Anandrao	M.Kalase
4CV103	/Kanase Gaytri Pandit	
4CV104	/Khondre Rutuja Vinod	Rutuja V. Khondre
4CV105	/Mohite Pratibha Prabhakar	Pratibha
4CV106	Baraskar Farhan Firoz	
4CV107	Chavan Akshay Bhikaji	Chavan A.B
4CV108	Chougale Satish Maruti	
4CV109	Chougale Shekhar Namdev	
4CV110	Chougule Bahubali BhuPal	
4CV111	Chougule Jinendra Nandkumar	
4CV112	Chougule Pratik Suresh	Pratik C
4CV113	Davang Nilesh Sanjay	
4CV114	Dhere Aditya DeePak	Dhere
4CV115	Gaikwad Ranjit Vishnupant	
4CV116	Garad Sachin Bharat	Sachin P.
4CV117	Gavade Samadhan Babu	
4CV118	Ghorpade Akshay Ajit	
4CV119	Gotekar Saish Satish	Gotekar
4CV120	Hebbalkar Madhukar Krushna	
4CV121	Hirukude Rohan Ramesh	R.R. Hirukude
4CV122	Janwade Atul Jotiram	
4CV123	Khatik Alfaz Sadik	
4CV124	Kumbhar Pravin Tanaji	Kumbhar P.
4CV125	Kushire Janardhan Mahadev	
4CV126	Londhe Akash Lakshman	Londhe
4CV127	Mhaswade Ashutosh Dashrath	

Date: 9th Sept 2017

Venue: Seminar Hall (DBATU Building)

Guest Speaker: **Mr. Shrinivas Kulkarni**

Audience: 51

**Introduction:** The "Entrepreneurship and Development: Government Schemes" guest lecture was organized on 9th Sept 2017 at Seminar Hall (DBATU Building) with the objective of familiarizing the attendees with the role of government schemes in promoting entrepreneurship and supporting the development of entrepreneurial ventures. The guest speaker for the event was [insert guest speaker name], a distinguished expert in the field of entrepreneurship and government policies.

**Event Summary:** The guest lecture commenced with a warm welcome to all attendees, followed by a brief introduction of the guest speaker. **Mr. Shrinivas Kulkarni** initiated the lecture by providing an overview of the significance of entrepreneurship in driving economic growth and societal development. The guest speaker then focused on the role of government schemes in supporting and nurturing entrepreneurial ventures.

**Key Points Discussed:**

1. Introduction to entrepreneurship: The guest speaker emphasized the importance of entrepreneurship as a catalyst for economic growth and job creation. Attendees gained insights into the characteristics and skills required to become successful entrepreneurs.
2. Government schemes for entrepreneurship: The lecture highlighted various government schemes and initiatives aimed at fostering entrepreneurship. The guest speaker discussed schemes such as startup incubators, venture capital funds, skill development programs, tax incentives, and financial assistance provided by government agencies. Attendees gained an understanding of the resources available to support their entrepreneurial aspirations.
3. Benefits of government schemes: The guest speaker discussed the benefits and advantages of utilizing government schemes for entrepreneurial ventures. Attendees learned about the financial support, mentorship opportunities, access to infrastructure, and networking platforms provided through these schemes. The speaker emphasized how government support can accelerate the growth and success of startups and small businesses.

4. Eligibility and application process: The lecture provided insights into the eligibility criteria and application process for government schemes. The guest speaker guided attendees through the steps involved in accessing government support, including registration requirements, documentation, and compliance with relevant regulations. Attendees gained a practical understanding of how to navigate the application process.
5. Success stories: The guest speaker shared inspiring success stories of entrepreneurs who have benefitted from government schemes. Attendees learned how these schemes have played a pivotal role in the growth and success of various startups and small businesses. The speaker highlighted the positive impact of government support on job creation and economic development.

**Q&A Session:** Following the presentation, an interactive question-and-answer session took place, allowing attendees to seek clarifications and delve deeper into the topic. The guest speaker addressed various queries raised by the audience, providing practical advice and sharing additional insights into entrepreneurship and government schemes.

**Conclusion:** The "Entrepreneurship and Development: Government Schemes" guest lecture proved to be an informative and empowering event, highlighting the role of government support in nurturing entrepreneurship and driving economic development. The knowledge shared by **Mr. Shrinivas Kulkarni** provided valuable insights into the available government schemes and how they can be leveraged to support entrepreneurial ventures. We are confident







Shri. Ashokrao Mane Shikshan Prasarak Mandal, Amh  
**Ashokrao Mane Group of Institutions**

Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur 416112  
0230-2407740/50/60 Fax: 0230-2407750 Visit us at [www.amgoi.org](http://www.amgoi.org)

**LEAD COLLEGE ACTIVITIES**

Programmes Approved & Sanctioned

Date: 24/08/2017

As per the recommendations of the working committee the following proposals were accepted and the details of the program and budget sanctioned are shown below.

Sr. No.	Department	Date	Name of Programme	Programme for	Sanctioned Amount in Rs.	Remark
1.	Civil Engineering	Month of November	Three days workshop on "optimization techniques for Applications in engineering"	P.G. Students & Faculty Members)	19,000/-	<i>MS</i>
2.	Mechanical Engineering	Sep.25-26. 2017	India in space, past, present & future and application of aerospace Materials	Students	22,000/-	<i>Abdulla</i>
3.	MBA	18/12/2017	Workshop on NLP based modern teaching method	UG Faculty	15,000/-	<i>Wast .. 24/08.</i>

*S. V. Sagavkar*  
Mrs.S.V.Sagavkar

Co-ordinator  
AMGOI, Vathar

Dr.K.Ravi

Director

*D. N. Madgal*  
Dr.D.N.Madgal  
Executive Director

## Workshop Schedule:

Day 1: (24<sup>th</sup> Nov. 2017)

Registration & Inauguration :	(9:00 am to 10:00 am)
Session I :	(10:00am to 11:00 pm) Opportunities and Resources for Research
Tea Break	(11.00 pm to 11.15 pm)
Session II :	(11:15 pm to 1:15pm) Fuzzy Logic: A Linguistic Optimization Tool
Lunch Break	(1:15 pm to 2:15pm)
Session III :	(2:15 pm to 4:15pm) Modern trends in optimization

Day 2: (25<sup>th</sup> Nov. 2017)

Tea	(9:45am to 10:00 am)
Session I:	(10:00am to 11.00am) Nature Inspired algorithms
Session II:	(11:15am to 1:15 pm) Case Study on Gear and Truss problems
Lunch Break	(1:15 pm to 2:15 pm)
Session III :	(2:15 pm to 3:30pm) Application of Design of Experiments in Engineering
Tea Break	(3:30 pm to 3:45 pm)
Valedictory	Valedictory Function (3:45 pm to 4.30 pm)

### ❖ Patrons ❖

Hon. Shri. Vijaysinh Mane  
President,  
Shri. Balasaheb Mane ShikshanPrasarak Mandal, Ambaj.

Hon. Shri. Vikasrao Mane  
Executive President,  
Shri. Balasaheb Mane ShikshanPrasarak Mandal, Ambaj.

Hon. Dr. D. N. Mudgal  
Executive Director,  
Shri. Balasaheb Mane ShikshanPrasarak Mandal, Ambaj.

Dr. S. K. Patil  
Head, Department of Civil Engineering.

### ❖ Resource Persons ❖

Dr. R. R. MUDHOLKAR, Shivaji University, Kolhapur.  
Dr. A. J. UMBARKAR, Asst. Prof., WCE, Sangli  
Dr. D. S. BADKAR, HOD, Mechanical Engg., AMGOI.  
Dr. S. K. PATIL, HOD, Civil Engg., AMGOI.  
Mr. P.P. PRABHU, Asst. Professor, AMGOI.

### ❖ Convener ❖

Mr. J. M. Shinde  
Assistant Professor,  
Department of Civil Engineering,  
Ashokrao Mane Group of Institution, Vathar.  
(Mob. 9096280944)  
(Email Id:jms@amgoi.edu.in)

### ❖ Organizing Committee ❖

- Mr. A. V. Karvekar
- Mr. K. R. Patil
- Mr. P. P. Prabhu
- Mr. S. A. Jangam
- Miss. S. S. Mane
- Miss. S. M. Name

Shri. Balasaheb Mane ShikshanPrasarak Mandal, Ambaj  
**Ashokrao Mane Group of Institutio**  
Vathar Tarf Vadgaon  
(NAAC Accreditation-'A' Grade)  
(ISO 9001:2008 Certified Institute)  
**Department of Civil Engineering**



**Two Days Workshop**

On

**"Optimization Techniques for  
Engineering Applications"**

(24<sup>th</sup> & 25<sup>th</sup> Nov. 2017)

Under

**Lead College Activity,  
Shivaji University, Kolhapur**



Ashokrao Mane Group of Insitutions,  
Vathar Tarf Vadgaon, Tal: Hatkanangale,  
Dist: Kolhapur - 416112.  
Maharashtra State, India.  
Phone: (0230) 2407740, 2407750,  
Fax : (0230) 2407750



## REGISTRATION FORM

FullName: \_\_\_\_\_

Designation: \_\_\_\_\_

Institute: \_\_\_\_\_

Mob.No. \_\_\_\_\_

Email: \_\_\_\_\_

The above said person is our part of our organization and we allow him/her for attending this Two Days Workshop.

Signature of Applicants

Signature of Authority  
with Seal

### About the Institute:

Ashokrao Mane Group of Institutions is one of the 'Rural-semi Urban-society centered and focused educational institute's group. When Ashokrao Mane dreamt of education, Shri Balasaheb Mane Shikshan Prasarak Mandal took its birth, with a holy intension bridging the gap between 'literate & illiterate'. Shikshan Prasarak Mandal's founder President Ashokrao Mane believed that, it is need of rural India to establish different educational Institutes. Accordingly, near about 30 various educational institutes are established for quenching the thirst of knowledge oriented people. The educational campus is located at Vathar tarf Vadgaon; Tal-Hatkanangale; Dist-Kolhapur. The campus is spread in about across 20 acres of lush greenery with well planed infrastructure. Ashokrao Mane Group of Institutions (Integrated Campus) was started in 2009 to promote Technical Education and Management studies in western part of Maharashtra State. The Integrated Campus offers education in engineering at pre graduation, graduation and post graduation level along with masters in Business Administration.

#### ➤ Vision of the institute:

To become a globally renowned institute of excellence in technology and management education for ruralcommunity

#### ➤ Mission of the institute:

- To achieve excellence in technical & management education through effective teaching learning process.
- To develop professionals having values of ethics, lifelong learning, team work & social responsibility.
- To inculcate research & development culture.
- To enhance industry- institute interaction.
- To empower the rural community.
- To implement outcome based education (OBE).

### About the Department:

Civil Engineering Department was established in 2009 Department is committed to focus on students overall development with keen effort of faculty & staff members.

Department with its excellent infrastructure, state to the art laboratories & computing facility is extending unlimited opportunity to students for developing to their full potential & abilities to make them a Good Engineer. Department of Civil Engineering is active by promoting students for curricular & Extra-curricular activities.

### Who can attend?

The teaching faculties of any Department Engineering college and P.G. Students.

- **Maximum Five teaching faculties per institute.**
- **No fees are applicable for lead college cluster under AMGOL.**
- **No TA/DA is applicable.**
- **Extra Participant will be charged Rs.300/-**
- **P.G. Students will be charged Rs. 200/-**
- **Two days attendance is compulsory.**

### What is the objective of workshop?

After the completion of this workshop, participants should be able to,

- To introduce the basics of Optimization Techniques.
- Apply **Optimization Techniques** as Genetic Algorithm (GA), Fuzzy logic, Sum of Squares (SOS) Techniques and Particle Swarm Optimization (PSO) Techniques to a research problem.



Code: EN6217  
MB :6217

Shri Balasaheb Mane ShikshanPrasarak Mandal,Ambap's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**  
Faculty of Engineering and Faculty of Management Studies (M.B.A.)

Approved by: AICTE, New Delhi No. F-No.MS (Newint) 2009/08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai.  
Affiliated to: Shivaji University, Kolhapur Estd. 2009

ISO 9001 : 2008 Certified / Accredited by NAAC with 'A' Grade

CO - CO6

Ref. NO.:-

Date: 27/11/2017

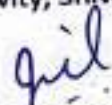
### CO-ORDINATOR'S REPORT

We have organized two days workshop on "Optimization Techniques for Engineering Applications" under Lead College Activity, Shivaji University, Kolhapur on 24<sup>th</sup> Nov. 2017 and 25<sup>th</sup> Nov. 2017 at Department of Civil Engineering for all branches of Engineering. This workshop was organized for Teaching faculties and P.G. students. The program organized for development and application of modern trends in optimization. Total 36 participants have registered their names for this workshop.

Dr. R. R. Mudholkar, Former Co-ordinator, Department of Electronics, Shivaji University was the Resource Person and Chief Guest of Inaugural function. Dr. Madhukar gave the brief information on Fuzzy Logic: A Linguistic Optimization Tool. Also has created the awareness of fuzzy logic for research work. Dr. S.K Patil, Head, Civil engineering department has delivered the lecture on an "Opportunities and Resources for Research". Mr. Prasad P. Prabhu, Asst. Prof., Civil engineering department, AMGOI, has given hands on demo on "Modern trends in optimization". He has solved the problems on optimization of engineering application.

Resource Person Dr. A. J. Umbarkar, Assistant Professor, Department of Information Technology, Walchand College of Engineering, Sangli has expressed their knowledge on "Nature Inspired algorithms". Also he has explained the case study of Gear and truss problem using Jaya/RR algorithm on modern techniques of optimization. Teaching faculties have understood optimization techniques and its importance for research in engineering. Dr. D. S. Badkar, Head, Mechanical Engineering department, has explain the Application of Design of Experiments in Engineering.

Last but not list, our Institute management, Executive Director, Head, Civil engineering department. Lead college Co-ordinator has shown their interest in this workshop and helped in all manners. As a Co-ordinator of this workshop organized by department of civil engineering under Lead College Activity, Shivaji University, Kolhapur, I hereby submit my report with information.

  
Co-ordinator,  
Mr. J. M. Shinde

**TWO DAY'S WORKSHOP ON "OPTIMIZATION TECHNIQUES FOR ENGINEERING APPLICATIONS"**  
Under Lead College Activity, Shivaji University, Kolhapur - ON - 24<sup>th</sup> & 25<sup>th</sup> Nov. 2017



**Inaugural Function by Dignitaries**



**Felicitation of Dr. R. R. Mudholkar by Dr. S. K. Patil**



**Expert Lecture by Mr. P.P. Prabhu**



**Felicitation of Dr. Anant Umbarkar by Dr. S. K. Patil**



**Audience present for workshop**



**Certificate Distribution to Participants**

**TWO DAY'S WORKSHOP ON "OPTIMIZATION TECHNIQUES FOR ENGINEERING APPLICATIONS"**  
Under Lead College Activity, Shivaji University, Kolhapur - ON - 24<sup>th</sup> & 25<sup>th</sup> Nov. 2017

ASHOK RAO MANE GROUP OF INSTITUTIONS

FACULTY OF ENGINEERING  
DEPARTMENT OF CIVIL ENGINEERING

Lead College under two day workshop on

Optimization Techniques for Engineering Applications

Date: - 24/11/2017 & 25/11/2017

Venue: -

AMGOI, Vathar

Sr. No.	Name of Faculty	Name of College	Email ID	Mobile No.	Signature
01	Mr. Kadam Rupesh R.	NMCE, Peth	kadamrupesh93@gmail.com	9921630339	
02	Shrivallabh Chavan	SETI, Panhala	shri858@gmail.com	9765484214	
03	Aniket A. Mane	NMCE, Peth	aniketm2208@gmcl.com	8888086486	
04	Mrs. Roopa R. Gaur	NMCE, Peth	sachoti roopa@gmail.com	9766318180	
05	Mr. Vishwajeet R. Shirje	NMCE, Peth	vishwajeet1989@gmail.com	8600389473	
06	Mr. Pritam D. Desai	NMCE, Peth	pritamdesai@gmail.com	9028489698	
07	Mr. Sarvajeet A. Bhosale	AMGOI, Vathar	sab@amgoi.edu.in	9755900244	
08	Prof. R.V. Kajave	TKIET, Warananagar	mkajave@tkietwarana.org	9860271467	
09	Prof. A.R. Chougale	TKIET, Warananagar	archougale@tkietwarana.org	9637909805	
10	Prof. R. B. Patil	—————	ranjil.patil@tkietwarana.org	9970687373	

List of


Sr No.	Name	College	Mail ID	Mobile	
11	P. B. Kolekar	TKIET, Warana.	pbkolekar@tkietwarana.org	9028216490	
12	A. V. Hankare	TKI	avhankare@tkietwarana.org	9096979794	
13	N. B. Patil	DTC, Talsande	patil.nilesh21@rediffmail.com	9860892100	
14	A. R. Patane	DTC, Jaisande	arpatane1992@gmail.com	9021648374	
15	C. S. Panshetki	DTC Talsande	chetan4050@gmail.com	8421638182	
16	A. R. Shinde	DTC Talsande	abhinar10shinde@gmail.com	9130849615	
17	D. S. Shinde	AMGOT, Vadkar	itisdeepak02@gmail.com	9975546396	
18	P. L. Charan	AMGOT, Vadkar	prakash204@gmail.com	7387473539	
19	M. A. Saraike	AMGOT, Vadkar	m.hay@angsi.edu.in	8851007082	
20	Z. M. Patil	AMGOT, Vadkar	zmp@angsi.edu.in	9579984957	
21	Sunita Vari	AMGOT, Vadkar	sunitavari@gmail.com	9170230530	
22	A. N. Naik	SETI, Panhala	abhijeet.naik@seti.edu.in	9049736797	
23	/saiika s patil	AMGOT, Vadkar	psaikakal@gmail.com	7588167705	

	Name	College	Email ID	Mobile No.	Sign.
24	Mr. Kiran R. Patil	AMGOJ, Vathar	knp@amgoi.edu.in	9604501811	
25	Mr. Arvind V. Karvekar	— u —	avk@amgoi.edu.in	9422518905	
26	Mr. Sachin K. Patil	— k —	skp@amgoi.edu.in		
27	Mr. Prasad P. Prabhu	— u —	PPP@amgoi.edu.in	9960536799	
28	Ms. Swati S. Mane	— e —	ssm@amgoi.edu.in	9922376760	
29	MS. Sangmitra M. Name	— u —	smn@amgoi.edu.in	9860059787	
30	Mr. Saurabh A. Jangam	— u —	saj@amgoi.edu.in	9422380715	
31	Mr. Jayant A. Patil	— u —	JAP@amgoi.edu.in	7337916616	
32	Mr. Ganesh N. Chavanpatil	— u —	gnc@amgoi.edu.in	9423302565	
33	Mr. Shital S. Chokakkar	— u —	ssc@amgoi.edu.in	9870757171	
34	Mr. Surendra K. Ghodhari	— u —	ske@amgoi.edu.in	8149701868	
35	Mr. Satyajeet B. Patil	— e —	sbpatil/ sbp@amgoi.edu.in	9581144938	



Sri Balasaheb Mane Shikshan Prasarak Mandal, Ambap  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**  
**FACULTY OF ENGINEERING**  
**DEPARTMENT OF CIVIL ENGINEERING**

Lead College under two day workshop on  
**Date: - 24/11/2017 & 25/11/2017      Optimization Techniques for Engineering Applications      Venue: - AMGOI, Vathar**

Sr. No.	Name of Student Faculty	Name of College	Email ID	Mobile No.	Signature
36	Prakash - Laxmm. chavay	AMGOI - Degruze	prakash264@gmail.com	7387473539	

67  
gil  
Moshinde



# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- Prof. P. B. Kalekar.

Name of the Lead College:- TKIET, Warananagar.

Faculty:- Civil Engg.

Name of the Program:-

- A) Your observations about program organized by your College under lead College Scheme

1	Very Good	<input checked="" type="checkbox"/>
2	Good	<input type="checkbox"/>
3	Satisfactory	<input type="checkbox"/>
4	Not Satisfactory	<input type="checkbox"/>

- B) Whether you have benefited by the program?

Yes

No

- C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	New information received	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Scope for artistic skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	Development of research attitude	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	Improvement in communication skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	6Helful in personality development	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Other benefits: - Integrest creation in mathematics

- D) What type of programs Institute/College would have to organize in future:- similar with sepearte subjects



# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- D.Y. Patil Technical Campus, Talasande.

Name of the Lead College:- AMGOI, Vathar.

Faculty:- Mr. A. B. Payshetti.

Name of the Program:-

- A) Your observations about program organized by your College under lead College Scheme

1	Very Good	✓
2	Good	
3	Satisfactory	
4	Not Satisfactory	

- B) Whether you have benefited by the program?

Yes

No

- C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	✓	
2	New information received	✓	
3	Scope for artistic skills	✓	
4	Development of research attitude	✓	
5	Improvement in communication skills	✓	
6	Helpful in personality development	✓	

Other benefits: - For future improvement it is excellent.

-----

- D) What type of programs Institute/College would have to organize in future:-

For Faculty Development Program.

# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- *Dr. Daulatrao Aher college of Engg. Koriand*  
Name of the Lead College:- *Ashokrao Mane Group of Institute, wathar*  
Faculty:- *Mr. V.P. Kumbhar*  
Name of the Program:- *Optimization Techniques for Engg. Applications*

A) Your observations about program organized by your College under lead College Scheme

1	Very Good	
2	Good	<input checked="" type="checkbox"/>
3	Satisfactory	
4	Not Satisfactory	

B) Whether you have benefited by the program?

Yes  No

C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	<input checked="" type="checkbox"/>	
2	New information received	<input checked="" type="checkbox"/>	
3	Scope for artistic skills		
4	Development of research attitude		
5	Improvement in communication skills		
6	6Helful in personality development		

Other benefits: - *Interact with faculties*

D) What type of programs Institute/College would have to organize in future:- *optimization software hands on workshop*  
*like - Mat lab*

# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR

### Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- NMCE, Peth

Name of the Lead College:- AMGOI, Vathaz

Faculty:- Mr. Kadam Rupesh R.

Name of the Program:-

- A) Your observations about program organized by your College under lead College Scheme

1	Very Good	✓
2	Good	
3	Satisfactory	
4	Not Satisfactory	

- B) Whether you have benefited by the program?

Yes ✓

No

- C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	✓	
2	New information received	✓	
3	Scope for artistic skills	✓	
4	Development of research attitude	✓	
5	Improvement in communication skills	✓	
6	6Helful in personality development	✓	

Other benefits: - Presentation skill, able to solve optimization problems with ease. ✓

- D) What type of programs Institute/College would have to organize in future:- current affairs in construction industry

# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- Dr. Dgularao Aher College of Engg. Karad  
Name of the Lead College:- Ashulerao mang Group of Institution Vathar  
Faculty:- Mr. Sudam Prakash Chavan  
Name of the Program:- Optimization Techniques for Engg. Application  
A) Your observations about program organized by your College under  
lead College Scheme

1	Very Good	
2	Good	✓
3	Satisfactory	
4	Not Satisfactory	

B) Whether you have benefited by the program?

Yes ✓

No

C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	✓	
2	New information received	✓	
3	Scope for artistic skills	✓	
4	Development of research attitude		
5	Improvement in communication skills		
6	6Helful in personality development		

Other benefits: - Introducing new Subject  
and new facilities

D) What type of programs Institute/College would have to organize  
in future:-

Software based programmes.

# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- AMGOI, Vathar.

Name of the Lead College:- AMGOI, Vathar.

Faculty:- Prashant M. Pahl. (Student PG)

Name of the Program:- optimization techniques in Engg. Applications

A) Your observations about program organized by your College under lead College Scheme

1	Very Good	✓
2	Good	
3	Satisfactory	
4	Not Satisfactory	

B) Whether you have benefited by the program?

Yes ✓

No

C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	✓	
2	New information received	✓	
3	Scope for artistic skills	✓	
4	Development of research attitude	✓	
5	Improvement in communication skills	✓	
6	6Helfful in personality development	✓	

Other benefits: - To improve knowledge about the optimization techniques of civil applications.

D) What type of programs Institute/College would have to organize in future:- CM software workshop to PG students as well as UG students

# FEEDBACK FORM

## SHIVAJI UNIVERSITY KOLHAPUR Feedback Form for Student/Teaching/Non-Teaching staff only

Name of the College:- NMCE, Peth.

Name of the Lead College:- AMGOI, Vathar

Faculty:- Mr. Aniket A. Mane

Name of the Program:- optimization Techniques For Engg. Apps.

A) Your observations about program organized by your College under lead College Scheme

1	Very Good	✓
2	Good	
3	Satisfactory	
4	Not Satisfactory	

B) Whether you have benefited by the program?

Yes

~~No~~

C) Form the following, in which you have benefited by the program

		Yes	No
1	Knowledge up gradation	✓	
2	New information received	✓	
3	Scope for artistic skills	✓	
4	Development of research attitude	✓	
5	Improvement in communication skills	✓	
6	6Helful in personality development	✓	

Other benefits: - Program has been conducted on the novel

subject which also helps case study & problem forma-  
tion for the research work & paper publications.

D) What type of programs Institute/College would have to organize in future:- The novel subject and techniques for  
engineering applications.



# Ashokrao Mane Group of Institutions

Vathar Tarf Vadgaon, Tal- Hatkanangale, Dist- Kolhapur 416112

☎ 0230-2407740/50/60 Visit us at [www.amgoi.org](http://www.amgoi.org)

**Department of Civil Engineering**

**Lead College Activity**

**(SHIVAJI UNIVERSITY, KOLAHPUR)**



## ~ Certificate ~

*This is to certify that Mr. Kiran Ravikant Patil*

*of AMGOI, Vathar*

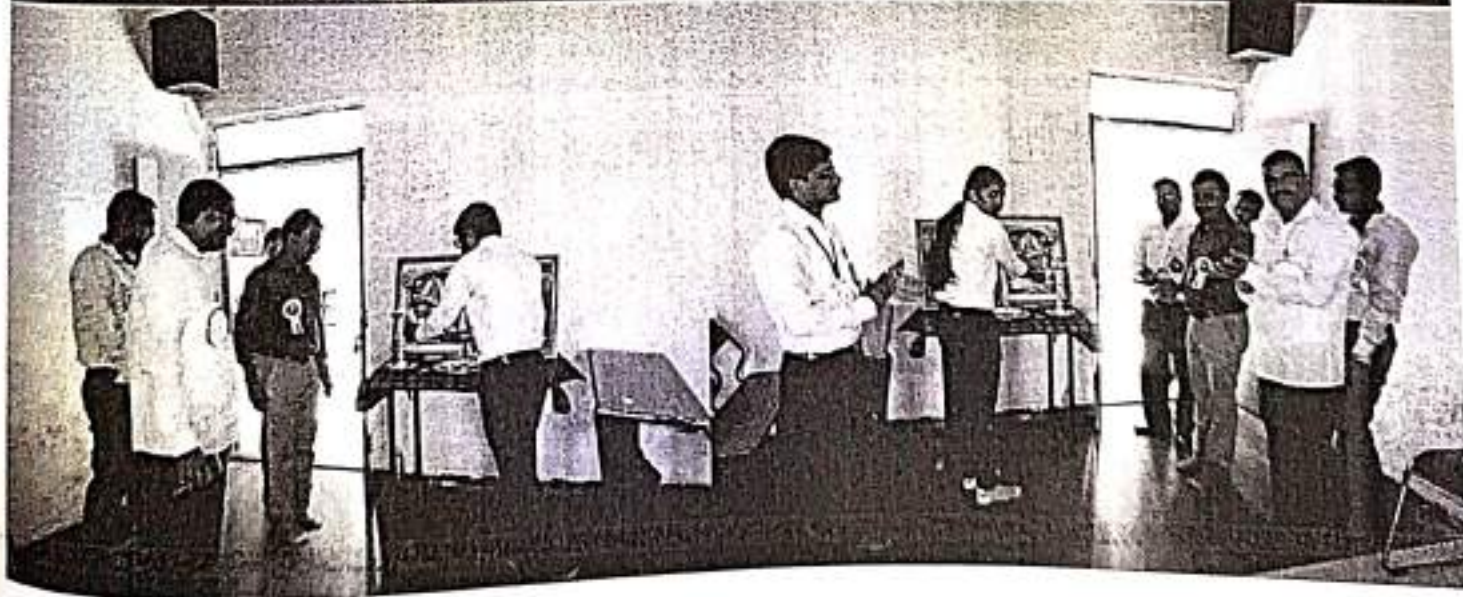
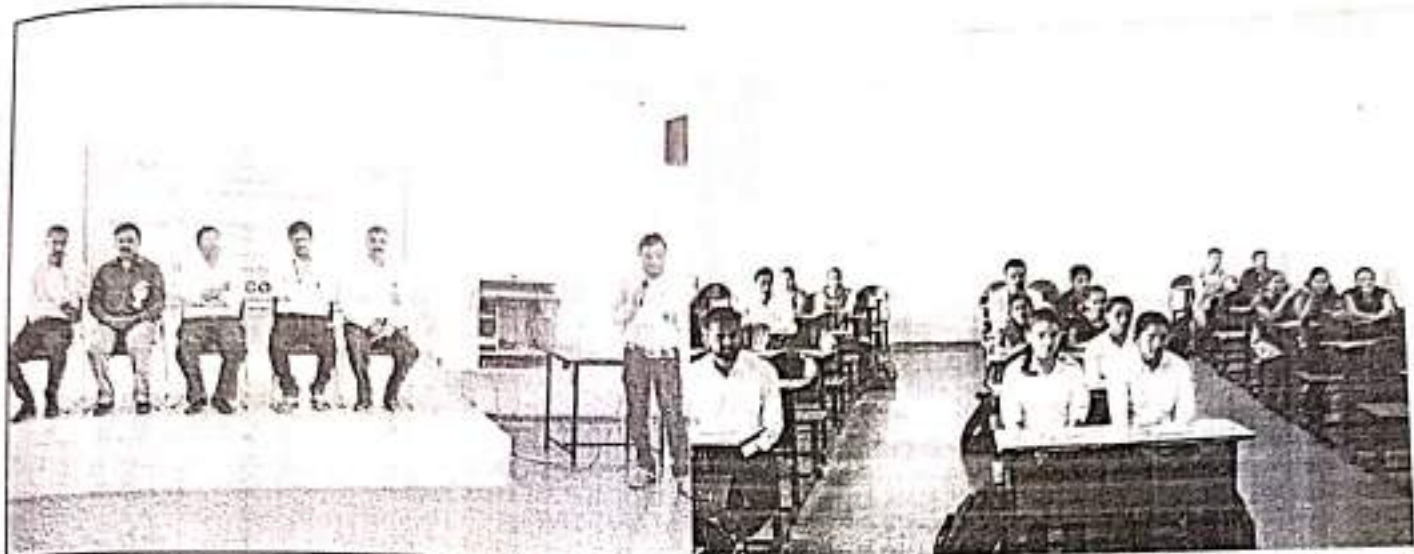
*has participated and successfully completed the two days workshop on "Optimization Techniques For Enginnering Applications" organized by Department of Civil Engineering, Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, under the Lead College Activity of Shivaji Uiniversity, Kolhapur on 24<sup>th</sup> & 25<sup>th</sup> Nov. 2017*

**Mr. J. M. Shinde**  
Convener

**Mrs. S. V. Sagavkar**  
Coordinator  
Lead College

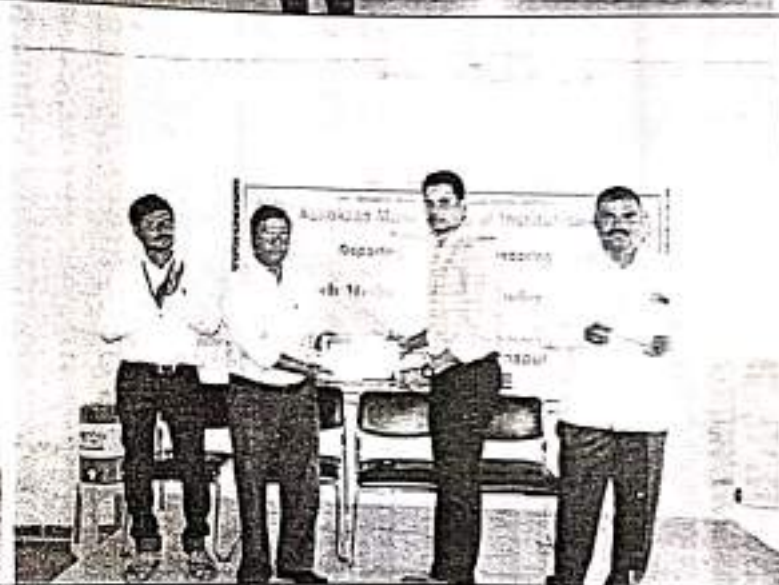
**Dr. S. K. Patil**  
Head, Dept. of  
Civil Engg.

**Dr. D. N. Mudgal**  
Executive Director



One Day workshop on "Research Methodology for Undergraduates" on 30/11/2017 under Research Sensitization Scheme of Shivaji University, Kolhapur.





One Day workshop on "Research Methodology for Undergraduates" on 30/11/2017 under Research Sensitization Scheme of Shivaji University, Kolhapur.



Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**  
 Faculty of Engineering and Faculty of Management Studies (M.B.A.)

Approved by: AICTE, New Delhi No. F- No.M5 (Newint) 2009/08, Higher & Technical Education Department, Govt. of Maharashtra, Directorate of Technical Education, Mumbai.

Affiliated to: Shivaji University, Kolhapur  Estd. 2009

**Accredited by NAAC with 'A' Grade** / ISO 9001: 2008 Certified

Ref.No: - AMGOI/Lead college/1118/2017-18

Date- 28/11/2017

To,  
 Dr. S. K. Patil  
 Head,  
 Department of Civil Engineering,  
 AMGOI, Vathar.



Dear Sir,

On behalf of Ashokrao Mane Group of Institutions, Vathar tarf Vadgaon, we would like to thank you for your informative presentation on "Effective Drafting of Project Report" at the workshop on "Research Methodology for Undergraduates" under Research Sensitization Scheme of Shivaji University, Kolhapur on 30<sup>th</sup> Nov. 2017.

With warm regards,

*D. Patil*  
 Director

Received  
*MS*

Shri Balasaheb . . . ne Shikshan Prasarak Mandal, . . . bap's

# Ashokrao Mane Group of Institutions

Vathar Tarf Vadgaon, Tal- Hatkanangale, Dist- Kolhapur 416112

☎ 0230-2407740/50/60 Visit us at [www.amgoi.org](http://www.amgoi.org)

**Department of Civil Engineering**

Research Sensitization Scheme


(SHIVAJI UNIVERSITY, KOLAHPUR)

## ~ Certificate ~

*This is to certify that \_\_\_\_\_  
of \_\_\_\_\_ college  
has participated and successfully completed the one days workshop on "Research Methodology  
for undergraduates" organized by Department of Civil Engineering, Ashokrao Mane Group of  
Institutions, Vathar tarf Vadgaon, under the Research Sensitization Scheme of Shivaji University,  
Kolhapur on 30<sup>th</sup> nov. 2017*

Mr. A. V. Karvekar  
Coordinator

Dr. S. K. Patil  
Head, Dept. of Civil Engg.

  
Dr. D. N. Mudgal  
Executive Director



Shri Balasaheb Mane Shiksha Prasarak Mandal, Ambap's  
**Ashokrao Mane Group of Institutions**  
Vathar Tarf Vadgaon, Tal: Hatkanangle, Dist: Kolhapur 416112  
**Department of Electronics & Telecommunication Engineering**

**Two days workshop on "Microprocessor and Microcontroller Interfacing"**

Two days workshop on Microprocessor and microcontroller was organized by Department of E&TC for third year student on 21<sup>st</sup> and 22<sup>nd</sup> March 2018. Mr. Pradeep Bhendwade and Mr. P. B. Desai were the experts. Mr. S. A. Bhosale was Coordinator



Prof. P. S. Bhendwade conducting the session



श्री. अशोकराव माने शिक्षण प्रामाण्य मंडळ, अहमदनगर

## Ashokrao Mane Group of Institutions

वेलूर टाँड वडपूर, ता. धोकामुंगी, जि. अहमदनगर ४१४११२

Department of Electronics & Telecommunication Engineering



Prof. P. B. Desai conducting the session

**A**  
**REPORT ON**  
**Two Days Workshop on**  
**“Hands-On Tanning on Texas Instrument MSP430**  
**Microcontroller & Industrial Applications”**  
**(16<sup>th</sup> & 17<sup>th</sup> March, 2018)**

**Organized by:**  
**Industry Institute Interaction & Skill Lab**  
**Department of Electronics & Telecommunication Engineering**

**Under:**  
**Lead College Activity, Shivaji University, Kolhapur**



**Ashokrao Mane Group of Institutions**

**Vathar Tarf Vadgaon**

- NACC 'A' Grade Accredited Institution. • ISO 9001:2008 Certified Institution

Tal :Hatkanangale, Dist: Kolhapur - 416112.

Phone : (0230) 2407740, 2407750, 2407760

Fax :(0230) 2407750

Website: [www.amgoi.org](http://www.amgoi.org)

## **REPORT ON TWO DAYS WORKSHOP ON HANDS-ON TANNING ON TEXAS INSTRUMENT MSP430 MICROCONTROLLER & INDUSTRIAL APPLICATIONS**

Industry and Institute Interaction Lab of E&TC Department at Ashokrao Mane Group of Institutions, Vathar, has successfully conducted Two days workshop on Hands-On Tanning on Texas Instrument MSP430 Microcontroller & Industrial Applications on **16<sup>th</sup> & 17<sup>th</sup> March 2018**, Under Lead College Activity, Shivaji University, Kolhapur. The program served as a highly intense and rigorous training for participants in the domain of Embedded System, especially employing convergent platforms of MSP430 Microcontroller. The program emphasized on, practical sessions with the Energia open source software with hardware interfacing includes different hardware modules and creating a project.

### **The objectives behind this workshop is as follows**

- To know about embedded systems and hands on practical experience on MSP430 Microcontroller
- To create awareness of Low power MCU MSP430 from Texas Instruments for the development of embedded system.
- To enhance skill related to the industry institute interaction

### **Following topics are covered during workshop**

- Introduction to Embedded System
- Creating a project in Energia
- Introduction to MSP430 platform
- Creating a project in Energia IDE
- Interfacing of LED,LCD
- Interfacing of temperature sensor
- Interfacing serial port

Number of participants registered: 34

The expert faculties delivered Sessions are as follows:

1. **Dr. S.A.Patil.** Professor & Head, E&TC Engg. Dept. DKTE, Ichalkaranji,
2. **Prof. P.B.Desai.** Asst. Professor (ETC), Ashokrao Mane Group of Institutions, Vathar.
3. **Prof. P.S.Bhendwade.** Asst. Professor (ETC), Ashokrao Mane Group of Institutions, Vathar.

The valedictory function is completed in Classroom SR-04 followed by Certificate distribution in the presence of Prof. V.A.Kulkarni (Dean Administrator), Prof. P.B.Ghewari (H.O.D.,ETC), Dr. M. Sankar , Prof. P.B.Desai (PG coordinator E&TC),Mrs. S.V.Sagavkar, Prof. P.S.Bhendwade and all staff of E&TC department.

*Prepared By,*

*Prof. P. B. Desai*

*Prof. P. S. Bhendwade*



### REGISTRATION FORM

#### Two Days Workshop On "Hands-On Training on Texas Instrument MSP430 Microcontroller & Industrial Applications"

1. Name: Mr./Mrs. \_\_\_\_\_

2. Department: \_\_\_\_\_

3. Organization: \_\_\_\_\_

4. Qualification: \_\_\_\_\_

5. Address: \_\_\_\_\_

6. Mobile No: \_\_\_\_\_

7. E-mail: \_\_\_\_\_

8. Details of registration fee:  
Amount: \_\_\_\_\_ CD No.: \_\_\_\_\_

bank a/c no: \_\_\_\_\_

date: \_\_\_\_\_

Signature of Applicant

#### Permission Letter

Mr./Mrs./Ms. \_\_\_\_\_ of \_\_\_\_\_

Institute/College is permitted to attend Two Days workshop on "Hands-On Training on Texas Instrument MSP430 Microcontroller & Industrial Applications" to be held on 16<sup>th</sup> to 17<sup>th</sup> March 2018.

Date: \_\_\_\_\_

Signature of Authority with seal

#### CHIEF PATRONS

Hon. Shri Vijaysinh More  
President, BMSPM, Ambap's

Hon. Shri Vikarao Mane  
Executive President, BMSPM/Ambap's

#### PATRONS

Dr. D. N. Mudgal  
Director, AMGOI, Vathar

#### ADVISORY COMMITTEE

Dr. M. Inayawar amben  
Vice Principal, AMGOI Vathar  
Dr. A. A. Miraj  
Dean, Academics  
Prof. V. A. Kulkarni  
Dean Administration  
Prof. P. S. Ghewari  
Convener & H.O.D.

#### COORDINATORS

Prof. P. B. Desai  
(9420495127)

#### CO-COORDINATORS

Prof. P. S. Bhendwade  
(9960752420)

Prof. S. A. Bhosale  
(9800124950)

#### ORGANISING COMMITTEE

Prof. P. D. Patil      Dr. M. Shankar  
Prof. Seema Patil      Prof. L. J. Mulani  
Prof. S. V. Sagavkar      Prof. Sarika Patil  
Prof. A. B. Kale



#### Two Days Workshop On "Hands-On Training on Texas Instrument MSP430 Microcontroller & Industrial Applications" (16<sup>th</sup> to 17<sup>th</sup> March 2018)

Organized by:  
Industry Institute Interaction & Skill Lab  
Department of Electronics &  
Telecommunication Engineering

Under  
Lead College Activity,  
Shriya University, Kolhapur



#### Ashokrao Mane Group of Institutions

Vathar Taluk Vadgaon,  
MAAC Accredited Institute - 410 100-200 (Vadgaon) Kolhapur - 416 112.  
Mobile : (0203) 2407740, 240 7750, 2407748  
Fax : (0203) 2407744  
Website: www.ashokrao.com

#### ABOUT THE INSTITUTE

Ashokrao Mane Group of Institutions is one of the rural-semi Urban-society centered and focused MAAC Accredited Institute. When Ashokrao Mane dreamt of education, Shri Balasaheb Mane Shikshan Prasarak Mandal took its birth, with a holy mission bridging the gap between 'Rote' & 'Elite'. Our founder-President Ashokrao Mane believed that, it is need of rural India to establish different educational Institutes. Accordingly, near about 30 various educational institutes are established for quenching the thirst of knowledge oriented people. The educational campus is located at Vathar Taluk Vadgaon, Tal-Hatkanangale, Dist-Kolhapur. The campus is spreaded across 20 acres of lush greenery with well-planned infrastructure.

#### ABOUT THE DEPARTMENT

The department of Electronics & Telecommunication Engineering is established in the year 2009 with intake 60. The department has fully fledged with the state of art laboratories and has a team of highly qualified, dedicated and experienced faculties. The department gives exposure to students, not only in regular engineering curriculum, but also strives to inculcate a professional attitude in them. The project which is an important part of their curriculum, not only gives them a chance to understand and explore their area of interest, but also to enhance their practical skills as demanded by the present industry. The faculty takes initiative to develop new teaching & learning methods by using latest modern teaching aids. The department has 08 laboratories for P.G. The department has established Ishwari Academy in association with National Instruments, USA.

#### ABOUT THE WORKSHOP

##### Objectives

- To know about embedded systems and hands on practical experience on MSP430 Microcontroller
- MSP430 programming workshop, which is the Low power MCU from Texas Instruments and are used widely embedded.
- Program will enhance skill related to the industry institute interaction

##### Program Topics

- Introduction to Embedded Systems
- Creating a project in Energia
- Introduction to MSP430 platform
- Creating a project in Energia IDE
- Interfacing of LED/LCD
- Interfacing of temperature sensor
- Interfacing serial port

##### RESOURCE PERSONS

- Dr.S.A.Patil – ECE, Ichalkaranji
- Prof. P. B. Desai – AMGOI, Vathar
- Prof. P. S. Bhendwade – AMGOI, Vathar

##### REGISTRATION

Participants shall submit the duly filled application form either by post / in person to the course coordinator. The course fees should be paid by DD in the name of "The Director, AMGOI" payable at Vadgaon.

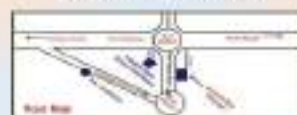
The registration fee includes registration kit, High Tea and Working Lunch.

#### REGISTRATION FEES

Within Cluster:	Free
Students (Outside Cluster):	Rs. 500

Participants are requested to bring their Laptop if available.  
Last Date of receiving duly filled Registration Form with Registration fees is 14<sup>th</sup> March 2018

#### HOW TO REACH INSTITUTE



#### Ashokrao Mane Group of Institutions

Vathar Taluk Vadgaon,  
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Website: www.ashokrao.com



Dr.S.A.Patil during lecture on "Embedded C" on 16<sup>th</sup> March, 2018



Prof.P.B.Desai during lecture on "MSP430" on 17<sup>th</sup> February, 2016



Visit of Hon. Director and other guests at workshop during Hands on session



Participants enjoying Hands on session during Workshop



Ms. Uma Pujari (Participant) giving feedback during valedictory function



Staff and Participants at workshop during valedictory function



Shri Balasaheb Mane Shikshan Prasarak Mandal Ambap's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**

NAAC 'A' Grade Accredited, ISO9001-2008 Certified Institute  
Vathar Tarf Vadgaon, Tal: Hatkanangale, Dist: Kolhapur-416112



## *Certificate*

This is to certify that, Mr/Ms : .....  
of college ..... has participated in Two Days workshop  
on “ **Hand - On Training on Texas Instrument MSP430 Microcontroller & Industrial  
Applications**” organized by Department of Electronics & Telecommunication Engineering  
under lead college activity, Shivaji University, Kolhapur on 16<sup>th</sup> & 17<sup>th</sup> March 2018.

**Prof. P. B. Desai**  
Co-ordinator

**Prof. P. B. Ghewari**  
Convener & H.O.D.

**Dr. D. N. Mudgal**  
Director