



M. S. P. Mandal's

## Deogiri Institute of Engineering and Management Studies

Deogiri Campus, Railway Station Road, Aurangabad 431005



# NEWSLETTER

July 2020 TO December 2020

## INSTITUTE VISION & MISSION

### VISION

**Nation of building by creating opportunities for rural and urban students through excellent engineering and management.**

### MISSION

- 1.To develop the student for best academic and industrial practices by implementing new innovation teaching learning methodology, promoting all-round development by giving exposure to series activities**
- 2. To prepare the to face global challenges by equipping them with requisite technical expert and developing entrepreneurship skill among them**
- 3. To promote research attitude among faculty and student**



*We shape our buildings; thereafter they  
shape us.*

- WINSTON CHURCHILL

# Civil Engineering Department

## MESSAGE FROM HOD



**Dr.G.R.Gandhe**

On behalf of all our faculty, staff, and students, I would like to welcome you to the Civil Engineering Department at Deogiri Institute of Engineering and Management Studies, Aurangabad.

As a Head of the department, I am extremely proud of our role in providing high quality education and hands-on experience to our students. Right from its inception in 2009, the Civil Engineering Department has earned tremendous reputation for qualitative teaching-learning process, meaningful teacher-student interactions, state-of-the-art laboratories, and well qualified faculty; positively contributing to the community through teaching, research and consultancy activities.

With a well-planned mission and untiring efforts of our highly committed faculty, staff and students, the department is striving hard to develop proficient Civil Engineer with technical competency and managerial ability so as to contribute in Nation Building. Our department is constantly working towards all-round skill development of our students by organizing Expert talk by Industry persons, Industrial Visits, Seminars, Inspire talks, workshops, conferences.

Apart from this, Civil Engineering Department is providing Engineering Consultancy services for various Government as well as private construction projects. I am very proud to inform you that DIEMS is the First Engineering Institute in the Marathwada region having **NABL accreditation for Civil Engineering laboratories.**

## VISION OF DEPARTMENT

Develop proficient Civil Engineer with technical competency and managerial ability so as to contribute in Nation Building.

## MISSION OF DEPARTMENT

- To impart technical proficiency in Civil Engineering through quality teaching learning process
- To mentor Civil Engineering students for competitive services, higher studies, and allied research to meet societal needs.
- To inculcate managerial skills in students to evolve as an entrepreneur.



## FACULTY PUBLICATION

- ❖ Prof.Durgesh H.Tupe, Dr.G.R.Gandhe “Effect of Blast Loading on Bridge Piers” Journal of Applied Science and Computations, Vol. 7, Issue 8, August 2020, ISSN NO: 1076-5131
- ❖ D.H.Tupe, G.R.Gandhe “Study the Behavior of Response Spectrum of Regular and Haunch Beam Building in ETAB” International Research Journal of Engineering and Technology, Vol 7, Issue 11, Nov 2020, E-ISSN 2395-0056 P-ISSN 2395-0072.
- ❖ Prof.D.H.Tupe, Dr.G.R.Gandhe “Analysis and Design of High Rise Building Subjected to Combined Effect of Earthquake and Strong Wind Using E-TAB Software” International Research Journal of Engineering and Technology, Vol 7, Issue 11, November 2020, E-ISSN 2395-0056 P-ISSN 2395-0072.

## WORKSHOP DETAILS

Sr. No.	Name of Faculty	Title	Organisation
1	Prof. N.M.Nikam	Unnat Bharat Abhiyan a Synergic Journey of Higher Educational Intitutions Towards Inclusive rural Development Process	Regional Coordinating Institute, Unnat Bharat Abhiyan, Sant Gadge Baba Amravati University
2	Prof. R.A.Thote	Corrosion and its Control	Mechanical Engineering Department, DYPIEMR, Akurdi, Pune
3	Prof. S.B.Kapse	ICT Tools for Technology Infused Learning	IconsTeam Pvt. Ltd.
4	Prof. S.B.Kapse	Enabling Self- Reliant Economy Through Techno-Social Innovation In A Perspective of Post COVID-19 Rural India	Unnat Bharat Abhiyan Cell of MCT's Rajiv Gandhi Institute of Technology, Mumbai
5	Prof. Ansari Fatima Uz Zehra	Construction Projects Management with Innovative Tools & Techniques	Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai
6	Prof. Ansari Fatima Uz Zehra	Intellectual Property Rights (IPR) Awareness : Patent Drafting and Filing	Research and Development Cell, Bharati Vidyapeeth (Deemed To Be University) College of Engineering, Pune

## Faculty Development Program

Sr. No.	Name of Faculty	Title	Organization
1	Prof. N.M.Nikam	Advanced Materials and Manufacturing	Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, Warangal
2	Prof. N.M.Nikam	Advancements in Earthquake Engineering	RGPV, Bhopal
3	Prof. S.P.Nirkhe	Challenges and Opportunities in Futuristic Learning and Development Sectors	Department of English, Guru Nanak College, Chennai
4	Prof. S.P.Nirkhe	Modern Approach in Structural Engineering	MGM's Polytechnic, Aurangabad
5	Prof. S.P.Nirkhe	Research Methodology and Techniques	Sandip Institute of Engineering and Management, Nashik
6	Prof. S.P.Nirkhe	Advanced Materials and Manufacturing	Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, Warangal
7	Prof. S.P.Nirkhe	Mathematics: A Practical Approach in science and Technology	Department of Basic Science and Humanities, DIEMS
8	Prof. S.P.Nirkhe	Modelling and Computing Techniques in Civil Engineering	Department of Civil Engineering, Tontadarya College of Engineering, Karnataka
9	Prof. S.P.Nirkhe	Research Advances in Civil Engineering	Department of Civil Engineering, Jyothi Institute of Technology, Bengaluru
10	Prof. S.P.Nirkhe	Waste to Bioenergy	Department of Life Sciences, School of Basic Sciences and Research, Sharda University, Uttar Pradesh
11	Prof. S.P.Nirkhe	NAAC Assessment & Accreditation for Affiliated Colleges	IQAC Vinayakrao Patil Mahavidyalaya, Vijapur
12	Prof. S.P.Nirkhe	Improving Teaching Learning Experience using Best Practices	Dwarkadas J. Sanghvi College Of Engineering
13	Prof. D.B.Gaidhane	Research in Environmental Engineering & A Way Forward	Department of Civil Engineering of Pimpri Chinchwad College of Engineering, Pune
14	Prof. D.B.Gaidhane	Mathematics: A Practical Approach in science and Technology	Department of Basic Science and Humanities, DIEMS
15	Prof. R.A.Thote	Challenges and Opportunities in Futuristic Learning and Development Sectors	Department of English, Guru Nanak College, Chennai
16	Prof. R.A.Thote	Advanced Materials and Manufacturing	Department of Mechanical Engineering, Kakatiya Institute of Technology & Science, Warangal

## Participation Technical Events

Sr. No.	Name of Students	Description of the Event
1	Jathar Vaibhav S	Robo Race
2	Kushal Nitnaware	Group Discussion Safe Track 2.0
3	Vaibhav Vilas Gaikwad	Group Discussion Safe Track 2.0
4	Satyajeet Dhakane	Group Discussion Safe Track 2.0
5	Mayur Vyawahare	Group Discussion Safe Track 2.0
6	Manoj Patil	Group Discussion Safe Track 2.0
7	Rahul Huse	Group Discussion Safe Track 2.0



# Assessment Of Impact of Covid-19 on Construction Industry In 2020

The year 2020 has been marked by the outbreak of COVID-19, which has affected virtually every sector of the economy, including the construction industry. The pandemic has led to a disruption of the supply chain, reduced workforce, and increased project delays. This report provides an assessment of the impact of COVID-19 on the construction industry in 2020. The study examines the measures taken by the industry to mitigate the effects of the pandemic and identifies the lessons learned that could help in preparing for future crises.

## *Introduction:*

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The construction industry is a significant contributor to the global economy, accounting for about 7% of the world's GDP. The sector has been facing several challenges even before the outbreak of COVID-19. However, the pandemic has created a unique set of challenges that have had far-reaching effects on the industry. This report seeks to evaluate the impact of COVID-19 on the construction industry in 2020.

**Methodology:** The study was conducted through a review of literature on the effects of COVID-19 on the construction industry. Secondary data sources, including online databases, reports, and articles, were used to collect relevant information. The study also relied on interviews with industry experts, including construction managers, engineers, and contractors, to gain first-hand insights into the impact of the pandemic on construction projects.

## *Results:*

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The pandemic had a significant impact on the construction industry, leading to delays in project completion and disruption of the supply chain. Many countries implemented lockdowns and travel restrictions, which affected the movement of construction materials and labor. The closure of manufacturing plants, restrictions on importing goods, and social distancing measures also contributed to the slowdown in construction activities. The pandemic also had a psychological effect on workers, leading to a decrease in productivity and an increase in absenteeism. The use of prefabrication and modular construction methods was also embraced as a means of reducing on-site labor.

Measures taken to mitigate the effects of COVID-19 on the construction industry included the implementation of virtual meetings and inspections, the use of drones for site inspections, and the adoption of online platforms for communication and collaboration. The use Lessons learned from the pandemic include the need for contingency planning, the importance of embracing technology, and the need for collaboration among stakeholders. The pandemic also highlighted the importance of investing in infrastructure, as it is critical to the economic recovery of a country.



## **:-NEWS LETTER-:**

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