



D Y PATIL  
COLLEGE *of*  
ENGINEERING & TECHNOLOGY  
KASABA BAWADA

# D Y PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY, KOLHAPUR

Accredited by NAAC with 'A' Grade



# NEWSLETTER

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# ARCHITECTURE DEPARTMENT

## WORKSHOP CONDUCTED BY AR. PRAMOD BERI ON 'MEDITATION AND ARCHITECTURE'

A workshop on 'meditation and Architecture' was conducted on Friday 27th September 2019 by Ar. Pramod Beri. The workshop was conducted in 3 sessions. In first session Ar. Beri talked about aim of meditation which was to channelize our energy so that our thoughts worked like laser and also to increase our creativity and intuition which is required for Architecture. powerful universal energy field. In second session a video clip was shown on the advantages of meditation and how to meditate. A session on Subodh dhyam in which students were taught to breath watch, sound flooding with Om, third eye technique. In session III he discussed some built form for meditation. He talked about space and form and forms conducive for meditation. In the last session he conducted hands on experiment by creating spaces conducive to meditation by the students.



## Achievement of students in various national and international competitions.

Our alumni Ar. Yashashree Purohit has secured 86% in WADE Asia's competition for Asian students. WADE is an International level organization. She was nominated for of B.Arch Thesis – 'In search of UNKNOWN – A memorial – Study retreat center of Ar. Charles Correa. Our students – Siddharth Waze, Abhishek Naik and Saqib Mulla from Final year have been shortlisted in top 8 of the national level competition -The Drawing Board. Achievement of Fourth year students in Global Architectural Student Design competition - ARCHEAL. They were selected in Top 5 entries amongst 350 International entries organized by Hosmac Health care. They have been awarded second runner up (3rd ranking). Fourth yr. B.Arch students receiving first prize in Landscape competition organized by Garden's club, Kolhapur.



## Teacher's Training Programme "Integrating Effective And Innovative Methods For Technical Subjects In Architectural Curriculum" in collaboration with COA-TRC from 2nd Dec 2019 to 6th Dec 2019.

Department of Architecture had organized five days faculty development program on "Integrating Effective And Innovative Methods For Technical Subjects In Architectural Curriculum". The topic was chosen as technical subjects are equally important for the making of a good design. Objective of this FDP was to create a platform for education professionals and practitioners to get together, receive perspectives from various sources of different technical background and to enhance interactive learning teaching experience. Various speakers like Ar. Bharat Gowda, Ar. Vaishali Angal, Ar.T.S.Sagar, Ar.Mangesh Belsare, Dr.Asawari Bhawe, Ar.Pushkar Kanvinde and Ar.Vinish Desai shared with us the latest trends in technical subjects and how to create an environment for students to maximize in active learning so as to give to society a wholesome professional architect.



Study Tour to Ahmedabad and visit to Ar. B.V.Doshi's office Sangath –Vastu Shilpa.



Winner – General Championship and Reuben's trophy (Citation) for Zonal NASA-2019 at Jawaharlal Nehru Engineering College, Aurangabad.





Rank 3 – Yashashree Purohit



Rank 5 – Krutika Khot



Rank 9 – Partha Shrungarpure



Rank 10 – Tanvi Gaikwad

### Industrial Visit / Study Tour

Sr. No.	Date	Company Name	Number students Benefited
1	4 <sup>th</sup> July 2019	Tararani garden for Landscape development, Kolhapur	80
2	17 <sup>th</sup> August 2019	Golds gym for clubhouse design, Kolhapur.	84
3	21 <sup>st</sup> August 2019	Farmhouse case study, Gagan-Bawada,	76
4	11 <sup>th</sup> Sept. 2019	Study Tour at Ahmedabad	45
5	11 <sup>th</sup> Oct. 2019	Bungalow design by Ar. Umesh Raje, Ujlaiwadi-Kolhapur.	78

### Departmental Technical Events

Sr. No.	Date	Name of the activity (Guest lecture/Seminars/ Conferences/Workshops)
1	3 <sup>rd</sup> July 2019	Seminar by Apurva Mulani on personality Development
2	20 <sup>th</sup> Sept. 2019	Guest lecture by Ar. Chandan Patil on 'Site development' for Second year.
3	20 <sup>th</sup> Sept. 2019	Workshop on Origami by Archana Desai for First year
4	21 <sup>st</sup> Sept. 2019	Guest lecture by Er. I.S. Patil on 'Estimation and costing for Third year.
5	23 <sup>rd</sup> Sept. 2019	Seminar by Er. Herumbh kulkarni on 'Services in museum buildings'
6	27 <sup>th</sup> Sept. 2019	One day workshop on Meditation and Architecture by Ar.&Er. Pramod Beri
7	1 <sup>st</sup> Oct. 2019	Short film making workshop by Vidyasagar Adhyapak
8	7 <sup>th</sup> Oct. 2019	Presentation and interaction by Ar. Snehal shah
9	7 <sup>th</sup> Oct. 2019	Presentation and interaction by Ar. Sheetal Patil
10	2 <sup>nd</sup> -6 <sup>th</sup> Dec. 2019	FDP on Integrating effective and innovative methods for technical subjects in architectural curriculum.

### Departmental Special functions

Sr. No.	Date	Name of the Activity (Teachers day / Engineers day /Women's day /Fresher's day)
1	5 <sup>th</sup> Sept. 2019	Teachers Day - wall magazine and Poster presentation
2	21 <sup>st</sup> Sept. 2019	Parents meet for first to final year classes.

### Student Extra - Curricular achievement

Sr. No.	Name of student	Student Achievement
1	Prathamesh Patil, Vishvajeet Patil, Anway Patil, Mandar Kalambe, Satyajeet Jadhav, Yash Suryawanshi, Hrithik Kambale	Received First prize in Breathing Earth Competition at DYP CET, Salukhe Nagar.
2	Siddharth Waze, Abhishek Naik, Saqib Mulla	Received first prize in The Drawing board competition, organized by Rohan builders, Pune.
3	Sudarshan Biranje, Prathamesh Khot, Gaurav Salokhe, Devika Ghatage, Reetal Pandit	Received First Price for Landscape Competition at Gardens club, Kolhapur.
4	Lanchemba Ningthoujem	Fourth year student was shortlisted in top 50 for international Design competition 'The House' by Arch Dais.
5	Shivashish Patil, Jhanvi Shingte, Poorva Ingavale	Shortlisted in National level Design Whack Competition under Landscape category.
6	Prathamesh Ugave, Gaurav Salokhe, Sunny Jadhav, Sujay Dongare	Fourth year students were Second Runner up at Arch. Heal Competition (National level)

### Faculty Achievement

Sr. No.	Faculty Achievement (PhD Awarded/ book published )
1	Prof. Tejas Pingale Publication in National Level Magazine 'Interiors and Décor'.

# CHEMICAL ENGINEERING DEPARTMENT



## Department Advisory Board Meeting

Department of chemical engineering organized department Advisory board meeting on Saturday 29<sup>th</sup> June 2019 at 2 pm in HOD cabin of chemical engineering department. In this meeting members of Department Advisory board Prof. S. A. Desai, HOD Department of Chemical Engg., Mr. Santoshjadhav, Assistant Manager CIL Mumbai, Prof. P. P. Khedkar, I/C HOD, Department of Sugar technology, Govt. Polytechnic, Kolhapur, Mr. Anil Shah, M. D. New Jay Bharat Soap Industries and parent of our student, took review of last DAB Meeting, revised syllabus of S. Y. B Tech and gave valuable suggestions like curriculum and syllabus development for third and final year, industrial visit.



## Aspen plus Training

The software on which training program was conducted is the latest version 10.0, used in Industry. The content of program was introduction to software, flow sheeting, physical properties selection and workshops on Flow sheeting, design of distillation column, heat exchanger. Students got good exposure to Aspen Plus software.



## Mou Signing

The mou was sign between Dept. Of Chemical Engg. & Shivohm Membrane System, Ichalkaranji. The mou signing was done for industrial visit, training, project, recruitment of students arranging the guest lecturers etc. Prof. Dr. K. V. Kulhali, Principal, Mr. S. J. Patil, Proprietor, Shivohm Membrane System, Ichalkaranji, Dr. R. A. Patil, I /C, H. O. D. And Faculty of department were present.



## Guest Lecture

Department of Chemical Engineering Organized Guest Lecture on "Importance of Quality Education and Career Opportunities in Armed Forces" on 27<sup>th</sup> September 2019 for Students of Department of Chemical Engineering. During lecture Brig. U. D. Thorat sir made students aware of importance of quality education, Importance of communication skills, availability of career opportunities.



### FDP Program on 'Industrial Revolution on Green Technology'

FDP Program on "Industrial Revolution on Green Technology" was a 6 day program conducted by various senior scientist & researcher from various renowned sector to deliver a awareness about green technology in industries as well as in our daily activities. It also created awareness among all the participant about reducing carbon footprint in our daily activity

### Departmental Special Event

Sr. No.	Date	Name Of The Activity(Guest Lecture/Seminar/Conference/Workshops)
1	6 <sup>th</sup> to 8 <sup>th</sup> June 2019	Foundation Course To Engineering
2	19 <sup>th</sup> & 20 <sup>th</sup> June 2019	Orientation Program For "S.Y. B. Tech. Chemical Engg. Students"
3	29 <sup>th</sup> June 2019	Department Advisory Board Meeting
4	2 <sup>nd</sup> August 2019	Guest Lecture On Chemical Engg. & Entrepreneurship
5	2 <sup>nd</sup> August 2019	MOU Signing With Shivohm Membrane System, Ichalkaranji
6	30 <sup>th</sup> August 2019	Importance Of NPTEL Certification Courses & Registration Process
7	4 <sup>th</sup> September 2019	Value Added Course On Work Ethics
8	9 <sup>th</sup> to 14 <sup>th</sup> Sept. 2019	Training Program On Aspen Plus Software
9	16 <sup>th</sup> Sept. 2019	Value Added Course On How To Write Reference?
10	17 <sup>th</sup> Sept. 2019	Value Added Course On Resume Writing & Importance Of GATE Examination
11	18 <sup>th</sup> Sept. 2019	Value Added Course On Importance Of Time Management And Planning
12	19 <sup>th</sup> Sept. 2019	Value Added Course On How To Write Application?
13	23 <sup>rd</sup> Sept. 2019	Value Added Course On Selection Of Chemical Industries For Better Prospectus As Chemical Engineer
14	27 <sup>th</sup> Sept. 2019	Guest Lecture On Importance Of Quality Education And Career Opportunities In Armed Forces
15	27 <sup>th</sup> Sept. 2019	Value Added Course On Lecture Of General Aptitude Session
16	9 <sup>th</sup> Dec to 15 <sup>th</sup> Dec 2019	FDP Program On 'Industrial Revolution On Green Technology.

### Departmental Special Event

Sr. No.	Name of the faculty	Faculty Achievement
1	Dr. L. V. Malade	Become Registrar Of DYP CET Kolhapur

### Student Achievement

Sr. No.	Name of the student	Student Achievement
1	Jaiswal Shiwani Rajendra	7 <sup>th</sup> Rank in B.E (CHEMICAL) Examination held in March-2019

### Departmental Special Functions

Sr. No.	Date	Name Of The Activity
1	21 <sup>st</sup> Sept. 2019	Parent Meet

### Industrial visit

Sr. No.	Date	Company name	Number of student benefitted
1	23-25 sept.	RCF Alibag	39



# CIVIL ENGINEERING DEPARTMENT

## STTP: Organized for faculty:

For the improvement of quality and knowledge faculty development programmed arranged in the Department level one week STTP Program on 'Advanced Structural analysis and Design of Earthquake Resistant Structures' dated 10th to 14th June 2019. For this program Dr. M.M Murudi invited as a key note speaker and delivered lecture on structural dynamic for single degree freedom system and multi-degree freedom system with examples. Indoor and outdoor faculties, Practitioners are attended. In recent years with sharp increase in rapid development of infrastructures e.g. high rise structures with more number of basements, bridges for metro projects, fly over for roadways, BRTS etc. in metro cities made us aware of optimum usage of land and compelled the engineers to apply advanced solutions in context of Analysis and Design, Application of Earthquake and wind load on the structures, ground improvement, and earth retaining structures etc. An optimized design solution can only be possible with in-depth knowledge of various advanced techniques and use of proper judgment. The aim of the short-term course would be to familiarize the participants with the concepts of Analysis, design and construction, for a variety of structures. Basics that is essential to understand in the process of providing an acceptable design.



## Induction Program organized for Second Year Students:

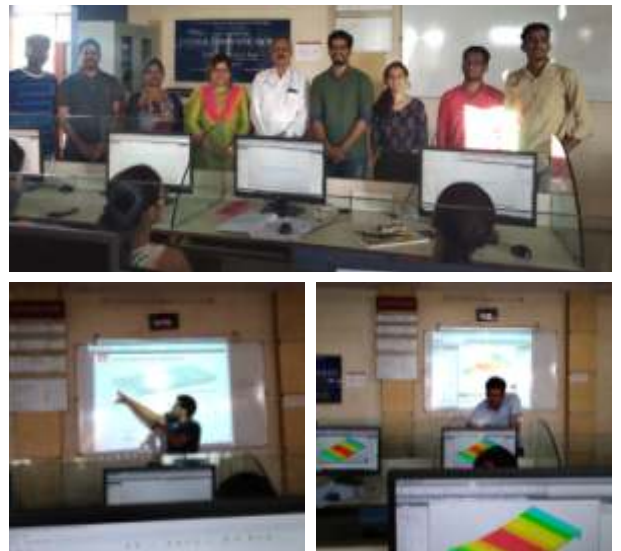
The Civil Engineering Department conducted two days induction program on 19<sup>th</sup> & 20<sup>th</sup> June 2019 for second year students about scope of Civil Engineering, awareness of department activity, syllabus, examination schemes and academic discipline in the institute. Introduction of faculty members to the students were done. A speech regarding college introduction was delivered by former Principal Dr. A. N. Jadhav, he explained state of the art facilities available in the college for students. Valuable guidance about opportunities and challenges in Civil Engineering field was given by H.O.D. Prof. A. M. Joshi. On the same day Syllabus structure and examination scheme were explained to students.

On 2<sup>nd</sup> day Parents were involved in the program in which introduction of various cells and its role in student's development were explained to parents and students. All parents of second year with students were taken to visit civil engineering department labs, in this visit all lab in-charge and lab assistants were given introduction of different equipments used in civil engineering laboratories also explained importance of practical performance of a civil engineer in society.



## MIDAS Software Training Workshop:

Department of Civil Engineering had organized a program on 'MIDAS Software Training Workshop' on 14th, 15th, 21st, 22nd, & 28th September, 2019. This software training helped the students for analysis and design of building or industrial structure using MIDAS software and knowing its actual application in field work. The workshop also helped to bridge the Industry-Institute gap and to produce Employable Engineers. Er. Sourabh Ghadge from Bluehen Academy Pune, was appointed as the trainer for the workshop, and the course provided by him was the structural engineering software MIDAS. 24 students have successfully completed the certified software training course. Students are highly benefited and satisfied with software training and found it useful for near future. Some students are working on this software as B.E project work at present. Prof. Supriya S. Chavan was the main coordinator of this workshop also Chintan M. Jain, Tejan Kumthekar, Shailesh Nikam, Nawaz Sawakar, Rutuja Patil, Sharayu Salokhe and Pranali Pandav were the student coordinators.



#### Student association CESA Foundation:

For the development and involvement of students, department form the Civil Engineering student association. Civil Engineering student association organized CESA Foundation day function on 23/09/2019 with Staff coordinator Prof. S. B. Sabnis, students' chairman, secretary and members. On this occasion they carried out activity like Blood donation camp. They invited Dr. D. Y. Patil blood bank and C.P. R. hospital blood bank for collection of blood, in this activity 152 students were donated blood also Quiz competition was held on the same day. 'CESA' also celebrated Teachers day by felicitations of Teachers. 'CESA Foundation Day' function inaugurated by chief guest Execute Director Dr. A.K.Gupta sir he appreciated students for organizing such activity. Principal Madam Dr. Kshama V. Kulhalli, HOD Prof. A.M.Joshi and all faculty and students were present. Students arranged and participated to make the 'CESA Foundation Day' function very successful.



Civil Department students & staff involved in Damage Assessment work at Hatkanagle division

#### Industrial Visit / Study Tour

Sr. No.	Date	Company Name	Number students Benefited
1	5 <sup>th</sup> Oct.2019	Rain gauge Station and types of Irrigation , Agriculture College Kolhapur	217
2	12 <sup>th</sup> Oct.2019	Water Treatment Plant, Puikhadi, Kolhapur	217

#### Student Extra -Curricular achievement

Sr. No.	Name	Student Achievement
1	Mr. Jivan Barale (BE CIVIL)	2nd Rank in zonal swimming competition.

#### Departmental Special functions

Sr. No.	Date	Name of the Activity (Teachers day / Engineers day /Women's day /Fresher's day)
1	23 <sup>rd</sup> November 2019	CESA Foundation Day & Blood donation camp
2	21 <sup>st</sup> September 2019	Teachers' day

#### Departmental Technical Events

Sr. No.	Date	Name of the activity (Guest lecture/Seminars/ Conferences/Workshops)
1	10 <sup>th</sup> to 14 <sup>th</sup> June 2019	Organized a workshop for faculty on 'Advanced Structural analysis and Design of Earthquake Resistant Structures'

#### Award

Year of award	Name of full time teachers receiving awards from state level, national level, international level/Local	Designation	Name of full time teachers receiving awards from state level, national level, international level/Local
2019-20	Prof. V.B.Awati	Assistant Professor	Shilpkar Gaurav Purskar 2019



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## TRAINING SESSION-TECHNICAL APTITUDE

Training programs help at every stage to enhance skills and to learn new things and early training gives better results. Keeping this in view, training session on TECHNICAL APTITUDE was held for Third year students of computer science and engineering by in-house faculty members. This session was conducted by Ms. S. B. Patil, Mr. S. A. Kumbhar, Mrs. S. S. Kokate, Mrs. M.V, Mane, Mrs. S. M. Surve, Mr. S.B. Mohite, Mr. A. S. Yadav and Mrs. S. V. Shinge. Students were made aware about the technical aptitude tests, which is the first obstacle that they need to face while campus interviews. Every recruiter looks for the candidates' coding skills with technical challenges before hiring them. This effort was taken to prepare our students to face recruiters qualifying criteria in their near future.



## SEMINAR ON ETHICAL HACKING AND CYBER SECURITY

On the occasion of Engineer's Day, Department of Computer Science and Engineering organized a seminar on "ETHICAL HACKING AND CYBER SECURITY" for SY, TE and BE students of CSE and ETC. Total 320 students participated. The main objective of this seminar was to bridge the gap between current industry needs and curriculum. Students were given an insight about "Ethical Hacking and Cyber Security". Mr. Rizwan Shaikh, Director, Founder and CTO, Pristine InfoSolutions Pvt. Ltd., Mumbai being an eminent technocrat delivered following contents like

1. What is "Ethical Hacking and Cyber Security"?
2. Ethical hacking of .doc and .pdf files.
3. Avenues after certification in "Ethical hacking and cyber security".



## CERTIFICATION IN PYTHON AND MACHINE LEARNING

Department of Computer Science and Engineering has organized three days program for 38 students from SY CSE and TE CSE. The session was conducted by Mr. Vishwajeet Singh Rana, Subject matter expert, 9LedgePro, Microsoft AEP. Objective of this program was to learn basic concepts of python and machine learning with the help of hands on in PyCharm and use of differ libraries (matplotlib, pandas, scipy, scikit learn, jupyter notebook). Contents of program were installation of PyCharm, basics of Python36, different programs in PyCharm. List of programs in PyCharm- Reading the image and to apply color effects to it, VideoCapture, Grid, Video capturing in red, green and blue colors, Making the line, rectangle and circle on background, Reading image and displaying its height, weight and depth, Reading image and cropping it, Facial recognition part1, Facial recognition part2, Facial recognition part3.



Guest Lecture on "Ayurveda Yoga and Human Health"



MoU with Mr. Punit Sinha and Mrs. Silpa Sinha – Relish Infosoft





#### Departmental Technical Events

Sr. No.	Date	Name of the activity
1	3 <sup>rd</sup> Jun 2019 to 7 <sup>th</sup> Jun 2019	"Value Added Courses on Introduction to C Language" for Second Year CSE students
2	8 <sup>th</sup> Jun 2019	"Workshop on IoT" for HSC Students
3	28 <sup>th</sup> Jun 2019	"Training Session-Technical Aptitude for TE Student" for TE Students
4	3 <sup>th</sup> & 04 <sup>th</sup> Jul 2019	"TCS Specific Training Program" for TE Students
5	04 <sup>th</sup> Jul 2019	"Seminar on How to Prepare for TCS Campus Drive" for BE students
6	10 <sup>th</sup> Jul 2019	"TCS Company specific test" for BE Students
7	22 <sup>nd</sup> Jul 2019	"Python Workshop" for BE Students
8	26 <sup>th</sup> Jul 2019	"Seminar on How to Prepare for Persistent Campus Drive" for BE Students
9	1 <sup>st</sup> Aug 2019	"GEMS Awareness Program" for staff
10	6 <sup>th</sup> Aug 2019	"Seminar on Computer Animation" for TE(A) students
11	2 <sup>nd</sup> Aug 2019, 30 <sup>th</sup> Aug 2019	"Technical sessions on C language, Data Structures, JAVA, HTML" for TE Students
12	9 <sup>th</sup> Sep 2019	"Seminar on Research Proposal Writing" for faculty of CSE
13	13 <sup>th</sup> Sep 2019	"Guest Lecture on Artificial Intelligent " for BE students
14	14 <sup>th</sup> Sep 2019	"Workshop on NOSQL" for BE students
15	21 <sup>st</sup> Sep 2019	"Seminar on Ethical Hacking and Cyber Security " for CSE & ETC students
16	27 <sup>th</sup> Sep 2019 to 29 <sup>th</sup> Sep 2019	"Subject Specific Technical Training" for BE students
17	27 <sup>th</sup> Sep 2019 to 29 <sup>th</sup> Sep 2019	"Microsoft Certification in Python and Machine Learning" for TE & SY students
18	13 <sup>th</sup> Sep 2019, 20 <sup>th</sup> Sep 2019, & 27 <sup>th</sup> Sep 2019	"Technical sessions on Data Structures, JAVA and HTML"

#### Departmental Special Functions

Sr. No.	Date	Name of the Activity
1	14 <sup>th</sup> Sep 2019	Parents Meet for SY, TE and BE all divisions.
2	19 <sup>th</sup> & 20 <sup>th</sup> Jun 2019	"Orientation Program for SE, TE & BE students " for CSE students.
3	21 <sup>th</sup> Jun 2019	"Parents Orientation Program" for parents and students.
4	25 <sup>th</sup> Jun 2019	"Alumni Interaction"- Mr. Prashant Palkar, Accenture, Pune.
5	29 <sup>th</sup> Jun 2019	"Department Advisory Board Meeting"
6	12 <sup>th</sup> Jul 2019	"MoU With Relish Infosoft"
7	20 <sup>th</sup> Jul 2019	"MoU with OST, IT Park, Kolhapur"
8	22 <sup>nd</sup> Jul 2019	"Alumni Interaction"- Mr. Kartik Patil
9	28 <sup>th</sup> Aug 2019	Guest Lecture on "Ayurveda , Yoga & Human Health" for SY students

#### Student achievement

Our esteemed recruiters like TCS, Wipro, Capgemini, Vodafone, persistant, Jaro Education, Sales Force, e-emphaysis, GreyAtom after implementing their own evaluation metrics selected our 51 students.

#### Faculty Achievement

Sr. No.	Date	Faculty of Name and achievement
1	14 <sup>th</sup> Sept 2019	Dr. Mrs. Jyoti Narayan Jadhav associate professor was awarded PhD in CSE by Karpagam Academy of Higher education, Coimbatore.

# ELECTRONICS & TELECOMMUNICATION ENGINEERING DEPARTMENT

## WORKSHOP ON “BASIC ELECTRONICS & ITS APPLICATION”

To train the students for practical use of electronic instruments in project based learning process, department of E & TC engg. has organized one week workshop on 'Basic Electronics & its applications'. It was started with a brief introduction on basics of electronic components and instruments. Few practical applications with the use of LEDs, diodes, transistors and some simple components have been demonstrated by the trainers. Participants were encouraged to raise questions on the respective topics. In one of the session participants were supplied with a faulty circuit and could be able to detect the fault based on the introductory sessions. Every participant was able to execute the instructions and implement the circuits successfully. They were delighted to learn the corroboration of theoretical design and the experimentally obtained outputs by themselves. The sessions were found to be completely useful and interactive. The participants were able to gain more knowledge on the basics and also on practical applications of many circuits. The session made them think innovatively and creatively.



## WORKSHOP ON “STUDENT SOLAR AMBASSADORS”

On the occasion of 150<sup>th</sup> birth anniversary of Mahatma Gandhiji & diamond Jubilee year of IIT Bombay, it was decided to promote the message of 'Energy Swaraj' by the Gandhi Global Solar Yatra (GSSY) activity. Hence IIT Bombay proposed to organize a Student Solar Ambassadors Workshop along with the other technical institutions in India to create a Guinness World Record on 2nd October 2019. D. Y. Patil college of engineering & Technology, Kolhapur encouraged student participation in these community activities by organizing this event in collaboration with IIT Bombay. This memorial event was a demonstration where the students learnt and made their own solar devices and now can use them to evidence the world, about the possibility on clean and alternative energy. It also proved that 'Energy Swaraj' can be achieved "not by mass production, but production by the masses". This is what is required to be applied in the field of energy, for energy sustainability to address the Nation's Sustainable Development Goals [SDGs].



## A SEMINAR ON “HIGHER EDUCATION: ABROAD”

Department of Electronics & Telecommunication organized a seminar on “Higher Education: Abroad”. It started with the introduction of guest speaker Mr. Salil Rajguru, who has been consulting the students about higher studies in abroad since past 10 years. After formal inauguration, he provided the knowledge of the different examinations as GRE, TOEFL, and ILETS along with foreign languages like Japanese, German and French etc. During the interaction, he discussed the various scopes, opportunities and advantages of studying in abroad. He also briefed the process of how to get admitted in the top ranked good university. It was an interactive session where in the queries of students such as documentation, different courses, fees, scholarships etc. has been solved by Salil Sir. The students were able to gain knowledge about different opportunities of higher education in abroad.



Interaction on “ Career opportunities” by alumni Randhir Kumar



Inauguration of Orientation program by Parents & Faculty



### Industrial Visit / Study Tour

Sr. No.	Date	Company Name	Number students Benefited
1	21st Sept. 2019	AIR station, Kolhapur	63

### Departmental Technical Events

Sr. No.	Date	Name of the activity (Guest lecture/Seminars/ Conferences/Workshops)
1	20 <sup>th</sup> June 2019	Alumni Interaction on "Career opportunities" by alumni Randhir kumar
2	10 <sup>th</sup> June to 14 <sup>th</sup> June 2019	Workshop on "Basic Electronics And Its Application"
3	3 <sup>rd</sup> August 2019	A seminar on "Higher Education: Abroad"
4	27 <sup>th</sup> & 28 <sup>th</sup> July 2019	Workshop on "Bluetooth Amplifier"
5	02 <sup>nd</sup> Oct. 2019	Workshop on "Student Solar Ambassadors"

### Departmental Special functions

Sr. No.	Date	Name of the Activity (Teachers day / Engineers day /Women's day/Fresher's day)
1	10 <sup>th</sup> June to 14 <sup>th</sup> June 2019	Orientation Program for SY students & parents
2	16 <sup>th</sup> Sept. 2019	Celebration of Engineer's Day by conducting various activities
3	27 <sup>th</sup> Sept., 2019	Fresher's Function
4	6 <sup>th</sup> Sept. 2019	Teacher's Day Celebration

### Student/Curricular achievement

Sr. No.	Name of student	Student Achievement
1	Mahesh Jadhav	Secured 10th rank in University exam May 2019
2	Snehal Vharamble	Winner of "Technical Quiz Competition" held on Engineer's day
	Rajlaxmi Patil	
3	Komal Burungale, Nilam Patil	Winner & runner up of "Essay Writing Competition" held on Engineer's day
4	Rushikesh Chikode, Prkalp Magdum, Sakshi Pawar, Gaurav Jagtap	Winner of "Debate Competition" held on Engineer's day
5	Pooja Patil, Shruti Mane	Runner up of "Technical Quiz Competition" held on Engineer's day
6	Shreya Patil, Firdous Sayyad, Akash Trivedi, Adesh Newaskar	Runner up of "Debate Competition" held on Engineer's day
7	Rushikesh Jadhav	Google certification in "Digital Marketing"

### Faculty Achievement

Sr. No.	Name of Faculty	Faculty Achievement
1	Prof. Dr. Swati V. Sankpal	Silver Medal for FDP on "Introduction to Internet of Things", NPTEL Certification
		Patent filed on "Enhanced Grid Sensor Placement Algorithm for Energy Theft Detection in Smart Grid" Application No:201921024383
		Book chapter on "Review and Analysis of Simulation Results for Consumer Attack Model and Grid Sensor Placement Algorithm" Published in Springer Nature Singapore Pte Ltd. 2019
		Book chapter on "Performance Analysis of AES Implementation on a Wireless Sensor Network" Published in Springer Nature Switzerland Pte Ltd. 2019
2	Mrs. Padmavati S. Pise	Topper with Silver Medal in NPTEL/SWAYAM FDP "Digital Circuits" NPTEL Certification, Topper with Silver Medal
		Silver Medal, "Accreditation and Outcome Based Learning" NPTEL Certification FDP.
3	Mrs. Manisha V. Bhanuse	Silver Medal, "Accreditation and Outcome Based Learning" NPTEL Certification FDP.
4	Ajit M. Kasabe	Member of Advisory Committee International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites (I7C-2019) at Sri Sairam College of Engineering (SSCE), Bangalore.
		Nomination for Best Young Faculty Award by DK International Research Foundation

# MECHANICAL ENGINEERING DEPARTMENT

## Foundation course to engineering

Three days' workshop on "How to build a race car" was conducted by department of mechanical engineering to 12th science students. This particular workshop provided insight theoretical as well as practical knowledge regarding race car. For this particular workshop Prof. Dr. S. R. Todkar, Mr. Pasare V. I, Mr. D. A. Sawant, Mr. P. B. Shelar and Mr. K. C. Budhale have taken the efforts.



## C and C++ program training

The training program for Final year students on basics of c and C++ was conducted on 4<sup>th</sup> and 5<sup>th</sup> July 2019. The objective of the training was to learn basic principles of C++, to learn the theory and characteristics of C++, to learn and apply finite element solutions various problems by C++ and to learn to model complex geometry problems and solution techniques. The Outcome of the activity was to create a bridge between students and the engineering industry and increase public awareness on the importance of the experience students receive from participating within the provided platforms.



## Departmental Advisory Board meeting

The Departmental Advisory Board meeting was held at department on 11th July 2019. DAB members approved Vision, Mission Statement and PSOs. Members gave number of suggestions to improve the academics and keep pace with industrial requirements like CO attainment of industrial visit should be done to complete the loop, attainment of vocational Industrial Training should be done. Faculty should visit and interact with the industry during industrial training at least first time. Final year projects should be based on the predefined themes such as; agriculture, Social, Financial, Environment, Green technology, etc. Minimum 3 Expert lectures should be taken by DAB industrial members. DAB members also appreciated the initiative of paper publication done by final year students and same should be carried out hereafter.



## Ready engineer Program

One day training program as conducted by department of mechanical engineering To make Engineers 'Industry-Ready' by training them on engineering fundamentals & concepts, applications & contemporary technologies and soft skills to enhance their awareness, expand their industry connect & in process increase their employability 52 students from T.E. mechanical got benefitted



Principal .Dr.K.V.Kulhalli addressing parents on the occasion of parents meet



1 Celebration of Guru Purnima





4 Department Advisory Board Meeting



Visit to S.T. Workshop

Industrial Visit / Study Tour			
Sr. No.	Date	Company Name	Number students Benefited
1		Prabha Industry, Udyamnagar, Kolhapur	155
2	27 & 28 <sup>th</sup> Sep.2019	S. T. workshop, Tarabai park, Kolhapur.	155
3		D.Y.Patil Sugar Industry,Palsambe,Gaganbawada	85
4		Laxmi ice plant , Udyamnagar, Kolhapur	125

Departmental Technical Events		
Sr. No.	Date	Name of the activity (Guest lecture/Seminars/ Conferences/Workshops)
1	21 <sup>th</sup> to 26 <sup>th</sup> June 2019	Training program on "Basics of C++"
2	25 <sup>th</sup> June 2019	Training program on "Ready Engineers"
3	24 <sup>th</sup> to 29 <sup>th</sup> Dec. 2018	Guest lecture on "C and C++ program training"
4	6 <sup>th</sup> July 2019	Leader's Talkby "Prof.Manoj S. Khaladkar" Army Institute of Technology, Pune
5	9 <sup>th</sup> July 2019	Guest lecture on "GATE Preparation" by Mr. Mandar Deshpande (Gate Forum)
6	16 <sup>th</sup> July 2019	Guest lecture on "Manufacturing Industry-Current Scenario and future Outlook & Introduction to training Programme on Basic Metrology". By Mr. R. G. Joshi
7	19 <sup>th</sup> July 2019	Guest lecture on "Gate Preparation" by VaijanathBirader AIR 13th GATE 2016
8	29 <sup>th</sup> July 2019	Guest lecture on "Stress management" by Mr. Aditya Patil
9	31 <sup>st</sup> July 2019	Guest lecture on "Finite Element Analysis" by Mr.SachinPatange
10	30 <sup>th</sup> July 2019	NBA Awareness Program for faculty by Dr. A. K. Gupta & NBA Coordinator & Core Committee Members
11	3 <sup>rd</sup> Oct. 2019	Guest lecture on "UPSC/MPSC/Banking exam Guidance" by Bharat Sabale
12	17 <sup>th</sup> Oct.2019	Guest lecture on"ChatrapatiShivajiMaharaj-An Engineer" by Mr. Sachin Gopal Kanitkar

Departmental Special functions		
Sr. No.	Date	Name of the Activity (Teachers day / Engineers day / Women's day / Fresher's day)
1	17 <sup>th</sup> June 2019	One day orientation program
2	11 <sup>th</sup> July 2019	Departmental Advisory Borad meeting
3	16 <sup>th</sup> July 2019	Celebration of Guru poornima

# FIRST YEAR ENGINEERING DEPARTMENT

## Self-defense workshop

The primary objective of the Self-Defense Workshop is to educate and inform our Girls participants about how to avoid becoming a victim of crime and to provide hands-on self-defense training. Participants will learn simple body mechanics, human vulnerability points, improvised weapons and how to use physical aggression to defend them in the event of an attack. Empowering self-defense training has much to contribute to the anti-violence movement by expanding women's and girls' imagined possibilities to include a range of responses to violence. Empowering self-defense training is a pathway for women and girls to develop an analysis of violence, a deep connection to their bodies, and a comprehensive toolbox for becoming powerful agents of social change right now. With confidence and tools to stand up for themselves, women and girls can immediately enhance their personal safety and improve the quality of their daily interactions with others. Program was conducted on 30th August, 2019



## Foreign Language Awareness Program (Japanese)-Career Opportunities in Japan. 27 August, 2019

The primary objective of the Seminar is to inform our students about the career opportunities in Japan. Mr. T. Akutaro Kimoro told that there are number of ample opportunities for Mechanical, Civil & CSE students as there is huge requirement of manpower in Japan. Participants will learn importance of learning Japanese language for better career opportunities and future especially in Mechanical, CSE & Civil branches.



## Barclay's Tech innovation Challenge 2019-20

The primary objective of the event is to improve the soft skills. Total 20 students registered for the event out of which 10 were selected & two teams (Team 1 & Team 2) were eligible for semifinal. The semifinal was conducted on 27<sup>th</sup> Sept., 2019. Team 2 consisting of 5 students reached to the Finale. The final round was conducted at Barclay, Pune on 10<sup>th</sup> Oct., 2019. Team 2 finished as second runner up i.e. secured the third prize in the event.



### Student Extra-Curricular achievement

Sr. No.	Name of student	Student Achievement
1	Miss. Siddhi Patil, Miss Poonam Patil, Miss. Manali Patil, Mr. Pritam Dey, Mr. Pranav Gadekar	Barclay's TECH Innovation Challenge Participation & 3 <sup>rd</sup> Rank
2	Miss. Akansha Patil, Miss. Mrunamayee Ghorpade, Miss. Aarya Chougule, Mr. Rushikesh Khaware, Mr. Shreyas Kadam	Barclay's TECH Innovation Challenge Participation
3	Mr. Pritam Dey	Participation Tecnocrate-Walchand College, Sangali.
4	Nikhil Gholakar, Miss. Siddhi Patil, Miss. Akansha Patil, Miss. Poonam Patil, Miss. Manali Patil, Miss. Mrunamayee Ghorpade	

### Faculty Achievement

Sr. No.	Date	Faculty Achievement (PhD Awarded/ book published )
1	8-9 <sup>th</sup> June, 2019	Dr. M. B. Shelar "Exploring New Dimensions in Teaching- Learning for Quality Education" at K. K. Wagh Institute of Engineering Education and Research, Nashik.
2	28 <sup>th</sup> July 2019	Dr. M. B. Shelar "Synthesis of Ni-Cd ferrites and its structural, magnetic and microwave absorbing properties" Journal-----Int. J. SHS
3	02-08 July 2019	Dr. M. B. Shelar AICTE Approved 7 days FDP on FY Induction Program IIT, Ropar, Punjab
4	2 <sup>nd</sup> October, 2019	Mr. S. R. Mujawar Global Students Solar Ambassadors Workshop Organized by IIT Bombay
5	2 <sup>nd</sup> October, 2019	Mr. S. C. Shinde Global Students Solar Ambassadors Workshop Organized by IIT Bombay



## NSS



Tree Plantation at Oxygen Park, Puikhadi,



Food packing for flood relief people



Cleaning at Valivade after Flood



Games for teachers on account of Teachers Day

## GYMKHANA



4<sup>th</sup> rank in Zonal Kho-Kho



Winner in football at MIT-WPU SUMMIT 2019'



2<sup>nd</sup> rank in Zonal Chess



3<sup>rd</sup> rank in Zonal Boxing.

# NEWS LETTER

June - Dec 2019  
Volume 01, Issue No. 05

## **Managing committee**

Prof. Dr. K. V. Kulhalli (Principal)

Mr. R. G. Benni

Mr. H. K. Jadhav

Mr. N. T. Mohite

Mr. I.S. Jadhav

## **Data collection committee**

Miss. P. A. Chougule

Mrs. P. R. Mandale

Mr. S. A. Salokhe

Mrs. R. S. Jadhav

Mrs. M. V. Bhanuse

Mr. S. A. Jadhav

Mr. A. R. Matkar

Mr. P. D. Chougule

Mr. R. S. Raikar

Dr. D. Y. Patil Pratishthan's

**D. Y. Patil College of  
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