

ACADEMIC PERFORMANCE

The students have showed excellent performance in university examination. Result of S.E, T.E and B.E classes in April/May 2019 examination are as follows

a) Performance in University Examination

➤ Mr. Sherla Shравan bagged University “Gold Medal”. He stood first in the University



DEPARTMENT OF CIVIL ENGINEERING

NEWS LETTER

MAY 2020

UNIVERSITY RANKERS OF CLASSES 2018-19

BE (Civil)

Rank	Name of Student	Percentage	University Rank
I	Shравan Sherla	87.8%	II
II	Aditya Lomate	86.03%	IV
III	Balaji Galpalli	86.00%	V
IV	Jyotiba Bhosale	85.8%	VII
V	Sangaram Pawar	85.5%	VII
VI	Vaishnavi Kurapati	85.5%	IX

TE (Civil)

Rank	Name of Student	Percentage	University Rank
I	Mittaplli Jayendra K.	85.33	III
II	Thalange Shreyash Anil	84.85	IV
III	Dharashivkar Ziya	83.82	VI
IV	Chatla Navin Nagnath	83.27	IX

SE (Civil)

Rank	Name of Student	Percentage
I	Vaishnavi Ramchandra Gaikwad	90.44
II	Dharashivkar Umera Samreen Aejaz Ahmed	90.12
III	Suryavanshi Abhishek Nagesh	88.56
IV	Vidap Saikrishna Laxminarasayya	86.56

STUDENTS ACHIVEMENTS

STUDENT PUBLICATION

➤ Shubham Rajguru, Sanket Patil, Ajinkya Sutar, Rohansingh Pardeshi, Prabhuling Shinge and Akshay Bagalkoti have participated and Published paper in proceeding of national level Technical symposium 2020 ISBN 978-93-5407-601-5 on “Comparing the Strength as Blocks made from cement and Lateritic soil cement” under the guidance of Prof. R. G. Maske.

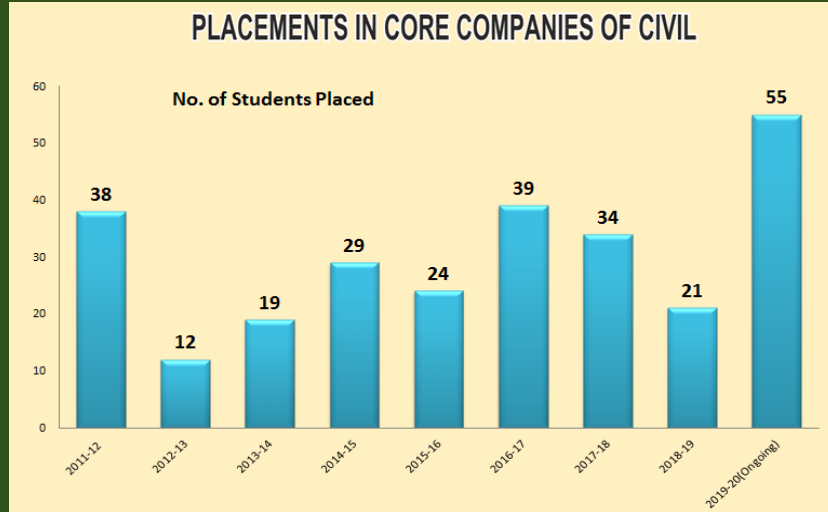
• BEST OUTGOING STUDENT OF THE DEPARTMENT

➤ Mr. Jayendra Mithapalli of B.E Civil class has been selected as the Best Outgoing Student of the Department for A.Y. 2020-21



HARD WORK BEATS TALEN, WHEN TALENT DOESN'T WORK HARD

PLACEMENTS



55* Students have been placed till date this Academic Year, placements are ongoing.

GATE - A.Y 2019-20

NK Orchid College of Engineering & Technology, Solapur

Department of Civil Engineering



Mr. Prilam Khaster
(GATE Score 34.07)



Mr. Navin Chatla
(GATE Score 33.42)



Mr. Vilas Maheshan
(GATE Score 32.77)



Mrs. Maske Samiksha
(GATE Score 25.03)



Mr. Ravi Sertape
(GATE Score 24)



Mr. Kamble Ashwaghosh
(GATE Score 23.32)



Heartiest Congratulations to All GATE 2020 Qualified Students



Six students from B.E (Civil) class qualified in GATE-2020 Examination. Extra classes were conducted in the month of December and January by the faculty members of Civil department to guide the students for GATE-2020 Examination.

NPTEL EXAMINATION

National Programme for Technology Enhanced Learning (NPTEL) is a joint initiative of IITs and IISc to offer online courses and certification in various domains learn for free, pay a small fee to write an exam and get a certification. I am happy to mention here that our students are actively participating in many NPTEL courses. The participation details for academic year 2019-20 are as follows:

NPTEL 2019-20 EXAMINATION

Sr	NPTEL Course	No. of Students Registered
1	Design of Reinforced Concrete Structures	BE- 116
2	Design of Steel Structure	TE- 82
3	Geotechnical Engineering	TE- 76
4	Soft Skill	SE- 92
5	Higher Surveying	SE-142
6	Hydraulic Engg.	SE-143
7	Foundation Engg.	TE- 135
Total		786

NPTEL Top Performers:

I am proud to share that our students showed excellent performance in NPTEL Examination, which was jointly conducted by IITs & IISc. The details of Top performers are as follows:

Sr. No.	Name of Student	Score	All India Rank	Course
1	Rahul Raut	97%	Top 2%	Reinforced Concrete Structures
2	Kajal Devkate	96%	Top 5%	Reinforced Concrete Structures
3	Navin Chatla	94%		



Free Online Courses



FACULTY ACHIEVEMENTS



On the occasion of Teachers' day, Institute felicitates faculty member who has shown excellent performance throughout the Academic year. **Prof. A. Y. Kankuntla** was honored with **Best Teacher** award from Department of Civil Engineering for the Academic Year 2018-19.

FACULTY PUBLICATIONS

Our Institute motivates Faculty members to publish their research in National and International Journals with high impact factors. Following paper is published in International Journal.

FACULTY PUBLICATIONS

1) **V. K. Patki, (2020)** "Six Sigma: Literature Review and Methodologies to Improve Implementation" Test Engineering and Management, Vol.83 (1), 71-79. (**Scopus Indexed ISSN 0193- 4120**).

2) **V. K. Patki,(2019)** " Anti-Glare Headlamp a Safe Option for Better Vision to the Rider" International Journal of Innovative Technology and Exploring Engineering, Volume-8, Issue- 9S2, July 2019 (**Scopus Indexed ISSN: 2278-3075**).

3) **Jahagirdar S S, Patki V K (2019)**. "Evaluation of Physical and Chemical Properties of OPC and PPC Cement". *International Journal of Recent Technology and Engineering (IJRTE)*, Vol-8, issue 9S11, 840-845 (**Scopus Indexed ISSN 0193-4120**).

4) **Patki V K, Jahagirdar S (2020)**. "Urban Water Distribution Network Failure Prediction using Artificial Intelligence". *TEST Engineering & Management*, Vol- 82(1), 8355-8362. (**Scopus Indexed ISSN 0193-4120**).

5) **Jahagirdar S S , (2019)**. "Assessment of Water Quality Index for Hipparga Lake in Solapur City". *The International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol. 8(6), 7364-7369.

6) **V. K. Patki, (2020)** "Development of water quality index for Godavari River (India) based on fuzzy inference system " *Groundwater and Sustainable Development*, Vol.10 ,100350. (**Elsevier Publisher, Scopus Indexed**)

7)**Kankuntla Ashok Y., Rajgiri D. N. , Maske R. G. , Kulkarni S. R. (2020)**. "Prefabricated Construction Technology for Multistoreyed Building" *International Journal of Innovative Technology And Exploring Engineering*, Vol-9, Iss-3 (**Scopus Indexed Journal ISSN No.2278-3075**).

8)**Kankuntla Ashok Y.(2019)** "Comparative Study Of Multistoried Commercial Building With Flat Slab", *Journal of Emerging Technologies and Innovative Research*, Vol.6, Issue 6, page no.373-380 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

9)**Thavare Ramkrishna M. (2019)**. "Improvement of Lake Water Quality Indwx using Nitrolite Mineral" *J. of Emerging Tech. And Inn. Res*, ISSN No.2349-5162 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

10)**Maske Ravi G. (2019)**. "Comparative Study of Different Composting Methods" *J. of Emerging Tech. And Inn. Res*, ISSN No.2349-5162 (**Thomson Reuters & UGC Indexed Journal ISSN: 2349-5162**).

11) **Salimath Veeresh S. , Farooq Ahmed Maniyar (2019)**. "Improvement of Subgrade Soil characteristics by utilizing Lime and rise husk ash" *Int. J. of Engg. Re. And Tech.*, ISSN No.2278-0181

RESEARCH FUNDING

Performance Evaluation of Integrated Onsite Greywater Treatment System (IOSTS)

For the research proposal on “Performance Evaluation of Integrated Onsite Greywater Treatment System (IOSTS)”, the Department of Civil Engineering has received funding of Rs. 03 lakhs from Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere.



Parameter	Primary Treatment	Secondary Treatment	Over-all Efficiency of Removal
BOD ₅	50.00 %	18.00 %	58.00 %
COD	32.00 %	8.10 %	37.00 %
Phosphorus	43.07 %	60.00 %	77.17 %
Nitrogen	25.00 %	65.00 %	73.00 %
Acidity	47.95 %	21.55 %	59.18 %
Alkalinity	25.20 %	9.40 %	32.23 %
Turbidity	66.29 %	44.15 %	81.87 %
Chloride	25.82 %	8.89 %	32.41 %

INDUSTRY-INSTITUTE INTERACTION

TESTING & CONSULTANCY

Civil Engineering Department is having highly qualified faculty members in all specializations and has the state-of-art laboratories. The department offers Testing and Consultancy in the following areas-

- 1) Testing of Materials (for Buildings and Roads)
- 2) Concrete Mix Design
- 3) Surveying with Total Station
- 4) Soil Testing and Geotechnical Investigations
- 5) Proof Consultancy for Structural Designs
- 6) Water and Waste Water Testing

Total Earning from Testing and Consultancy for AY 2019-20

5,39,225/-

INDUSTRIAL TRAINING



- All S.E & T.E (Civil) students have undergone 15 days Industrial Training during winter vacation at various construction sites. This training helped the students to get industrial exposure.

ONLINE INTERNSHIPS



All S.E & T.E (Civil) students have completed various Online Training courses during **Lockdown** (Summer vacation) from various online Platforms like **Coursera, Udemy etc.** This training helped the students to enhance their technical skills.

Sr. No.	Name of Online Platform	No. of Students
1	Coursera	130
2	TCSion	105
3	Udemy	30
4	Skyfi Lab (AICTE)	27
5	Learn Vern	45
6	AutoDesk	10
7	Cousa	07
8	Tubestudy	04
9	Intershala	01
10	Eduonix	01
11	MPA	03
12	KIT	03
Total		366

SOFTWARE TRAINING & CO-CURRICULAR COURSES



The department has conducted following Add on courses to bridge the gap between industry and academia. Following Add on courses have been conducted in the A.Y. 2019-20.

- 1) Prof. R. G. Maske & Prof. A. Y. Kankuntlla conducted Two week workshop on **STAAD-Pro Software** for SE 110 Students.(28th May 2019 to 13th June 2019)
- 2) Prof. D. S. Pawar & Prof. R. G. Maske Organized One week workshop on **Revit Software** for TE & BE 60 Students conducted by Mr. Bajaj and Ms. Solomon, IEI Belapur Chapter, Navi Mumbai.(21st May 2019 to 26th May 2019)
- 3) Prof. S. M. Kale conducted Two Days workshop on **“C Programming”** for SE 144 Students.

EVENTS ORGANIZED BY STUDENTS ORGANIZATION (CESA)

Following Expert lectures and Events were organized by the Students' Association of our Department.

Sr. No.	Topic	Resource Person & Date
1	Personality Development	Mr. Anish Shahstrabudhe Event Manager, Ice & Spice Event, Solapur for SE, TE & BE Students.(28th Aug. 2019)
2	Social Awareness	Prof. Bhimrao Kore Retired faculty from Dayanand college solpaur for SE, TE & BE Students.(5th Sep. 2019)
3	Application of Engineering in Social Work	Prof. Hindurao Gore Principal, SVIT Polytechnic college solpaur for SE, TE & BE Students.(15th Sep. 2019)
4	Built Environment for Carrier opportunity	Mr. Sanjay Patil & Abhishek Panchal Amity University for BE Students.(18th Sep. 2019)
5	Science of Psychometric & Employability Assessment	Dr. Songave, Mr. Patil from Brainberg for SE, TE & BE Students.(19th Sep. 2019)
6	Supplementary Softwares used in Civil Engineering	Mr. Prakash D. Bajaj from ISSE Solapur for TE & BE Students.(19th Oct. 2019)
7	Jal Sandharan	Mr. Madhukar Dhoiphode for TE & BE Students.(17th Jan. 2020)
8	Placement Opportunities	Dipex Team Solapur for SE Students.(22nd Feb. 2020)
9	Upcoming Opportunities for Placement from their side, Skill Training Programs & Internship	Lecture on by Apprent Team Bangalore for TE & BE Students.(24th Feb. 2020)



PARTICIPATION OF STUDENTS OF OUR DEPARTMENT IN SOCIAL ACTIVITIES

Civil Engineering students have donated **62** bottles of blood in the blood donation camps organized by the institute in association with NSS on 15th Sept 2019.

INDUSTRIAL VISIT

Second year students have undergone field visit for the exploration of the subject on site, in which students experienced the correlation between theory and the practical knowledge. Which is also helpful in placement activity.

Baldawa Hospital, (05th August 2019)



SEWAGE TREATMENT PLANT

The sewage treatment process facilitates the achievement of water quality objectives. In addition to nutrient recycling, advanced treatment of wastewater often includes associated unit processes which support the optimization of resource use. In order to understand the functioning of different units of sewage treatment plant a batch of 150 students along with 04 faculty members have visited Sewage Treatment Plant at Degaon and Green Fields C.E.T.P. at M.I.D.C., Kondi on 7th February 2020.



T.E

Sr. No.	Educational Trip /Visit to	Accompanied by
1	Water Treatment Plant, Pakani, Solapur (11 th Aug. 2019)	Dr. V.K.Patki, Dr. S. S. Jahagirdar Prof. R. M. Thavare (for EE & WWT)
2	Water treatment plant, Soregaon, Solapur (11 th Aug. 2019)	
3	Sewage Treatment Plant, Degaon, Solapur. (7 th Feb. 2020)	
4	Common Effluent Treatment Plant, MIDC Chincholi, Solapur.(7 th Feb. 2020)	Prof. S .R. Kulkarni (for BPD)
5	Mayuresh Apartment, Vasant Vihar, Solapur (15 th Feb. 2020)	
6	Vasant Vihar, Solapur (15 th Feb. 2020)	Prof.. V. A. Salimath & Prof. F.K. Maniyar (TRE)
7	Solapur Mangalwedha Highway, Solapur. (18 th Oct. 2019)	
S.E.		
8	1)Baldawa Hospital, Solapur (5 th Aug. 2019)	Prof. S.R.Kulkarni (BC)

PARTICIPATION OF STUDENTS IN VARIOUS COMPETITIONS

Following Students bagged prizes in paper presentations and other technical competitions held by various institutes in academic year 2019-20.

Sr. No.	Name of student & Class	Competition	Organized by	Prize
1	Ms. Dharashivkar Umera, Suryavanshi Abhishek & Madda Bhaskar (TE)	Technical Event-Analysis and Design of Steel Truss Comprtition	DIEMS, Aurangabad & ISSE, Aurangabad	First
2	Mr. Vitkar Dnyaneshwar (TE)	Auto CAD War	AGTECH FEST AGPIT, Solapur	Second
3	Mr. Vitkar Dnyaneshwar (TE)	TechDraw Event	DISTA- 20 NBNSCOE, Solapur	First
4	Mr. Akash Kannurkar (BE)	Power Presentation	AGTECH FEST AGPIT, Solapur	First
5	Mr. Vittal Konda (BE)	Model Making	AGTECH FEST AGPIT, Solapur	Second
6	Mr. Ashwaghosh Kamble (BE)	Technical Quiz	DISTA- 20 NBNSCOE, Solapur	Second
7	Ms. Sneha Kairamkonda (TE)	Poster Presentation	Kshitij2k20 SVERI Pandharpur	Second
8	Mr. Vitkar Dnyaneshwar (TE)	CAD Race	OLYMPUS2k19 SVERI Pandharpur	First

LOCKDOWN ONLINE ACTIVITIES



In Corona Pandemic during lockdown following activities conducted by faculty members of Civil Engineering department.

- Conducted online lecture for all the SE , TE and BE Classes on Zoom, Microsoft Team, Webex, Google Scholar platform for every class and completed 100% syllabus.
- Conducted online test series, CA-II and Mid Sem on Google form platform for every class
- Conducted online project presentations on Zoom, Microsoft Team, Webex, Google Scholar platform for TE and BE classes.