

2020

News Letter and Technical Magazine

Department of Civil Engineering

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Shri Balasahb Mane Shikshan Prasarak Mandal's Ashokrao Mane Group of Institution is established in 2009 to promote quality technical education and managerial skills for rural community. We have 5 undergraduate B.Tech Programs, 5 Postgraduate M.Tech Programs, and one MBA program. Around 3000 plus students are pursuing their higher education in an integrated campus which is spread over 20 acres of land surrounding green environment. Institute is accredited by NAAC with A grade. Our three programs Civil Engineering, Electrical Engineering and Mechanical Engineering are accredited by NBA. Institute has received many more prestigious awards like; Best Engineering College in Western zone Award by ABP news, Maharashtra State Engineering Design National Award and Emerging Institute Engineering Award by ISTE New Delhi etc. Institute is permanently affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (DBATU). DBATU is only one kind of State Technical University established by Government of Maharashtra. The curriculum of DBATU is designed as per the current requirements of Industry which helps us to produce industry ready quality engineers. Along with curriculum we are providing modern facilities to students like Add-on certificate courses, automation and robotic cell, ICT center, yoga and meditation club, strong and committed training and placement cell etc.

I am proud to say that the entire team is on absolutely right track with tremendous efforts towards adding value to whatever quality students it has obtained via standard procedure. I am confident that the dedicated faculty, disciplined staff, hard working students and the enlightened management of Institutions are progressing, inch by inch, in the right direction to build an academic institution of great social impact. Let us all work hard today to enjoy the fruits of a prosperous tomorrow.

Prof. P. B. Ghewari
I/C Director



Civil engineering is deemed to be the oldest and most respected discipline of all engineering fields. Civil engineers design, build, and manage the infrastructure of civilization, which includes buildings, bridges, highways, water supply systems, and other public works. These services are the cornerstone of the discipline, although no longer the limiting scope. The civil and environmental engineering programs include structural engineering, structural mechanics, geotechnical engineering, earthquake engineering, hydrology and water resources engineering, and environmental engineering.

Civil Engineering Department was established in 2009 with intake of 60 students. The department is offering two programs for students of undergraduate and post-graduation via. Civil Engineering and Construction Management respectively. The programs are approved by All India Council for Technical Education, New Delhi, Directorate of Technical Education, Mumbai and affiliated to Shivaji University, Kolhapur and Dr. Babasaheb Ambedkar Technological University, Lonere.




The noteworthy remark about the department is that "Civil Engineering program is NBA accredited". The institute is NAAC Accredited with 'A' grade with CGPA 3.08 and has acquired ISO 9001-2008 certificate.

The Department with its excellent infrastructure, state of the art laboratories and computing facilities is providing unlimited opportunity to the students for enhancing their potential & abilities. The department also extends services to the societal and industrial needs through consultancy. The department has fine blend of experienced and young dynamic faculty members having expertise of various domains in civil engineering. The civil engineering students are encouraged to organize and participate in various curricular and co-curricular activities through Civil Engineering Students Association (CESA).

Prof. J. M. Shinde
HOD
Civil Engineering Department

DEPARTMENTAL TOPPERS A.Y. 2019-20

Sr. No.	Class	Name of Student	Marks/Grade	Photo
1	SY Civil	Jadhav Rushikesh Bajirao	9.23	
2	SY Civil	Patil Pooja Sharad	9.17	
3	SY Civil	Patil Sakshi Kumar	9.07	
5	TY Civil	Vibhute Prathmesh Gundu	9.05	
6	TY Civil	Shinde Vaishnavi Suresh	8.75	
7	TY Civil	Mali Snehal Rajendra	8.70	

8	BE Civil	Kudalkar Aditya Mukund	86.25%	
9	BE Civil	Mankar Kalpesh Shivaji	84.00%	
10	BE Civil	Desai Namrata Sanjay	83.50%	

STAFF PUBLICATIONS

Name of Faculty	Title of Paper	Journal/Conference	Title of Journal/Conference	National/International	ISSN No & Volume	Year of Publish
Dr. D. N. Mudgal	“A Review of Developing Modified Trust Inventory for Risk Management”	Journal	International Research Journal of Engineering and Technology (IRJET)	International	ISSN: 2395-0056 Volume : 06 Issue: 06	June 2019
Dr. D. N. Mudgal	Developing Modified Trust Inventory For Risk Management In Small Scale In Within Kolhapur District	Journal	International Research Journal of Engineering and Technology (IRJET)	International	ISSN: 2395-0056 Volume:06 06 Issue: 07	July 2019
Dr. D. N. Mudgal	Quantify the different constraints for delays in infrastructure Construction project work and recommendin g corrective measures for same.	Journal	International Research Journal of Engineering and Technology (IRJET)	International	ISSN: 2395-0056 Volume:06 06 Issue: 07	July 2019
Dr. L. S. Pammar	Analytical Study of Natural Light and Ventilation in Admistrative	Journal	International Journal of Trend in Scientific Research and Development (IJTSRD)	International	ISSN: 2456 – 6470 Volume: 3 Issue: 4	May-Ju n 2019

	Building of PCNTDA, Pune Region					
Mr. S. B. Patil	An investigation of factors causing Rework in Construction Projects in Hadpsar	Journal	Journal of civil Engg & Environmental technology	National	ISSN2349-8404 , VOL. 6 , ISSUE -2—p p-109- 111	April June 2019
Mr. S. B. Patil	An investigation of factors affecting on effective lean material management for Kolhapur city	Journal	Journal of civil Engg & Environmental technology	National	ISSN2349-8404 , VOL 6 , ISSUE- 2 p p112-115	April June 2019
Mr. S. B. Patil	A Study Of Factors Affecting On Labour Productivity For Precast Fly Over Bridge Construction And Recommendation For Improvement	Journal	JETIR Journal of Emerging Technologies and Innovative Research	International	ISSN-2349-5162, Volume 6, Issue 6	June 2019,
Mr. A. V. Karvekar	An investigation of JIT(Just-In-Time) approach in inventory control of construction industry	Journal	JETIR, Journal of Emerging Technologies and Innovative Research	International	ISSN-2349-5162, Volume 6, Issue 6	June 2019
Miss S. S. Mane	Effect of HVO and Grease on Stability of Bitumen Mix	Journal	International Research Journal of Engineering and Technology	International	ISSN-2375-0072,Vol 7, Issue 5	May 2020

ACIVITIES BY DEPARTMENT

Sr. No.	Activity	Guest / Resource Person	Participation	Date	Organized Under
1	"ICT Awareness Program" for faculties	Prof. S. B. Patil	All Faculties	04/01/2020	Civil Engg. Dept.
2	Field Visit to "FORMWORK" at Ashokrao Mane Medical College.	Prof. J.M. Shinde	BE Civil	15/01/2020	Civil Engg. Dept.
3	Guest lecture "CAREER GUIDANCE"	Mr. Ganesh Jadhav	BE Civil	15/01/2020	CESA
4	Field Visit to "SUPERSTRUCTRE" at Ashokrao Mane Medical College.	Prof. J.M. Shinde	SY Civil	16/01/2020	Civil Engg. Dept.
5	Celebration of "Youth Day", Visit to Book Exhibition	Prof. J.M. Shinde	SY Civil	16/01/2020	CESA
6	"ICT Awareness Program" for students	Prof. S. B. Patil	SY Civil Students	20/01/2020	Civil Engg. Dept.
7	"ICT Awareness Program" for students	Prof. S. B. Patil	TY Civil Students	21/01/2020	Civil Engg. Dept.
8	Guest lecture "Opportunities in Civil Engineering"	Mr. Ganesh Jadhav	TY Civil Students	22/01/2020	CESA
9	Add on Course on "3D max Software"	Mr. Riyaz Pendhari, CEO, PolyEdge Consultancy, Kolhapur.	BE Civil Students	19/01/2020 & 25/01/2020	CESA
11	Group Discussion Competition Activity	By Prof G. N. Chavan-Patil	BE Civil Students	23/01/2020	Civil Engg. Dept.
12	Group Discussion Competition Activity	By Prof G. N. Chavan-Patil	TY Civil Students	23/01/2020	Civil Engg. Dept.
13	Group Discussion Competition Activity	By Prof G. N. Chavan-Patil	SY Civil Students	20/01/2020	Civil Engg. Dept.

14	Field Visit to K.T. Weir at Shigaon & Visit to NIRMITI Expo, Exhibition, Ashta	Prof. A. V. Karvekar Prof. S. B. Patil	SY Civil Students	24/01/2020	Civil Engg. Dept
15	GATE Mock test	Prof. S. V. Shah	BE Civil	05/02/2020	Civil Engg. Dept
16	Field visit to dam and bridge Arjuna at paschal	Prof. J. M. Shinde.	BE. Civil	16,17/02/2020	Civil Engg. Dept
17	Career oppoportinting	Mr. Raj Vechare. Mr. Vinayak patil	SY, TY Civil	17/02/2020	Civil Engg. Dept
18	Thoughts of chatrapati shivaji maharaj	Mr. Vishal Khot	SY, TY, BE Civil	18/02/2020	Civil Engg. Dept
19	Calebration of Shiv Jayanti	Prof. G. N. Chavan patil	SY, TY, BE Civil	19/02/2020	Civil Engg.
20	IOT in civil Engg.	Mr. Amol patil. Mr. Sachin patange Archer infratech pune	SY, TY, BE Civil	26/02/2020	Civil Engg. Dept
21	Two days workshop on training to research scholar on research gap identification lead college activity	Prof. Kumbhar, Prof. Karvekar & Prof Zende.	M. Tech 1 st Yr., BE Civil	28/02/2020	Civil Engg. Dept
22	Alumni meet	Prof. J. M. Shinde.	BE Passing out Student.	29/02/2020	Civil Engg. Dept
23	SY Civil students site visit to building at Kolhapur	Prof. J. M. Shinde.	SY Civil	03/03/2020	Civil Engg. Dept
24	Infratech 2K20	Prof. J. M. Shinde.	SY, TY, BE Civil	07/03/2020	Civil Engg. Dept
25	Graduation day 2020	Prof. A. V. Karvekar	BE Passing out Student.	29/02/2020	Civil Engg. Dept

WORKSHOPS ATTENDED BY FACULTIES

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Mr. G. N. Chavan Patil	“Sustainable Development Theory and Practice”	19/08/2019 to 23/08/2019
Mr. S. C. Chokakkar	“Sustainable Development Theory and Practice”	19/08/2019 to 23/08/2029
Mr. J. M. Shinde	Optimization Techniques and Awareness on Research	30/12/2029 to 3/01/2020
Miss. S. S. Mane	Optimization Techniques and Awareness on Research	30/12/2029 to 3/01/2020
Mr. J. M. Shinde	Amendments of IS 10262:2019 and IS 456:2019	14/02/2020
Mr. J. M. Shinde	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Miss S. S. Mane	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. S. B. Patil	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. G. N. Chavan Patil	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. S. C. Chokakkar	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. J. A. Patil	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. P. S. Koli	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. S. V. Shah	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. S. S. Patil	Training for research scholar on Gap Identification	28/02/2020 to 29/02/2020
Mr. S. V. Shah	Project Management essentials certified	9/4/2020
Mr. S. V. Shah	How to teach smart	10/4/2020
Mr. S. V. Shah	A certificate in the fundamentals of educating	11/4/2020
Miss S. S. Mane	Outcome based education-A step towards Excellence	11/05/2020 to 15/05/2020

Mr. J. M. Shinde	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Miss S. S. Mane	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Mr. S. B. Patil	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Mr. G. N. Chavan Patil	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Mr. S. C. Chokakkar	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Mr. J. A. Patil	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020
Mr. P. S. Koli	Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020

WORKSHOPS ORGANIZED BY FACULTY

Title of the professional development program	Dates (from-to) (DD-MM-YYYY)	organized by	No. of participants
Use of ICT Tools & Techniques for effective teaching and learning	20/05/2020	Prof. S. V. Shah	311
“Training for research scholar on Gap Identification”	28/02/2020 to 29/02/2020	Prof. S. B. Patil	50
4 Days Training on software- SAP2000 V20	31/08/2019 To 30/09/2019	Prof. S. A. Jangam & Prof. J. M. Shinde	22
Advanced Building Architectural Software 3D Max, VRay& Photoshop	21/09/2019 to 28/02/2020	Prof. P. S. Koli & Prof. J. M. Shinde	28

STUDENTS ACHIEVEMENT



MR. RAVIRAJ SANDEEP DESAI

Get Admission For M.S at Stevens Institute of Technology

USA

Activity for Students 2019-20



Guest Lecture on Introduction of Civil Engg. Software, Dr. V. S. Patil on Date- 27/08/2019



Felicitation of Ms. Pranita Shinde for selected in Windsor University Kanda for MS



As a social activity, Every year CESA has organized Blood Donation camp from 2010. This year also the CESA has organized "Blood Donation Camp" on



Wel-Come function of SY Student is organized on 19/09/2019. Dr. A. B. Rajmane Dean Student

18/09/2019. About 161 Donors were donating their blood. Dr. Priti Rajput of Sanjeevan blood bank and team successfully conducts the camp.

welfare AMGOI was chief guest for function. The program was arranged by TE and BE students.



Youth Awareness Program on Patriotism & Nation Building on 11/09/2019. Arranged by CESA the chair Pearson was Ms. Sweeta Pol Alumni Civil AMGOI.



Guest Lecture on Introduction of 3-D Max & Visualization is arranged on 05/10/2019. Mr. Riyaz Pendhari & Mr. Rohit Katkar Guide the student on Visualization of various Residential & Public building.



Industrial Visit at Miraj was engaged on 11/07/2019. The third year students of Civil Engineering department attended the Visit for their academic studies for Environmental Engineering-I subject.

The main objective behind the visit was to know the components and working of the water treatment plant. Mrs. D. L. Latthe guided the students.



Industrial Visit at Malvan was engaged on 07/10/2019.

The final year students of Civil Engineering department attended the Visit for their academic studies of Advanced Engineering geology subject.

The main objective behind the visit was to know the various geological features and

know the various types of rocks Mr. S. S. Chokakar guided the students.



Field Visit to "FORMWORK" at Ashokrao Mane Medical College, Vathar. (15/01/2020)



Guest lecture on "CAREER GUIDANCE" for BE Student by Mr. Ganesh Jadhav. (15/01/2020)



Field Visit to superstructure of building at Ashokrao Mane Medical College. (16/01/2020)



Visit to Book Exhibition on the occasion of "Youth Day" celebration. (16/01/2020)



“ICT Awareness Program” for SY Civil students.
(20/01/2020)



“ICT Awareness Program” for TY Civil students
(21/01/2020)



Guest lecture on “Opportunities in Civil Engineering Student” (22/01/2020)



Add on Course on “3D max Software” for TY Civil.
(19/01/2020 & 25/01/2020)



Group Discussion Competition Activity for BE Civil Students. (23/01/2020)



Group Discussion Competition Activity for TY Civil Students.(23/01/2020)



Group Discussion Competition Activity for SY Civil students. (20/01/2020)



Field Visit of SY civil students to K.T. Weir at Shigaon. (24/01/2020)



Visit SY civil Students to NIRMITI Expo Exhibition at Ashta. (24/01/2020)

STUDENT PROJECTS

Group No	Name of Group Student	Guide	Project Title
1	Kudalkar Aditya Mukund	Mr. P. S. Koli	To develop alternative for IS Method for determination of stripping value of aggregate.
2	/Desai Namrata S	Miss S. S. Mane	Effect of Hydrogenated Vegetable oil and grease on stability of Bitumen Mix.
3	/Patil Shweta Uttam	Miss S. S. Mane	Graphical Presentation of structural parameters for RCC Multistoried building exposed to seismic load by parametric consideration using structural analysis programme.
4	Bange Omkar Krushnat	Mr. A. V. Karvekar	Study on durability properties of Marble dust powder concrete.
5	Gawas Vinit Vishwanath	Mr. A. V. Karvekar	Design and development of Rain water harvesting system for AMGOI Campus.
6	/Kashmire Shrutika Shrenik	Mr. J. A. Patil	Experimental study on Lime mortar by using admixtures.
7	Mankar Rushikesh Kumar	Mr. J. M. Shinde	Study of concrete by optimization of cementitious material.
8	Mankar Kalpesh Shivaji	Mr. G. N. Chavanpatil	Use of smog absorbing concrete in road construction.
9	/Kamble Amrapali Sudam	Mr. P. S. Koli	Network analysis of water distribution system by using EPANET in rural area.
10	Shinde Rushikesh Gunvant	Mr. J. A. Patil	Liquid waste management proposal for Ambap Village.