



Annual Newsletter



DEPARTMENT OF CIVIL ENGINEERING

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About Department....

The educational mission of the Civil Engineering undergraduate program is to provide students with a multidisciplinary curriculum that is fundamental, yet broad and flexible, to produce graduates who are well-grounded in mathematical, scientific, and technical knowledge; have the ability to analyze, evaluate, and design civil engineering systems; have the ability to communicate effectively; have had meaningful opportunities for undergraduate research; and who have acquired an understanding and appreciation for global and societal issues and are thus prepared for a career path toward leadership in industry, government, and academia.

Guest lecture on Bentley Services & Autodesk Products (28th August 2018)

A guest lecture on the use of Bentley Services and Autodesk Products in civil engineering applications was organized on 28th August 2018 from 12:45 to 02:45pm for the students of third and final year Civilengineering. Lecture on the use of Bentley Services was conducted by Mr. Prabhat Bhatt, Bentley Systems India Pvt. Ltd., Mumbai. Guest gave the information on the use of Staad Pro for civil engineering structures analysis and design. He also put light on thumb rules used for validating the results obtained from software by manual methods. Lecture on the use of Autodesk products was conducted by Mr. Vishal Musale, Capricot Technologies, Mumbai. Guest gave the information on the use of Autocad 2D & 3D for civil engineering structures planning and modeling. The students got a brief knowledge about the software and showed their interest in learning the software and showed their gratitude to the guests by expressing their views and proposing the vote of thanks.

Guest lecture on Civil Engineering Softwares (13th August 2018)

A guest lecture on awareness of civil engineering software was organized on 13th August 2018 from 12:45 to 02:45pm for the students of TE Civil engineering. The lecture was conducted by Mr. Hitesh Lahoti of Civil Engg. Software Academy, Pune. The expert gave the students information about different software such as Autocad, Staad Pro 2005 and Etabs. The expert also gave a brief introduction of these software applications in the civil engineering field. The students got a brief knowledge about the software and showed their interest in learning the software and showed their gratitude to the guests by expressing their views and proposing the vote of thanks.



SGI Foundation Day (10th August 2017)

I. Mini-Conference



On account of SGI Foundation Day on 10th of August, 2018 four events were organized for students of Department of Civil Engineering. For the students of Final year civil engineering, a mini-conference was conducted so as the students could get exposure for preparation of research papers and its time-bound presentation before the committee. The one page summary of students projects was published in proceedings of "Mini-Conference on Civil Engineering" based on final year UG project for the academic year 2018-19.

The event was inaugurated by the launching the proceedings of project synopsis by the auspicious hands of Dr. N. K. Patil, HOD, Dept. of Civil Engineering and also in the presence of faculties and students of the department of civil engineering. All faculties were glad that the department took such an initiative for the students. The students securing ranks based on mini-conference will be receiving a research grant for conducting their projects in a said academic year. All the students of final year civil engineering actively participated in the event and made it a grant success. The students were very happy and grateful to the department. The students also expressed that many such technical events should be conducted. The event was concluded announcing the names of group securing winners and runner-ups position and proposing a vote of thanks by co-ordinator Dr. A.D.Katdare.

II.Quiz Competition Held on SGI Foundation Day



On account of SGI Foundation Day on 10th of August' 2018, quiz competition was conducted in the Department of civil engineering for students for the second year. The inauguration of the event was done by auspicious hands of Dr.N.K.Patil,HOD, department of civil engineering. All the faculty and students of the department were present for the inauguration. The quiz competition was held in three rounds out of which first round was based on general knowledge, second on aptitude and third round on technical knowledge. Students actively participated in the event and made it a grand

success and expressed their gratitude towards the department. Students wished that more such events should be organized so that the students could get exposure for such competitions. The program was concluded with announcing winners and runner-ups and vote of thanks proposed by CESA co-ordinator Mr. Deepak Gunjagi.

III. Smart survey and AutoCAD Competition Held on SGI Foundation Day

On account of SGI Foundation Day on 10th of August' 2018, Smart Survey and AutoCAD Design competitions were conducted in Department of civil engineering for students for the thirdyear. The inauguration of the event was done by auspicious hands of Dr. N. K. Patil, HOD, department of civil engineering. All the faculty & students of the department were present for the inauguration. The AutoCAD Design competition was held in two rounds out of which the first round was written objective type questions based on AutoCAD commands and final round was to prepare building plan using AutoCAD. The Smart survey competition was held in three rounds of which first round was objective type questions based on surveying, the second round was an explanation of survey equipment's with their on-field applications and the third round was conducting the on-fieldsurvey. Students actively participated in the event and made it a grand success and expressed their gratitude towards the department. Students wished that more such events should be organized so that the students could get exposure for such competitions. The program was concluded with announcing the winners and runner-ups and vote of thanks proposed by CESA co-ordinator Mr. Deepak Gunjagi

Industrial and Educational Visits

I.150-year-old Shivaji Bridge, Kolhapur(12-13 January 2018)...

Educational visit of M- tech Student on Jan, 12-13, 2018 at 150-year-old Shivaji Bridge, Kolhapur, India for structural audit & assessment of masonry bridge



II.Gokak, Badami, Pattadkal & Kudal Sangam(30-31 Aug 2018)

Academic Visit of Advanced Engineering Geology was arranged at Gokak, Badami, Pattadkal & Kudal Sangam for final year student. Students were visited spots having Engineering Geological importance. Also studied stratification, conglomerate exposure, strike and dip are seen in the River Ghataprabha. Second day end with Badami Cave, engineering structure as well as archeological work. of Pattadkal and Ahiole.



III. Study Visit at Vasco, Goa (8 January 2018)

Students Chapter of Sanjay Ghodawat Group of Institutions (SGI) of American Concrete Institute (ACI) was organized a study tour on January 18, 2018, at Construction operation of 4 lanes NH17(B) from Varnapuri to Sada 5.2 km & elevated road cum flyover cum ROB from RavindraBhavan junction to Gate no. 09, Biana Beach, Vasco, Goa. During the visit we observed process of pile driving upto 28-30m depth, prestress of 'I' girders, execution, and design. Also, study operation, working, safety precautions taken at the site by GAMMON India Pvt. Ltd, Mumbai. Students also visited Concrete Mix Plant where student understand the process of making good



quality of concrete, the automatic weighing balance of ingredients of concrete, horizontal pan mixture, storage of cementitious materials and working of transit mixer. Students are given a very good exposure regarding the quality of concrete when they visited concrete technology laboratory. They understand the importance of periodical checking of quality of ingredient of concrete, the various standard format used to check and

Concrete Fest 2k18 (12-17 February 2018)

Sanjay Ghodawat Group of Institutions (SGI) and Students Chapter of American Concrete Institute (ACI) organized Concrete Fest 2K18 at Kolhapur, Maharashtra, India during February 12-17, 2018. Five days' festival headed with a national level workshop on "Repair & Strengthening Concrete Structure" during February 12-13, 2018.

Concrete Fest 2k18 was inaugurated at Sanjay Ghodawat Group of Institutions (SGI) Atigre, Kolhapur, Maharashtra, India on Monday, February 12, 2018. Dr. SurendraManjrekar, Honorary Member of American Concrete Institute was the Chief Guest for the function. The ceremony commenced with the welcome address by Dr. N. K. Patil, Professor, and Head, Department of Civil Engineering, SGI. This was followed by Chief Guest address by Dr. S.K. Manjarekar. He addressed to participants about ACI online library where plenty of literature available to upgrade knowledge about concrete technology. He also appreciated the progress of SGI and wished the best luck for bright future of Sanjay Ghodawat University, Kolhapur. Dr. V.A. Raikar, Vice Chancellor of Sanjay Ghodawat University gave the presidential address. He gave assurance to the participant that, within a few years Concrete Fest will become an international platform where students can exchange their knowledge with experts from all around the globe.



Dr. Surendra Manjrekar, Honorary Member of American Concrete Institute, address during Inauguration of "Concrete Fest 2018"



Dr. V.A. Raikar, Vice Chancellor of Sanjay Ghodawat University, Kolhapur, felicitated Chief Guest during Inauguration of "Concrete Fest 2k18"

Co-Curricular activities

I.National Level Workshop on Repair & Strengthening Concrete Structure

The objective of the program was to make participants familiar with present theory and practices in repair and strengthening the concrete structure.

Dr. SurendraManjrekar and Er.Mike Enavs, ARUP International with office bearer of SGI Student Chapter of ACI.



The program was scheduled in seven sessions headed by Dr. S.K. Manjarekar on newer and more robust technologies to mitigate RCC corrosion to have lasting repairs. The second and third session on Day 1 was headed by Er. Mike Evans, Arup International, London on details evaluation and repair of Nuclear Power Plant, North Wales, London. Fourth session on Day 2 was headed by Prof. Chetan S Patil, Assistant Professor, Sanjay Ghodawat Group of Institutions (SGI) on Non-Destructive Testing of concrete structures and its application with the limitation of use of the NDT equipment. The fifth session was conducted by Er. Alok Kher from Arup, Hong Kong. He delivered session through a live webinar on detailed seismic assessment and retrofit design of a building in Dhaka, Bangladesh. Last two sessions were delivered by Dr. Mangesh V. Joshi, CEO, Sanrachana Structural Strengthening Pvt Ltd, Thane on repairs of concrete structure by using innovative techniques such as epoxy resin, glass fiber wrapping, and sheathing etc.



Dr. Mangesh V. Joshi, CEO, Sanrachana Structural Strengthening Pvt Ltd, Thane



Faculty and Student Participants in National Level Workshop on Repair & Strengthening Concrete Structure "Concrete Fest 2018"

II. A Hand-on Training Program on NDT on Concrete Structure (13 February 2018)

A Hands-on Training Program on NDT on Concrete Structure" for PG/UG Students on February 13, 2018, at SGI, Civil Engineering Department was organized. More than 200 students participated in this workshop. One session explained the fundamentals of NDT and other session explained different testing techniques used in NDT on concrete. Prof. K.G. Hiraskar, Department of Civil Engineering, K.I. T's College of Engineering, Kolhapur was the resource person for this workshop. In afternoon session students experienced hands-on field testing with Summit Rebound Hammer, Ultrasonic Pulse Velocity Meter, Profometer and Profoscope (Advanced cover meters for rebar location and measurement of concrete cover and rebar size).



Prof. K.G. Hiraskar, conducted hand on an experiment on Rebound Hammer in "Concrete Fest 2018"



Student participant with expert Mr. C.S. Patil for One Day Course on NDT on Concrete Structure of "Concrete Fest 2018"

III. National level conference on Sustainability in Civil Engineering practices (14-15 Feb 2018)

The purpose of the conference was to provide an insight in the area of sustainability in Civil Engineering practices. The primary motivation of this competition was to enhance the ability of students to deliver a visual presentation with and without any audio-visual aids. More than 40 papers were presented during the paper presentation competition. Prof. Abhay Joshi, Dr. D.Y. Patil College of Engineering, Kolhapur, India was the main judge for this competition. First prize was bagged by Ms. Pramodini Patil from Walchand College of Engineering, Sangli, India. In second position Ms. Pooja Joshi and Ms. Sharayu Joshi from Sanjay Ghodawat Group of Institution, Kolhapur, India.

The third position was held by Mr. Shubham Powar and Mr. Vaibhav Pudale from JSPM College of Engineering, Pune, India. In poster presentation, more than 35 posters were displayed during competition. Er. Hemang Shah, S.N. Builders, Kolhapur, India was external judge and Prof. N.M. Patil, Assistant Professor, was an internal judge for this competition. The first position was held by Ms. PratikshaKatakar, Singhgad Institute of Engineering, Pune, India. Mr. Shubham Khairnar & Mr. SatishDighule from Second position Singhgad Institute of Engineering, Pune, India stood at the second position. The third position was held by Ms. Prajakta Deshmane and Mr. PrajaktaJadhav from Sanjay Ghodawat Group of Institution, Kolhapur, India.



First prize winner was Ms. PramodiniPatil from Walchand College of Engineering, Sangli, Indian Paper Presentation Contest of "Concrete Fest 2018"



Student participant in Poster Presentation Competition "Concrete Fest 2018"

IV.Pervious Concrete Cylinder Contest (16-17 February 2018)

Team were challenged to apply sustainability concepts & to use their knowledge of concrete mixture design by producing pervious concrete that balances permeability and splitting tensile strength. Cylinders shall be 100 mm in diameter and 150 mm in length tested for falling head permeability test by using fiber reinforced concrete. 46 group (250 students) participated in Pervious Concrete Cylinder Contest during "Concrete Fest 2k18". Prof. K.G. Hiraskar, K.I. T's College of Engineering, Kolhapur as external judge and Prof. V.G. Khurd, Sanjay Ghodawat



First Prize Winner in Pervious Concrete Cylinder Contest of "Concrete Fest 2018"

Group of Institution, Kolhapur worked as an internal judge for this contest. More than, total of 600 Civil Engineering Students and 80 faculty & consultant engineers participated in five national level events. First prize of Rs. 10,000/- awarded to Mr. Pranav Wadgule, Mr. Amar Patil, Mr. VishwajitShinde, Mr. Mohan Gorule, Mr. PravinSawant from Dr. A. D. Shinde Institute of Technology, Kolhapur, Second prize of Rs. 7000/- was awarded to Mr. Pratik Gosavi, Mr. GorakhnathParit, Mr. ChetanSanale, Mr. Abhijit Chavan and Mr. OmkarModake from Dr. D.Y. Patil College of Engineering, Kolhapur, Institutional first prize of Rs. 5000/- awarded to Mr. AkshayMadekar, Mr. RohitJathar, Mr. OmkarKadukar, Mr. SurajPatane and Mr. OmkarArade from Sanjay Ghodawat Group of Institution, Kolhapur, India. Institutional Second prize of Rs. 3000/- awarded to Mr. VaibhavPatil, Mr. TusharRupnar, Mr. Sourabh Patil, Ms. ShilpaPatil and Mr. PadmashreeBindage

V. Alumni Meet held at Pune got a huge response (23rd February 2018)

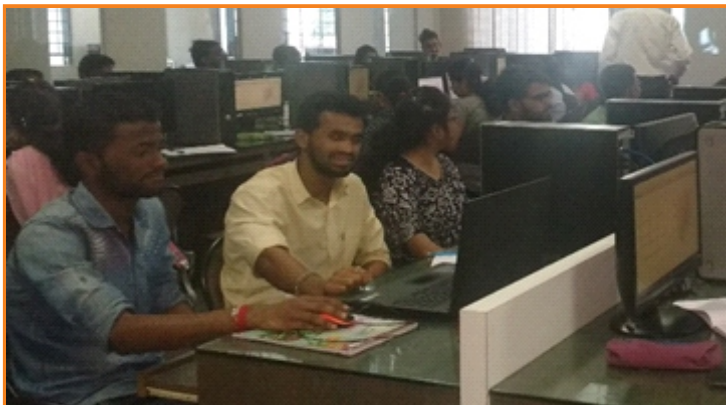
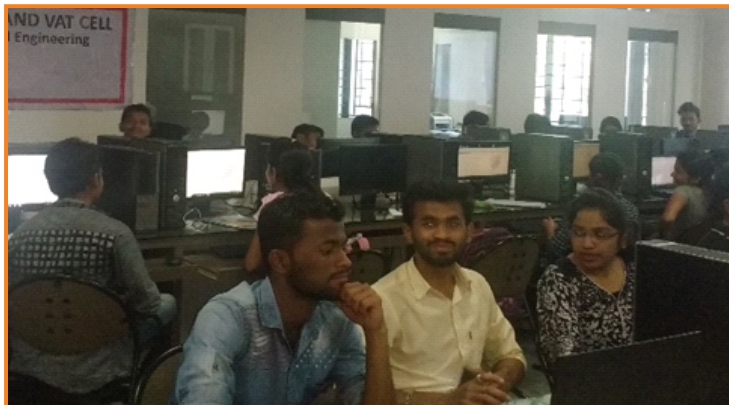
The Alumni Meet was held at Pune (Gharkul Lawn 100 D. P. Road Brandon) on 23rd Feb, 2018 6 p.m. onwards. Around more than 300 alumni who were the ex-students for Engineering and Management were present for the grand function. The students, Mr. AmitNaik, and Mr. PranavDharurkar, during this function, expressed their views and suggestions for the Institute as well as Sanjay Ghodawat University. Many of them now professionals and some entrepreneurs were overjoyed to be present at their alma mater. They expressed their gratitude towards their teachers and the Institute for helping them to achieve their dreams. The institute had also arranged for a grand lunch party for the alumni that the ex-students relished after the program.

Dr. V. V. Kulkarni, Director SGI gave the welcome speech. The dignitaries from Sanjay Ghodawat Institute & Sanjay Ghodawat University present during this time were the, Dr. V. A. Raikar, Vice Chancellor, SGU, gave the keynote address and informed about the newly formed Sanjay Ghodawat University and courses. The Trustee, Mr. VinayakBhosale who assured his full support for the SGI Alumni Association and expressed his best wishes for their careers. The director, Dr. M. T. Telsang guided the alumni on the future possibilities and opportunities. Mr. A. R. SarkarTPO SGI explained the TOP activities at SGI. All HOD's and cell coordinators were present on that day. Mr. Arjun Patil gave the vote of thanks. Mr. PravinBidkar took great efforts in arranging the program along with Mr. ArjunPatil, Mr. SujeetPatil, Mr. Abhijeet Latkar, Mr. A.A Lole, Mr. Uday Mane, and Naveen Kulkarni. The program was anchored by Mr. SohanTiwade.

VAT Cell

I. Software Training Programm on SAP2000(28th, 29th, and 30th September 2018)

Resource Person- Prof. V. S. Patil



II. One day workshop on Introduction to Microsoft Project (9th October 2018).

Resource person: 1.Mr. S. B. Kore (Asst. Prof.) 2.Mr. N. M. Patil (Asst. Prof.)



Co-Curricular activities

I. Guru Purnima- 2018 (27th July 2018)

Guru Purnima was celebrated by Department of Civil Engg. on 27th July 2018. All the faculties – teaching and non-teaching & students of the department were present for the function. The function was inaugurated by veneration of photos of goddess Saraswati and mother of institute Sou. Sushila Danchand Ghodawat. The welcome speech was delivered by Mr. Ganesh Dudhnaile, President, CESA. Felicitation of chief guest, Mr. Vikrant Nikam of ALBEDO Foundation, Nashik was done by hands of HOD, Dept. of Civil Engg. Dr. N.K. Patil. Students also felicitated all the teaching and non-teaching faculties of the department. Guest lecture on Remote Sensing and GIS application in Water Resources Engineering was also conducted by chief guest Mr. Vikrant Nikam. The function was concluded by proposing a vote of thanks by CESA Vice-President Mr. JayrajLigade and distributing tea and snacks for all present.



II. Participation of SGI in Unnat Bharat Abhiyan (April 2018)

Sanjay Ghodawat Institute has joined Unnat Bharat Abhiyan (UBA), an initiative taken by AICTE in April 2018. Under this program, SGI has adopted villages from the nearby area. Prior to UBA The primary objective behind this activity is to

- To bridge the gap between society and educational institute
- To help villages for development
- To aware students about social issues and their role

Initially, SGI has conducted meetings with *Sarpanch* and members of *Gram panchayat* to understand needs & root level problems in ten villages. Out of these ten villages, one village is short listed, *Laxmiwadi (Hatkangale, Kolhapur)* to implement social innovation scheme. *Laxmiwadi* village is selected, as it is in underdeveloped stage due to the following reasons

- Lack of water for irrigation system
- Geographical location: It lies in outskirts of the district
- Unemployment in youth
- Low per capita income

After carrying multiple surveys and site visit by administrative body faculties and student of SGI, following problem are identified in Laxmiwadi village.

- Leakages in minor irrigation projects
- Improper Wastewater disposal
- Lack of playground for the school
- Lack of sufficient trees or greenery
- Lack of basic equipment and digital devices in school
- Lack of awareness regarding hygienic, health, employment opportunities, organic and advanced farming and government schemes among villagers

Student and faculty team of SGI is working on the above problems. SGI promises to minimize these problems of Laxmiwadi village with the help of Unnat Bharat Abhiyan.



Faculty Achievements

- Dr. Patil N. K. felicitate by State level "VisheshSevashree", Award Business Express Shree Foundation.
- Prof. Patil C. S. felicitate by "Dr. Khalid Award", President ACI, for a mentoring student for Concrete Mix design.
- Prof. C.S. Patil awarded with Best Student Mentoring Award in 3rd R. N. Raikar Memorial International Conference, MUMBAI, on 14-15 December 2018
- Prof. V. S. Patil, Associate Professor, Department of Civil Engineering, has completed his Ph.D. from Shivaji University, Kolhapur.



Departmental Achievements

- Department of civil engineering got NBA accredited for next 3 year by AICTE, New Delhi
- Department of Civil Engineering established NDT Laboratory of worth Rupees 20 lakh, and it was inaugurated by Dr. C.S. Manohar professor from Indian Institute of Science, Bangalore
- Department of Civil Engineering established Structural Dynamics Laboratory of worth Rupees 20 lakh.



Student Achievement



Mr. Akshay Chougale achieved 1st Position in IC-ACI Students Essay Competition- 2018 organized by ICACI, Mumbai



Final year student achieved 2nd Position in Concrete Cube Test Competition – 2018 organized by ICACI, Mumbai



Mr. Yash K. Lohana achieved 3rd Position in IC-ACI Students Essay Competition- 2018 organized by ICACI, Mumbai



Ms. Vaishnavi V. Deshinge achieved 2nd Position in IC-ACI Students' Essay Competition- 2018 organized by ICACI, Mumbai

- ◆ Four students from S.Y. Btech selected for UG fellowship in abroad
 - Nihal Jain • Santosh Pawar • Khushal Gulecha • Rushikesh Shelake
- ◆ Final year Civil Engineering Student Mr. Rohit More has registered for Patent.

R&D Activities - Workshops /FDPs attended by faculty members

Sr. No	Name of the Faculty	Title of Workshops /FDPs	Duration From - To	Organized by	International/National/ University/College level
01	Mr. Desai Ravindra M	AICTE- ISTE sponsored STTP on "Advanced Structural Dynamic Analysis And Its Applications To Civil Engineering"	04 th to 09 th June 2018	Department of Civil Engg, SVERI's COE Pandharpur	National level

02	Mr. Khurd Virupaksh G.	AICTE- ISTE sponsored STTP on “Advanced Structural Dynamic Analysis And Its Applications To Civil Engineering”	04 th to 09 th June 2018	Department of Civil Engineering, SVERI's COE Pandharpur	National level
03	Mr. Patil Sachin P.	AICTE- ISTE sponsored STTP on “Advanced Structural Dynamic Analysis And Its Applications To Civil Engineering”	04 th to 09 th June 2018	Department of Civil Engineering, SVERI's COE Pandharpur	National level
04	Mr. N.K.Patil	Advanced Structural Analysis and Design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
05	Mr. Amey D. Katdare	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
06	Mr. Swastik S. Shinde	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
07	Mr. Swanand R. Kadam	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
08	Mr. Chetan. S.Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
09	Mr. Virupaksh G. Khurd	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
10	Mr. Sachin P. Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
11	Mr. Vishwas S. Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
12	Mr. Ravindra M. Desai	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
13	Mr. Nitish M. Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
14	Mr. Satalingappa P. Deshmukh	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
15	Mr. Abhijeet A. Koshti	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
16	Ms. Adnya S. Manjarekar	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
17	Mrs. S.A. Kulkarni	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
18	Mr.Ajitkumar A. Lole	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
19	Mr. Shripad B. Kore	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
20	Mr. Nikhil U. Bavane	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
21	Mr. Sagar B. Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
22	Ms. Supriya R. Patil	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level

23	Mr. Dipak A. Gunjagi	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Dept. of Civil Engg. And ACI	National level
24	Mr. Ajinkya S. Dixit	Structural Audit, retrofitting and NDT on Concrete Structures	4 th and 5 th Sept.2018	Dept. of Civil Engg KIT Kolhapur	National level
25	Ms. Pratiksha A. Aphale	Structural Audit, retrofitting and NDT on Concrete Structures	4 th and 5 th Sept.2018	Dept. of Civil Engg KIT Kolhapur	National level
26	Ms. Supriya R. Patil	Structural Audit, retrofitting and NDT on Concrete Structures	4 th and 5 th Sept.2018	Dept. of Civil Engg KIT Kolhapur	National level
27	Mr. Patil C.S.	Advancec in science & technology of concrete	14 th and 15 th Dec. 2018	Indian chapter of ACI	International level
28	Dr. Patil N.K.	Advancec in science & technology of concrete	14 th and 15 th Dec. 2018	Indian chapter of ACI	International level
29	Dr. Katdare A.D.	Advancec in science & technology of concrete	14 th and 15 th Dec. 2018	Indian chapter of ACI	International level

Workshop / FDPs organized by department

Sr.No	Title	Duration	Resource Person
01	Structural design of RC Multistoried Buildings	03 rd to 07 th July 2017	Mr. Prashant Hadkar, Mr. Patankar J P. Dr. Patil N.K., Mr. V.G. Khurd
02	Repairs and strengthening of concrete structures	12 th to 13 th February 2018	Dr. S.K. Manjarekar
03	Non Destructive testing of Concrete Structures	12 th to 13 th February 2018	Dr. S.K. Manjarekar
04	Advanced Structural Analysis and design Using MIDAS Gen	28 th & 29 th June 2018	Miss. Nivedita Technical Consultant, MIDAS R & D Center India PVT LTD.
05	Experimental Structural dynamics & application to civil engineering	August 2018	Mr. Shinde

Faculty Publications

Sr.No	Authors	Journal (Name, Year, Volume, Page)	Title of Article
01	Dr. V.S. Patil, Dr. S.N. Tande	Asian Journal of Civil Engineering (Springer), 30 th Jan. 2018.	Probabilistic Verses Deterministic method of Sismic Performance Evaluation
02	Dr. V.S. Patil, Dr. S.N. Tande	International Journal of Advanced Structural Engineering, Aug. 2018	Probabilistic seismic performance assessment of brick masonry infill reinforced concrete building
03	Dr. V.S. Patil, Dr. S.N. Tande	Journal of Structural Engineering, Vol. 45, No.3, Aug. 2018	Probabilistic Verses Deterministic method of Sismic Performance Evaluation
04	Ms. Joshilkar P D, Mr. Patil C S	International Research Journal of Engineering & Technology (IRJET), vol 6, Issue I, Jan. 2018.	Force Displacement Based Design of Steel Moment Resistance Frame
05	Ms. Pratima Patil, Mr. V.S. Patil	International Research Journal of Engineering & Technology (IRJET), VOL. 5, Issue I, Jan. 2018	Development of Fragility Curves for Seismic Vulnerability of Asymmetric RC Buildings Resting on Sloping Ground
06	Mrs. S S Shiyekar	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol.6, Issue II, Feb. 2018	Application of Multi objective Genetic Algorithm to Multipurpose Reservoir

07	Ms.Aqsa Faras, Mr.Khurd V.G	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 6, Issue VI, June 2018	Seismic Behaviour of RCC Circular Elevated Water tank.
08	Dr.V.S. Patil, Mr.R.M. Desai	International Journal of Research in Engineering application and Management (IJREAM) Special Issue ICSGUPSTM 2018	Probabilistic approach for Sustainable Seismic design for performance evaluation of existing buildings.
09	Mrs.S.S. Shiyekar, Dr.A.D.Katdare, Dr.N.K. Patil	International Journal of Research in Engineering application and Management (IJREAM) Special Issue ICSGUPSTM 2018	Possibility of Re-use of Waste plastic in roads: A review
10	Gunjagi D.A., N.K. Patil	International Journal of Research in Engineering application and Management (IJREAM) Special Issue ICSGUPSTM 2018	Effect of Replacement of Cement by Pozzocrete on strength parameters of plain and reinforced cement concrete.
11	Kamane S.K., Patil N.K.	International Journal of Research in Engineering application and Management (IJREAM) Special Issue ICSGUPSTM 2018	Study of torsional behaviour of steel I section bounded with fibre reinforced polymer sheet.
12	Dr. N K Patil	International Journal of Research Thoughts	Study of Superstructures & Substructure of Cable Stayed Bridge
13	Dr. N K Patil	International Journal of Research in Applied Science & Engineering Technology June 2018	Characteristic study of Cable Stayed and Extradosed Bridge
14	Dr. V. S Patil	International Journal of Research Thoughts	General Methodology for Seismic Evaluation of Buildings
15	Mr. V G Khurd	International Journal for Research in Applied Science & Engineering Technology Aug 2018	Effect of Different Reinforcement schemes & Column Shapes on the Response of RCC subject to Blast Loading
16	Mr. C S Patil	International Journal of Science and Advanced Research In Technology, July 2018	Study on Plan Irregularity of High Rise Building Spatial Moment Resisting Steel Frames
17	Mr. A. A Koshti	International Journal for Research in Applied Science & Engineering Technology Feb 2019	Seismic Response of Structures with Fluid Viscous Dampers
18	Dr. V. S Patil, Dr. S N Tande, Mr. C. S. Patil	Advances in Science & Technology of Concrete Dec. 2018	Fragility Analysis for Seismic Retrofitting Assessment of an Open Ground Storied RCC Building
19	Dr. N K Patil	Applied Science & Engineering Technology, Volume 5, Issue XI, June 2018	minerals Admixture on Characteristic of SCC
20	Mr. V. G. Khurd	International Journal of Research in Applied Science & Engineering Technology June 2018	Effect of Curvature on Bridge Deck
21	Mr. R. P Kambale, Mr. N U Bawane	International Journal of Engineering Trends and Technology, March 2019	The Effect of Stirrups Spacing on the Elasticity of Reinforced Cement Concrete Beam
22	Mr. Shripad Kore	International Journal of Research in Applied Science & Engineering Technology March 2018	Review on Advanced Traffic Management at Square in India
23	Mr. C S Patil, De. V B Patil, Dr. S. B. Kharmale	International Journal of Applied Engineering Research, Vol 14(1) 25543-25552-March 2019	Performance based Steel Moment Resisting Frame with Friction Dampers in different Bracing System
24	S. K. Kamane, Dr. N.K.Patil, Dr. B. R. Patgundi	International Journal of Research in Technology & Engineering ISSN:2277-3878, Volume 8, Issue-2, July 2019	Flexural Behaviour of Artificially Degraded Steel I section Externally Bonded with GFRP, BFRP & CFRP
25	C S Patil, Dr. N.K. Patil, 3rd R.N. Raikar	International Conference at Mumbai. Dec 2018	Durability of Fly Ash Concrete
26	Dr. N K Patil	International Journal of Research in Technology & Engineering, Vol 6, Issue-4, April 2019	Characteristic Study on Self Healing Concrete Using Lactate and Silica Fumes

Students Publications

Sr.No	Title	Duration	Resource Person
01	Miss. Rohini Kavthekar	International Journal of Research Thoughts	Study of Superstructures & Substructure of Cable Stayed Bridge
02	Miss. Rohini Kavthekar	International Journal of Research in Applied Science & Engineering Technology June 2018	Characteristic study of Cable Stayed and Extradosed Bridge
03	Mr. Pandit Ashwin	International Journal of Research Thoughts	General Methodology for Sesmic Evaluation of Buildings
04	Mr. Nikhil Patil	International Journal for Research in Applied Science & Engineering Technology Aug 2018	Effect of Different Reinforcement scemes & Column Shapes on the Response of RCC subject to Blast Loading
05	Miss. Nagma Shaikh	International Journal of Science & Advanced Research In Technology, July 2018	Study on Plan Irregularity of High Rise Building Spacial Moment Resistiong Steel Frames
06	Mr. Akitabaved A. Bagwan	Applied Science & Engineering Technology, Volume 5, Issue XI, June 2018	Minerals Admixture on Characteristic of SCC
07	Miss. Kojagiri D Kashid	International Journal of Research in Applied Science & Engineering Technology June 2018	Effect of Curvature on Bridge Deck
08	Mr. M. P Palkar	International Journal of Research in Technology & Engineering, Vol 6, Issue-4, April 2019	Characteristic Study on Self Healing Concrete Using Lactate and Silica Fumes
09	Omkar S. Mane, Kshitij K. Bhandari Swapnil S. Awalekar Ashishkumar R. Shinde Mahesh M. Yelpale	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 6 Issue III, March 2018.	Study of Micro Hydro Power Plant Installed on Kanher Canal
10	S. B. Patil, Sutar Pooja Telve Shraddha S Vardhan Rohit T. Mangave Sudarshan Yangare Suresh	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018-	Traffic Problems in Kolhapur City and their Solutions
11	Diksha S Jadhav, Ashwini D Magdum, Mayuri A Mane, Priyanka T Bhosale, Aishwarya V Kadam	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018.	Delay Analysis in Construction Project
12	Sourabh Pati, Vaibhav Patil, Telve Shilpa patil, Tushar Rupnar, Mangave Padmashri	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	Development of pervious pavement for the Effective Management of Storm water.
13	Chaudhari A.S, Deshmane P.H, Khedekar A.D., Jadhav P.S, Mangutkar T.N	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	Statistical Validation of Synthetic Unit Hydrograph for Ungauged Basin.
14	Waghmode Mahadev Masal Vikas A. Lokhande Rohit B. Yelmalle Santosh G Sawant Shubham J	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	Sea Water Distillation and Steam Power Generation

15	Vhate Dipak D, Banchhor Himanshu	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue IV, April 2018	Study of Effect on Compressive Strength by Replacing Natural Sand with Crushed Sand
16	Mr. Aniket Gaikwad Mr. Akshay Patil Mr. Kundlik Powar Mr. Nikhil Salunkhe	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	Mechanical Behaviour of Marble Dust in Partial Replacement of Cement and Sand in M-20 Grade Concrete
17	Dayanand Tavandkar Arvind Patil Abhinandan Kamble Jayshree Devkhul	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018.	Design of Water Treatment Plant for Atigre Village.
18	Mr. A.A. Lole Mr. S.V. Bhosale Mr. S.S. Kamble Mr.V.V.Jagadhane Mr. A. J. Gaikwad	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue IV, April 2018.	Morphometric Analysis of Alate Nala Basin, Kolhapur District, Maharashtra, India
19	Onkar Jadhav Shubham Yadav Amar Tande Prajyot Fasale Amarnath Kadam,	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018.	Experimental Study of Concrete Made With GGBS and Granite Powder
20	Ashwini D Chavan Amruta P. Bhosal Dhanshree Gajankush Vaishnavi Dhage Akshay A. Desai	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	To Study the Effect of Granite Powder on Concrete
21	Sourabh Patil Vaibhav Patil Shilpa Patil Tushar Rupnar Padmashri Bindage	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018-	Development of Pervious Pavement for the Effective Management of Stormwater
22	Arati Potdar Shantanu Wadkar Ruturaj Desai Rushikesh Patil Gaurav Tatkare	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018pp 2095-2098.	Predicting the Future Service Life of Road using Pavement Condition Index
23	S. S. Patil D. M. Patil A. A. Madekar S. S. Hadimani	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue III, March 2018	Use of Waste Plastic Aggregate as Partial Replacement of Natural Aggregate in Concrete Mix

Collaborations with Professional Bodies

- ◆ American Concrete Institute (ACI) ◆ Indian Society for Technical Education (ISTE)
- ◆ Indian Geotechnical Society (IGS) ◆ Institute for Steel Development & Growth. (INSDAG)
- ◆ Hydrology Project, Water Resources Department, Govt. of Maharashtra (India)

Consultancy Details

Our clients

- Prakash T. Mali
- Sanjay R. Patil
- Shalaka Infra Tech Pvt Ltd
- Sandeep Harale
- Ramchandra Infrastructure
- Prashant Mali
- SSDGC Trust
- Sambhapur Grampanchyat
- MIDC Kolhapur

CESA committee

Faculty coordinator	:	Prof. D.A.Gunjagi
President	:	Mr. Ganesh P. Dudhnaile
Vice President	:	Mr. Jayraj B. Ligade
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Ladies Representative	:	Miss. Pranali V. Mane
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	:	Miss. Prajakta A. Pattanshetti
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Academic Coordinator	:	Mr. Ganesh C. Gundesha
Discipline Committee	:	Mr. Preetkumar P. Patel
Food Committee	:	Mr. Rushikesh S. Majale

Shivaji Univercity Rankers 2017-18



Rishikesh Dilip Dinde

1st rank in
First Year

82.64%



Sutar Sufia Shakil

3rd rank in
First Year

76.00%

Department Toppers 2017-18

Rank	Year	Name	Percentage
1	BE Civil	Jadhav Prajakta Sanjay	74.81
2	BE Civil	Deshmane Prajakta Haridas	74.13
3	BE Civil	Sayyad Amir Mirasaheb	73.88
1	TE Civil	Khochage Sumedha Rajendra	73.88
2	TE Civil	Lohar Samiksha Balso	72.81
3	TE Civil	Naik Shubham Shivaji	72.38
1	SE Civil	Adivarekar Abhishek Adinath	70.75
2	SE Civil	Sardesai Satvik Shripad	68.63
3	SE Civil	Patil Sushil Shivaji	68.31