

Annual Report of Civil Engineering Department for the Academic Year 2019-20

I am delighted to present the Annual Report of Civil Engineering Department for the academic year 2019-20.



1) ACADEMIC PERFORMANCE

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

a) Performance in University Examination

• University Gold Medal-

Mr. Sherla Shraavan bagged University “Gold Medal”. He stood first in Solapur University.

• Rankers of the Class:

The classwise rankers are as follows:

BE (Civil)

Rank	Name of Student	Percentage	University Rank
I	Shraavan Sherla	87.8%	I
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	Mithapalli Jayendra Krishnasagar	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
V	Dakhani Tahreem Fatima Anwar Khan	86.04

b) Performance in GATE Examination

i) **GATE-2020:** Extra classes were conducted in the month of December and January by the faculty members of our department to guide the students for GATE-2020 Examination. **Six students** qualified **GATE-2020** Examination. The details are as follows:

Sr. No.	Name of Student	Percentile
01	Pritam Khaster	89.23
02	Navin Chatla	88.12
03	Vilas Maheshan	82.15
04	Samiksha Maske	81.56
05	Ravi Sartape	81.00
06	Ashwaghosh Kamble	79.25

c) Success in GRE/TOEFL

Following students of Civil Engineering Department have cleared GRE/TOEFL/IELTS Examination & admitted to MS in universities abroad.

Sr. No.	Name of Student	Persuing MS Abroad
01	Ms. Shalvi Deshmukh	Claimson University, USA
02	Mr. Vinayak Mhamane	University of New Havens, USA
03	Ms. Ankita Chavan	Queens University, Canada

d) Student Publication

1) **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 of Blocks made from cement and Lateritic soil cement**” under the guidance of **Prof. R. G. Maske**.

e) Best Outgoing Student of The Department

Mr. Jayendra Mithapalli of B.E Civil class is declared Best Outgoing Student of the Department.



2) FACULTY PUBLICATIONS

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

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, (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 Index 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

3) FACULTY ACHIEVEMENT

i) On the occasion of Teachers’ day, Institute felicitates faculty members who have 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.



4) INDUSTRY - INTITUTE INTERACTION

a) Training Programs for Practicing Engineers

This year our **Principal Dr. J. B. Dafedar** is unanimously selected as a President of ISSE Solapur Solapur Chapter. We conducted following Programs for the Practicing Engineers.

Sr. No.	Name of Events	Name of Speaker	In Collaboratio n with	No. of Partici pants
1	Supplementary software used in Civil Engg.	Mr. Prakash Bajaj, Mumbai	ISSE Solapur Local Center	46
2	Righteous Process of Durable Concrete	Mr. Aand Patil Engg. Services, Kolhapur	ISSE Solapur Local Center & Ultratech Cement , Solapur	80
3.	One day workshop on “ Structural Audit, Assessment and latest trends in structural repairs & retrofitting”	Mr.Ravi Ranade, Construction Diagnostic Center, Mumbai and Mr. Salil Gadgil Conchem Pvt. Ltd, Mumbai	ISSE Solapur Local Center & Ultratech Cement , Solapur	220
4.	Pune Metro Rail	Mr. Atul Gadgil Pune Metro Rail	ISSE Solapur Local Center & Polaad Steel Jalna	81
5.	Principles of Earthquake Resistance Structural Framing Systemural	Prof. P.A. Sangave NKOCET, Solapur	ISSE Solapur Local Center & Polaad Jalna	50
6.	Ductile Design & Detailing of Reinforced Concrete Structures	Prof. P.A. Sangave NKOCET, Solapur	Association of Architects & Civil Engineers, Osmanabad	60

b) Testing and Consultancy Activity

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-

- Testing of Materials (for Buildings and Roads)

- b) Concrete Mix Design
- c) Surveying with Total Station
- d) Soil Testing and Geotechnical Investigations
- e) Proof Consultancy for Structural Designs
- f) Water and Waste Water Testing

Total Earning from Testing and Consultancy for AY 2019-20 is **5,39,225/-**

c) Industrial Training of the Students

- 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.
- All S.E & T.E (Civil) students have completed various Online Training courses during **Lockdown** (Summer) vacation through various online Technical Course site like **Coursera, Udemy etc.** This training helped the students to get Technical Knowledge.



d) Industrial Training of the Faculty Members

Prof. V. A. Salimath and Prof. F. K. Maniyar have completed two weeks (28/11/2019 to 12/12/2019) industrial training at Solapur- Bijapur Bypass road project. This project was carried by Shinde Developers Pvt. Ltd. Pune. from

5) INSTITUTE SOCIAL RESPONSIBILITIES (ISR) ACTIVITY

Following Faculty members have delivered seminar at various polytechnics for the development of students. The details are as follows:

a) Details of Lecture conducted at other Institute:

Sr. No	Name of Faculty	Topic	Date	Name of Institute	Class
1	Prof. R. G. Maske	Steel & Reinforced Concrete Structure	3rd Aug. 2019	S.V.S.M.D's Polytechnic, Akkalkot.	TY
2	Prof. S. M. Kale	Placement Opportunities	3rd Aug. 2019	SVIT, Solapur	TY
3	Prof. R. G. Maske	Steel & Reinforced Concrete Structure	14th Aug. 2019	SES Solpaur.	TY

4	Prof. A. Y. Kankuntla & Prof. R. G. Maske	STAAD-Pro	27th Aug. 2019	S.V.S.M.D's Polytechnic, Akkalkot	TY
5	Prof. A. Y. Kankuntla & Prof. R. G. Maske	STAAD-Pro	4 th Sep. 2019	SES Solpaur.	TY
6	Prof. F. S. Kazi	Hydraulic Engg.	24th Sep. 2019	Government Polytechnic, Solapur	TY
7	Prof. R. G. Maske	STAAD-Pro	24th Sep. 2019	VIT Sandipani Institute of Polytechnic, Latur	TY
8	Prof. R. G. Maske	Steel Structure	25th Sep. 2019	VIT Sandipani Institute of Polytechnic, Latur	TY
9	Prof. P.A. Sangave	Structural Audit	2nd Mar. 2020	S.V.S.M.D's Polytechnic, Akkalkot	TY
10	Prof. P.A. Sangave	Structural Audit	2nd Mar. 2020	SSW Polytechnic, Akkalkot	TY

b) Details of Practical's conducted for polytechnics:

Sr. No	Name of Faculty	Expt. on	Date	Name of Institute	Class
11	Prof. V. A. Salimath	Highway Engg.	27th Aug. 2019	S.V.S.M.D's Polytechnic, Akkalkot.	TY
12	Prof. G.J. Kulkarni	Concrete Technology	28th Aug. 2019	S.V.S.M.D's Polytechnic, Akkalkot.	TY
13	Prof. V. A. Salimath	Highway Engg.	29th Aug. 2019	SES Polytechnic, Solapur	TY
14	Prof. R. M. Thavare	Public Health Engineering	21st Sep. 2019	Moulana Azad Polytechnic Solapur	TY
15	Prof. V. A. Salimath	Highway Engineering	21st Sep. 2019	Moulana Azad Polytechnic Solapur	TY
16	Prof. A. U. Phadnis	Structural Mechanics	21st Sep. 2019	Moulana Azad Polytechnic Solapur	TY
17	Prof. S. R. Nirantar	Surveying	21st Sep. 2019	Moulana Azad Polytechnic Solapur	TY
18	Prof. G.J. Kulkarni	Concrete Technology	24th Sep. 2019	V J Shinde Polytechnic Osmanabad.	TY
19	Prof. R. M. Thavare	Public Health Engineering	24th Sep. 2019	V J Shinde Polytechnic Osmanabad.	TY

20	Prof.V. A. Salimath	Highway Engineering	24th Sep. 2019	V J Shinde Polytechnic Osmanabad.	TY
21	Prof. A. U. Phadnis	Structural Mechanics	24th Sep. 2019	V J Shinde Polytechnic Osmanabad.	TY
22	Prof. S. R. Nirantar	Surveying	24th Sep. 2019	V J Shinde Polytechnic Osmanabad.	TY
23	Prof. V. A. Salimath	Highway Engineering	25th Sep. 2019	SVIT, Solapur	TY
24	Prof. A. U. Phadnis	Structural Mechanics	25th Sep. 2019	SVIT, Solapur	TY
25	Prof. S. R. Nirantar	Surveying	25th Sep. 2019	SVIT, Solapur	TY
26	Prof. R. M. Thavare	Engg. Geology	8th Jan. 2020	S.V.S.M.D's Polytechnic, Akkalkot	TY
27	Dr. S. B. More	Geotechnical Engg.	8th Jan. 2020	S.V.S.M.D's Polytechnic, Akkalkot	TY
28	Prof. F. S. Kazi	Hydraulic Engg.	8th Jan. 2020	S.V.S.M.D's Polytechnic, Akkalkot	TY

c) Online Session Conducted for Polytechnics during Lockdown

Sr. No	Name of Faculty	Topic	Date	Name of Institute	Class
1	Dr. J. B. Dafedar	Design of RCC Structure	3rd Apr. 2020	All Polytechnics in and around Solapur, Osmanabad, Latur etc.	TY
2	Dr. S. S. Jahagirdar	Public Health Engg.	10th Apr. 2020	All Polytechnics in and around Solapur, Osmanabad, Latur etc.	TY

6) SHORT TERM COURSE/CONFERENCE/WORKSHOPS ATTENDED/ ORGANISED BY OUR FACULTY MEMBERS

To cope up with the recent technologies and advancement in the field of Civil Engineering, following Faculty members have attended Workshop, Seminar and Short term training programs at various Institutes.

1. Prof. G. J. Kulkarni, Prof. A. U. Phadnis, Prof. A. Y. Kankunla, Prof. S. M. Kale & Prof. V. A. Salimath attended One Day workshop on 'Linux' Organized by NK Orchid College of Engg. & Tech., Solapur (23rd Aug. 2019)

2. Dr. S. S. Jahagirdar attended Two day International Conference on "Management, Engineering and Social Science" organized by Institute for Research and publication on 23rd & 24th Aug. 2019 at Mumbai.

3. All faculty members of Civil Engg. Dept. attended Twelve week NPTEL course on "NBA Accreditation and Outcome based learning" conducted by MHRD, India & IIT Kharagpur (1st July to 16th Nov. 2019)

4. Dr. S. B. More attended One day workshop on "Virtual Lab" organized by MHRD, India & COE, Pune at WIT Solapur on 11th Oct. 2019.

5. Prof. S. M. Kale attended One Week workshop on "Research Methodology – Techniques and Softwares" organized by DBATU, Lonere & K. B. Patil College of Engg. Satara from 11th to 15th Nov. 2019.

6. All faculty members have attended one day workshop on Structural Audit, Assessment & Latest trends in Structural repairs & Retrofitting organized by NKOCET & ISSE Solapur on 22nd Jan. 2020

7. Dr. J. B. Dafedar, Dr. V. K. Patki, Dr. S. S. Jahagirdar, Prof. D.S.Pawar, Prof. R. G. Maske & Prof. R. M. Thavare attended One Day workshop on 'Special topics in Industry Applications' Sponsored by DBATU under TEQIP & Organized by NK Orchid College of Engg. & Tech., Solapur (3rd Jan. 2020)

8. Prof. S. M. Kale attended One Day Seminar on 'Geopolymer Concrete' Organized by ICI, Bangalore (18th Feb. 2020)

9. Prof. S. M. Kale, Prof. D. S.Pawar, Prof. F. K. Maniyar, Prof. F. S.Kazi & Prof. Anjan Kumar attended one day workshop on C & C++ language conducted by NK Orchid College of Engg. & Tech., Solapur & organized by MHRD, India

10. During Lockdown Period following faculty members have attended the Online workshops/ Seminars and conferences

a. Dr. V. K. Patki

Title of workshop/seminar/conference	Organized by
Online workshop on "Online Teaching"	QASPIR and Indian Universities
Course on "Engineering Mechanics"	Cousera
three week lecture series on "Leap Lecture Series"	Smart Infrastructural Engineering Hyderabad
one day workshop on "Covid 19 Awareness Program"	Shivaji University, Kolhapur
Completed Two week workshop on "Effective and Efficient online teaching in the age of Corona- A hands on Workshop"	ICT at IIT Bombay "BodhiTree Platform" (Funded by MHRD)

b. Dr. S. S. Jahagirdar

Title of workshop/seminar/conference	Organized by
1. One Month International FDP on “Environment and Sustainability”	DYPCOE, Akurdi
2. Course on “Air Pollution”	Coursera
3. Course on “Household Water Treatment and Safe Storage”	Coursera
4. Course on “Municipal waste Management in developing Country”	Coursera

c. Dr. S. B. More

Title of workshop/seminar/conference	Organized by
1. Course on “Matrix Algebra for Engineers”	Coursera
2. Course on “Mastering Statics”	Coursera
3. Course on “Introduction to Engineering Mechanics”	Coursera
4. Four Day Course on “Examination Reforms”	AICTE
5. Three days workshop on “Current Research in Civil Engineering”	TCE, Gadag
6. Webinar on “Outcome Based Education Software”	Vmedulife

d. Prof. S. R. Nirantar

Title of workshop/seminar/conference	Organized by
1. Three week FDP Course on “Whatsapp Outcome based Education”	DYPCOE, Akurdi
2. Course on “Introduction to Engineering Mechanics”	Coursera
3. One week FDP on “BOSS Linux”	Spoken Tutorial Project IIT Bombay
4. Training on “Effective and Efficient Online Teaching”	IIT, Bombay
5. One Day Live Session on “Education and Industry 2020”	DBATU, Lonere

e) Prof. A. Y. Kankuntla

Title of workshop/seminar/conference	Organized by
1. One week FDP on “Technical Teachers Training”	VIT, Pal
2. Elearning program on Primary Steel Making	TATA STEEL
3. One Day Live Session on “Education and Industry 2020”	DBATU, Lonere
4. 3 days webinar on “Research Technique and Challenges”	SSJCOET, Thane
5. STP On “Innovation and Upgradation in Infrastructure Technology”	TERNA

f) Prof. G. J. Kulkarni

Title of workshop/seminar/conference	Organized by
1. One Month International FDP on “Environment and Sustainability”	DYPCOE, Akurdi
2. Course on “Entrepreneurship”	Coursera
3. Webinar on “Use of Construction Chemicals in Construction Industry”	RIT, Islampur
4. STP On “Innovation and Upgradation in Infrastructure Technology”	TERNA

g) Prof. D. S. Pawar

Title of workshop/seminar/conference	Organized by
1. Elearning program on Primary Steel Making	TATA STEEL
2. Course on “Mechanics of Materials III Beam Bending”	Coursera

h) Prof. A. U. Phadnis

Title of workshop/seminar/conference	Organized by
1. Course on “Mechanics of Materials III Beam Bending”	Coursera

i) Prof. S. M. Kale

Title of workshop/seminar/conference	Organized by
1. Course on “Mechanics of Materials III Beam Bending”	Coursera

j) Prof. R. G. Maske

Title of workshop/seminar/conference	Organized by
1. Elearning program on Primary Steel Making	TATA STEEL
2. Course on “Air Pollution”	Coursera
3. One week FDP on “Open Foam”	Spoken Tutorial Project IIT Bombay
4. 3 days workshop on Education 4.0	Atharv College of Engg., Mumbai
5. one week FDP on Industrial IOTS	Spoken Tutorial Project IIT Bombay
6. Webinar on “Earthquake Engineering and Technology”	ISET, Roorkee
7. One week FDP on “Metro Rail Technology”	RIT Islampur
8. One week FDP on “Outcome Based Education”	GCE, Karad
9. 5 days Webinar on “Indian Seismic Codes”	IIT, Madras
10. One week FDP on “Technical Teachers Training”	VIT, Pal

11. Training on “ Effective and Efficient Online Teaching”	IIT, Bombay
12. One week FDP on “ Moodle Learning Management System”	Spoken Tutorial Project IIT Bombay
13. Webinar on Sability Analysis of Steel Structure	Bentley Institute
14. One week FDP on “ GIT”	Spoken Tutorial Project IIT Bombay
15. webinar on “ Constriction Management Professionals & Aspirants”	Sandip University
16. One week STP on “ Smart and Sustainable world in concrete and structures”	AISSMSCOE, Pune

k) Prof. R. M. Thavare

Title of workshop/seminar/conference	Organized by
1. One Month International FDP on “Environment and Sustainability”	DYPCOE, Akurdi
2. Course on “Air Pollution”	Coursera
3. One week FDP on” BOSS Linux”	Spoken Tutorial Project IIT Bombay
4. 3 days workshop on Education 4.0	Atharv College of Engg., Mumbai
5. Webinar on “Use of Construction Chemicals in Construction Industry”	RIT, Islampur
6. One week FDP on” Engineering Education and Industry””	RGIT, Mumbai

l) Prof. D. N. Rajgiri

Title of workshop/seminar/conference	Organized by
1. Elearning program on Primary Steel Making	TATA STEEL
2. Course on “Fundamentals of Project Planning and Management”	Coursera
3. 3 days workshop on Education 4.0	Atharv College of Engg., Mumbai
4. One week FDP on “Latex”	Spoken Tutorial Project IIT Bombay
5. One week FDP on “AutoCAD”	Autodesk
6. 3 days webinar on “ Research Technique and Challenges”	SSJCOET, Thane
7. One Day Live Session on “Education and Industry 2020”	DBATU, Lonere
8. Three days workshop on “ Current Research in Civil Engineering”	TCE, Gadag

m) Prof. S. R. Kulkarni

Title of workshop/seminar/conference	Organized by
1. one week FDP on Industrial IOTS	DBATU Lonere
2. One week FDP on Vision for Future of Structural Engineering	ADCET, Ashta
3. One week FDP on” Open Foam”	Spoken Tutorial Project IIT Bombay
4. One week FDP on” Outcome Based Education”	GCE, Karad
5. One week FDP on “ GIT”	Spoken Tutorial Project IIT Bombay

n) Prof. F. S. Kazi

Title of workshop/seminar/conference	Organized by
1. Elearning program on Primary Steel Making	TATA STEEL
2. Course on “GIS”	Coursera
3. 3 days workshop on Education 4.0	Atharv College of Engg., Mumbai
4. Course on “GIS Mapping”	Coursera
5. Five days workshop on “ Advance in Civil Engineering”	NIT, Nagpur
6. Three days workshop on “ Current Research in Civil Engineering”	TCE, Gadag
7. Course on “GIS data acquisition and map design””	Coursera

o) Prof. V. S. Salimath

Title of workshop/seminar/conference	Organized by
1. One week FDP on “ GIT”	Spoken Tutorial Project IIT Bombay
2. Three days workshop on “ Current Research in Civil Engineering”	TCE, Gadag
3. 3 days webinar on “ Research Technique and Challenges”	SSJCOET, Thane
4. Course on “Mastering Bitumen for better roads”	Coursera
5. Course on “Materials Science”	Coursera

p) Prof. F. K. Maniyar

Title of workshop/seminar/conference	Organized by
1. Course on “Mastering Bitumen for better roads”	Coursera
2. One week FDP on Outcome Based Education and accreditation”	IILMCOET
3. One week FDP on “ GIT”	Spoken Tutorial Project IIT Bombay
4. Three days workshop on “ Current	TCE, Gadag

Research in Civil Engineering”	
5. 3 days webinar on “ Research Technique and Challenges”	SSJCOET, Thane

q)Prof. Anjan Kumar

Title of workshop/seminar/conference	Organized by
1. Webinar on “Use of Construction Chemicals in Construction Industry”	RIT, Islampur
2. Course on “Mechanics of Materials III Beam Bending”	Coursera
3. Three days workshop on “ Current Research in Civil Engineering”	TCE, Gadag
4. 3 days webinar on “ Research Technique and Challenges”	SSJCOET, Thane

7) CO-CURRICULAR COURSES FOR STUDENTS

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. It is conducted by Mr. Bajaj and Ms. Solomon, IEI Belapur Chapter, Navi Mumbai.(21st to 26th May 2019)
- 3) Prof. S. M. Kale conducted Two Days workshop on “**C Programming**” for SE 144 Students. (15th Sep. to 17th Sep. 2019)
- 4) Prof. P. A. Sangave, Prof. R. G. Maske & Prof. A. Y. Kankuntlla conducted Two week Online workshop on **STAAD-Pro Software** for **54 External Civil Engineers** .(1st June 2020 to 15th June 2020) & (17th June 2020 to 04th July 2020)
- 5) Prof. P. A. Sangave, Prof. R. G. Maske & Prof. A. Y. Kankuntlla conducted Two week Online workshop on **STAAD-Pro Software** for **15 External Civil Engineers** .(22nd June 2020 to 06th July 2020)
- 6) Prof. S. M. Kale, Prof. S. R. Kulkarni & Mr. Vasim Shaikh conducted Two week Online workshop on **Auto CAD** for **23 External Civil Engineers** .(24th June 2020 to 8th July 2020)
- 7) Prof. P. A. Sangave & Prof. A. Y. Kankuntlla conducted Two week Online workshop on **Advance STAAD-Pro Software** for **23 External Civil Engineers** .(24th June 2020 to 8th July 2020)
- 8) Prof. R. G. Maske Organized One week workshop on **Revit Software** for **26 External Civil Engineers** conducted by Ms. Solomon, IEI Belapur Chapter, Navi Mumbai.(22nd June 2020 to 06th July 2020)

8) NPTEL COURSES

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:

Sr. No.	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 Toppers :**

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%	
3	Navin Chatla	94%		

9) CONTRIBUTION OF FACULTY MEMBERS IN VARIOUS DEPARTMENTAL & INSTITUTIONAL ACTIVITIES:

There has been active participation of our faculty members in various departmental and Institute level activities. The details are as follows:

Sr. No	Name of faculty	Contribution
1.	Dr. V. K. Patki	Head, Dept. of Civil Engg.
		Core- Committee member
		Grievance Redressal Committee Member
2.	Dr. S. S. Jahagirdar	Dean R&D
		Core- Committee member
		Grievance Redressal Committee Member
3.	Prof. S. B. More	Member of Library Committee
4.	Prof . S. R. Nirantar	Proctor Co-ordinator
5.	Prof. D. S. Pawar	Training and Placement Co-ordinator
6.	Prof. S. M. Kale	GATE Co-ordinator & Departmental Career Counselor

		PG Co-ordinator
7.	Prof. S. R. Kulkarni	Institute Landscaping Incharge
		CESA Faculty Co-ordinators
8.	Prof. G. J. Kulkarni	Industry Institute Co-ordinator
		Testing and Consultancy Co-ordinator
9.	Prof. A. U. Phadnis	Project Co-ordinator
		OrchiTech- 2019 Co-ordinator
10.	Prof. R. M. Thavare	Time Table Co-ordinator
		Result Analysis Co-ordinator
		Department Test Co-ordinators
11.	Prof. F. K. Maniyar	Departmental Library Co-ordinator.
12.	Prof. R. G. Maske	Industrial Training Co-ordinator
13.	Prof. D. N. Rajgiri	Solapur University Oral Examination
14.	Prof. V. A. Salimath	Term work Co-ordinator
15.	Prof. A. Y. Kankuntla	Apprend Co-ordinator
		ERP Co-ordinator.
		Website Co-ordinator.

	Kamble (BE)	Quiz	NBNSCOE, Solapur	
7	Ms. Sneha Kairamkonda (TE)	Poster Presentation	Kshitij2k20 SVERI Pandharpur	Second
8	Mr. Vitkar Dnyaneshwar (TE)	CAD Race	OLYMPUS 2k19 SVERI Pandharpur	First

11) CIVIL ENGINEERING STUDENTS ASSOCIATION (CESA) ACTIVITIES

a) CESA Committee Members:

Following students have worked as office bearers of Civil Engineering Students Association (CESA) for the academic year 2019-20.

Sr. No.	Post	Name of the Students
1	President	Miss. Soni Dilip Chavan
2	Vice President	Mr. Sanket Sandip Kashid
3	General Secretary	Mr. Rushikesh Rahul Patil
4	Main Treasurer	Mr. Utkarshraje Jadhav Mr. Ganesh Chavan
5	Cultural Co-ordinator	Miss. Vinaya Sarwade Mr. Jayendra Mittapalli
6	Sports Co-ordinator	Mr. Faizaan Mujawar Mr. Akshay Yeole
7	Publicity Head	Miss. Richa Sanga Miss. Samiksha Maske
8	Technical Head	Mr. Shantanu Sarwade Miss. Bhakti Sargam
9	Food Co-ordinator	Mr. Sanket Patil Mr. Akash Dhaigode
10	Adviser / News Head	Miss. Shraddha Badole Mr. Prajwal Nora
11	Asst. Cultural Co-ordinator	Mr. Akshay Pawar Miss. Rohini Jadhav
12	Asst. Sports Co-ordinator	Mr. Junaid Vijapure Mr. Shashank Sarwade
13	Asst. Treasurer	Mr. Mayur Venkappa Pudur
14	Asst. Food Co-ordinator	Mr. Prajwal Vyavahare
15	Asst. Publicity Co-ordinator	Mr. Rushikesh Bharti Mr. Guruprasad Patil
16	Anchoring Team Head	Miss. Manali P Lokare Mr. Akash kanurkar
17	Discipline Committee Head	Mr. Yash Kshirsagar Mr. Sagar Mali

10) 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 Competition	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	Technical	DISTA- 20	Second

b) Events Organized by CESA :

Following Expert lectures and Events were conducted for the students through the CESA.

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 Career 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)

12) EDUCATIONAL TRIPS AND VISITS

To understand the practical aspects of Civil Engineering students have visited various Industries & sites. The details are as follows:

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)	
5	Mayuresh Appartment,	Prof. S .R. Kulkarni

	Vasant Vihar, Solapur (15 th Feb. 2020)	(for BPD)
6	Vasant Vihar, Solapur (15 th Feb. 2020)	
7	Solapur Mangalwedha Highway, Solapur. (18 th Oct. 2019)	Prof.. V. A. Salimath & Prof. F.K. Maniyar (TRE)
S.E.		
8	1)Baldawa Hospital, Solapur (5 th Aug. 2019)	Prof. S.R.Kulkarni (BC)

13) ONLINE WORK CARRIED DURING LOCKDOWN

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

- 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.
- Online test series, CA-II and Mid Sem examination for every class
- Online project presentations for TE and BE classes.
- Conducted online Alumni Meet on 28th June 2020 on Zoom Platform. 46 Alumni's have attended the meet and shared their views.
- online Send off for Final year students using college Youtube channel.

14) PG ACTIVITY

From A.Y. 2012-13 Post Graduation in Structural Engg. has been started with intake capacity of 18. Prof. S. M. Kale is the PG coordinator. Uptil now **38** students have completed their PG.

15) DEPARTMENT ADVISORY BOARD (DAB)

Civil Engineering Department has formed Department Advisory Board(DAB) and conducted meeting of all DAB members on 10th May 2020. Following are the member of DAB Committee

Sr. No.	Name of DAB Member	Designation	Name of Institute/Company
1	Dr. J. B. Dafedar	Principal	NKOCET, Solapur
2	Dr. V. K. Patki	HOD	NKOCET, Solapur
3	Dr. Katta Venatramman	Professor	NITK, Surathkal

4	Dr. Shrihari	Professor	NITK, Surathkal
5	Dr. Bakul Rao	Professor	IIT, Bombay
6	Dr. Munavalli	Professor	WCE, Sangli
7	Dr.K.S.Gumas te	Professor	WCE, Sangli
8	Er.Rajesh Bhate	Director	Raje and Bhate Associates Pune
9	Er. Bajaj	Director	IEI Belapur, Navi Mumbai
10	Er. Satish Nawale	Dy.Director	Shinde Developers,Pune
11`	Er. Solamon	Director	IEI Belapur, Navi Mumbai
12	Er. Om Darak	Practicing Engineer	Secretary, ISSE, Solapur
13	Er. Sidhant Pawar	BIM Trainer	Thinktech Engineers, Pune
14	Er. Rohan Shiral (Alumni)	Deputy Engineer	Mumbai Metro Rail Co. Ltd.
15	Er. Ravi Shetti (Alumni)	Senior Engineer	Aspire Projects & Services Oman

16) SOCIAL ACTIVITIES OF STUDENTS

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.

(Dr. V. K. Patki)
Head
Department of Civil Engineering