



## KLE DR. MSSCET Information Bulletin

### KLE Dr. M. S. Sheshgiri College of Engineering & Technology

Udyambag, Belagavi, Karnataka

Approved by AICTE, New Delhi & Govt. of Karnataka, Affiliated to VTU, Belagavi, All B.E. Programs are NBA Accredited;  
Recognized under Section 2(f) of UGC Act 1956 and ISO : 9001-2015 Certified Institute  
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Jan - Mar : 2020

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## COLLEGE INFORMATION



### Activity Based Learning (ABL)

ISTE Local Chapter conducted Two-day Workshop on "Activity Based Learning (ABL) with Emphasis to PBL in Engineering Education" on 27<sup>th</sup> and 28<sup>th</sup> Feb 2020 for teaching Faculty of the College. Principal Dr. Basavaraj Katageri was the Resource Person for the entire workshop. Dr. Satish Annigeri, Registrar (Evaluation), Visvesvaraya Technological University, inaugurated the workshop. Dr. M.A. Kamoji proposed Vote of thanks. Problem Based Learning (PBL) is an urge for modern day's learner centric, outcome-based education system enabling deep learning, making students remember their Learning experience better by identifying their own strengths and areas of expertise. PBL employs a realistic problem that enhances metacognitive and analytical skills of students. Dr. Nataraj Vijapur, I.S.T.E Coordinator, Prof. G. A. Hebbale HRTC Coordinator, and Mrs. Vrushali Ligade, HR Manager coordinated the workshop.

### Ph.D Awardee



**Dr. MAHESHGOUDA B. PATIL**  
Department of MBA  
University: Visvesvaraya  
Technological University, Belagavi.  
Thesis: A Study on Competency  
Mapping for Unlocking Superior  
Performance of Foundry Employees  
in Belagavi District.



**Dr. UMESH P. PATIL**  
Department of Civil Engineering  
University: Visvesvaraya  
Technological University, Belagavi.  
Thesis: An Experimental  
Investigation on Polymer Modified  
Silica Fume Concrete



**Dr. TEJAS D. DOSHI**  
Department of Civil Engineering  
University: Visvesvaraya Technological University, Belagavi.  
Thesis: An Experimental Investigation on Bacteria  
Incorporated Concrete

## DEPARTMENT ACTIVITIES

### COMPUTER SCIENCE DEPARTMENT

#### Students Academic Accomplishments

Miss. Sudaivi Phulari of VIII semester B.E. is selected as "Best Student" of the Chapter Award 2019 by ISTE in 16<sup>th</sup> Karnataka state Level ISTE Student Convention held at KSIT, Bengaluru on 22<sup>nd</sup> February, 2020





**Mr. Vinayak Mooliyal**



**Mr. Srirang Kulkarni**

Mr. Vinayak J. Mooliyal & Mr. Srirang Kulkarni bagged 2<sup>nd</sup> place in TCS Tech Bytes held at BVBCET Hubli on 3<sup>rd</sup> March, 2020

### Placement Records

**5 students were placed in SMARTBRAINS with a package of 3Lpa. Conferences, Publications and Presentations.**

- V. S. Malemath (2020), "Disease Identification in Chilli Leaves using Machine Learning Techniques", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249–8958, Volume-9 Issue-1S3.
- V. S. Malemath (2020), "Chronological-Salp Swarm Algorithm -based deep recurrent neural network (deep RNN) for motion estimation", International Journal of Advanced Science and Technology (IJAST) ISSN: 2005-4238, E-ISSN: 2207-6360.
- V. S. Malemath (2020), presented a paper on "MINU-EXTRACTNET: Automatic Latent Fingerprint Feature Extraction System Using Deep-Convolutional Neural Network", in Springer International conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R 2020).
- V. S. Malemath (2020), presented a paper on "Automated Disease Identification in chilli Leaves using FCM and PSO techniques", in Springer International conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R 2020).
- Uma Gurav, S.Kotrappa (2020), "RNNLBL: A Recurrent Neural Network and Log Bilinear based Efficient Stock Forecasting Model", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Elsevier Scopus Indexed Journal, ISSN: 2278-3075, Volume-9 Issue-4, pp. 1676-1682.

### In-house competitions / Activities/ Guest lectures



The NSQF (National Skill Qualification Framework) student group of 75 members (9<sup>th</sup> to 12<sup>th</sup> Standard) visited department on 8<sup>th</sup> January, 2020. The technical staff members provided them knowledge about Information Technology in the computer laboratory. The visit organized by Government of Karnataka, Department of Public Instruction in association with Govt. PU College (High School Section) Khanapur, Belagavi.

### Workshops/ Seminars/ FDP Conducted



Workshop on "Computer Maintenance" was conducted on 10<sup>th</sup> & 11<sup>th</sup> January, 2020 for the technical staff members of our college. Mr. G. K. Hiremath, Mr. Sachin Shinde, Mr. Sanjeev Pavavad, Mr. Bharatesh Bogar, Mr. K. B. Kumbhar, Ms. Veena Gadataranavar, Ms. Rekha Magdum & Mr. Venkatesh H. were the resource persons. 35 technical staff members of various departments attended the workshop.



Three days session on "Flutter A Mobile App Development workshop" conducted from 13<sup>th</sup> to 15<sup>th</sup> February, 2020. A Cross Platform mobile Development by Abhishek Jakkannavar, Founder & CEO of Brightbee. Over 70 students from Computer Science Department attended this workshop and developed 3 mobile applications such as Personal Card, WhatsApp, Instagram and Pokemon for Android and iOS platform.



One day workshop on "Selenium Automation Testing & DevOps" conducted by Mr. Srinathacharya alumnus of our college & Mr. Aditya Garg, Agile Testing Alliance Mumbai on 8<sup>th</sup> March, 2020 for the students.

### Workshops/ Seminars/ FDP attended by the staff.

- Prof. Savita Bakare attended the FDP on "Computational Methods for Big Data Analytics" from 6<sup>th</sup> to 10<sup>th</sup> January, 2020 at VTU, Belagavi.
- Prof. Raghavendra Patil attended the FDP on "Computational Methods for Big Data Analytics" from 6<sup>th</sup> to 10<sup>th</sup> January, 2020 at VTU, Belagavi.
- Prof. Roopa Patil attended the FDP on "Computational Methods for Big Data Analytics" from 6<sup>th</sup> to 10<sup>th</sup> January, 2020 at VTU, Belagavi.
- Prof. Anusha Sabane attended the FDP on "Computational Methods for Big Data Analytics" from 6<sup>th</sup> to 10<sup>th</sup> January, 2020 at VTU, Belagavi.
- Prof. Manisha Tapale attended the FDP on "Computational Methods for Big Data Analytics" from 6<sup>th</sup> to 10<sup>th</sup> January, 2020 at VTU, Belagavi.



- Prof. Uma Patil attended the TEQUIP-III sponsored and in Association with IBM India, one week FDP on “Security, Cloud & Block Chain (SCB-2020)” organized by IT college of Engineering Pune, held from 20<sup>th</sup> to 24<sup>th</sup> January, 2020 at COEP, Pune.
- Prof. Vidya Hadimani attended the TEQUIP-III sponsored and in Association with IBM India, one week FDP on “Security, Cloud & Block Chain (SCB-2020)” organized by IT college of Engineering Pune, held from 20<sup>th</sup> to 24<sup>th</sup> January, 2020 at COEP, Pune.
- Prof. Sushma Chaugule attended the FDP on “Machine Learning for Data Science & Analytics” held from 28<sup>th</sup> January to 1<sup>st</sup> February, 2020 at VTU, Belagavi.
- Prof. Keerti Naregal attended the FDP on “Machine Learning for Data Science & Analytics” held from 28<sup>th</sup> January to 1<sup>st</sup> February, 2020 at VTU, Belagavi.
- Prof. S. R. Nagarmunoli attended the FDP on “Machine Learning for Data Science & Analytics” held from 28<sup>th</sup> January to 1<sup>st</sup> February, 2020 at VTU, Belagavi.
- Prof. Savita Bakare attended the FDP on “Machine Learning for Data Science & Analytics” held from 28<sup>th</sup> January to 1<sup>st</sup> February, 2020 at VTU, Belagavi.
- Prof. Shivanand Patil attended the FDP on “Machine Learning for Data Science & Analytics” held from 28<sup>th</sup> January to 1<sup>st</sup> February, 2020 at VTU, Belagavi.

## ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

We are proud to announce that our Department Alumni Shravan Kumar Naik has cleared KAS examinations and has been appointed as Assistant Commissioner, Revenue Department.

### Department Activities

1. Prof. Uma Kulkarni organised a Hepatitis B Vaccination Camp for all the women faculty members of the college through Swashakti Women Empowerment Cell on 24th January, 2020.
2. One-day recreation program to Agadi Thotha, Hubballi was organised by Prof. Uma Kulkarni and of the SWEC Cell for all the women cell members.
3. 4<sup>th</sup> and 6<sup>th</sup> semester students of the department visited South Western railways workshop, Hubballi on 5<sup>th</sup> March, 2020. Coordinated by Prof. Savita Bani, Prof. Smita Kamble, Prof. Abhinay Gupta and Prof. Shishir Patil.



4. Final year students visited Supa dam on 6<sup>th</sup> March, 2020 coordinated by Prof. Nalini Karchi, Prof. Sandeep Kudal and Prof. Shivanand Killedar.



5. Prof. Rakhee Kallimani along with Student coordinators Krishna Pai and Gayatri Juvekar successfully organized workshop on “Electric Vehicle Technology” held on 4<sup>th</sup> March, 2020 in association with Decibels Lab Pvt. Ltd., under MissionEV5000. Total 63 students attended the workshop which was driven by Mr. Suraj S. D. CEO of Deibels Lab Pvt. Ltd. Workshop was Co-ordinated by Krishna Pai and Gayatri Juvekar.

### Student Achievements

- 6<sup>th</sup> semester student Mr. Krishna Pai, Secured Second Place in Techxter 9.0, A National Level Technical Paper Presentation Competition held on 29<sup>th</sup> February, 2020 at SIES Graduate School of Technology, Nerul, Navi Mumbai. The Paper presented was "Survey on Machine Learning Algorithms used for detection of Breast and Lung Cancer".
- 6<sup>th</sup> semester student Ms. Prachi Patil Secured Third Place in Techxter 9.0, A National Level Technical Paper Presentation Competition held on 29<sup>th</sup> February, 2020 at SIES Graduate School of Technology, Nerul, Navi Mumbai. For the paper titled “Generation of Power from Turbulent energy of Water”.
- 4<sup>th</sup> semester students Mr. Akshay Rajai, Mr. Saquib Attar and Mr. Akash Haralapur of the Department participated in the National level even, techno talent, at Sanjay Ghodawat University Kolhapur and have Secured first place with a cash prize of Rs 4,000, held from 29<sup>th</sup> February to 1<sup>st</sup> March 2020.
- 4<sup>th</sup> semester students Mr. Akshay Rajai and Mr. Prashant Manare designed an automatic hand sanitiser which is currently being used in our college premises and they are manufacturing it for many industries under Atmanirbhar scheme.

### Faculty Achievement

- Rakhee Kallimani and Krishna Pai (2020), presented a paper entitled, "Stochastic Model of a Sensor Node" in 5th International Conference on Computing in Engineering and Technology, organized by Department of Electronics and Telecommunications Engineering. Dr. B.A.T.U., Lonere and Department of Computer Science & Engineering, MGM's College of Engineering, Nanded.
- Mr. Jithin Thand and Abhinay Gupta (2020) "AN OPTIMISED LOAD SHEDDING SCHEME TO MITIGATE POWER SYSTEM BLACK OUT", International Journal For Innovative Engineering and Management Research, Volume 09, Issue 02, pp 40-47.

## ELECTRONICS AND COMMUNICATION DEPARTMENT

### Student Achievements

1. Mr. Manoj Kumbar of Electronics and Communication Engineering has completed Python boot camp course on 4th February, 2020
2. Mr. Bhanumati of 6th semester delivered a Seminar in “National Seminar on Angular” conducted by Sant Gajanan Maharaj College of Engineering Mahagoan, Maharashtra.

### Placement Records-

Sr.No	Company name	Salary Package	No. of students placed
01	TCS	3.36LPA	23
02	KPIT	3.25LPA	34
03	Global Edge	2.8LPA	02
04	Infosys	3.6LPA	17
05	Mindtree.	3.6LPA	02
06	Allgo Embedded Systems	5.5LPA	01
07	Continental India	5LPA	05
08	Wipro Ltd.	3.6LPA	13

09	Brillio	4.5LPA	01
10	NTT data	4.25LPA	16
11	IBM India	3.6LPA	01
12	Cognizant Solutions	4LPA	16
13	SLK Softwares	3LPA	02
14	Prodapt	3.3LPA	01
15	Creators	2.75LPA	08
Total Offers			142

### Conferences/Publication/Presentations

1. Khanai Rajashri, Ravi K. and Praveen K. (2020), "Analysis of Cryptographic Algorithms for Secured Data Transmission in VANETs", and Communication, Signal Processing, VLSI, and Embedded Systems. Lecture Notes in Electrical Engineering, Vol 614. Springer, Singapore.
2. Khanai Rajashri, Ravi K and Praveen K. (2020), "A Secure Key and Data Exchange Mechanism Using Elliptic Curve Cryptography on WSN", in Emerging Trends in Electrical, Communications, and Information Technologies. Lecture Notes in Electrical Engineering, Vol 569. Springer, Singapore.
3. Udaykumar Naik, Shivang Bhuatara and Basavaraj Chougala (2019), "An Experimental Framework for Automated Bed Localization and Drug Identification Using ZigBee Signal Strength and Mobile Robot" is published in IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER) with DOI: 10.1109/DISCOVER47552.2019.
4. Kaveri Ugare, Shweta Madiwalar and Sujata Patil (2020), presented a paper on "Survey on solar powered autonomous multipurpose agricultural robot", in 2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA) held at Dayanandsagar college of engineering Bengaluru technically sponsored by IEEE Bengaluru.
5. Sujata Patil, Shweta Madiwalar, V. M. Aparanji (2020), "Artificial Intelligence for early detection of Breast Cancer and Classification of Mammographic Masses", International Journal of Recent Technology and Engineering (IJRTE), ISSN 2277-3878, Volume 8, Issue 6, pp 4315 – 4320.
6. Udaykumar Naik, Lingaraj Duggani, Vijay Rayar (2020), "Design Issues and Challenges in Indoor MIMO Antenna Systems", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-6, pp 3842 - 3846.

### In house Competition/Activities/Guest Lecturers

1. Two day Workshop on PCB Design from 6th to 7<sup>th</sup> February, 2020 for 3rd semester EC students, coordinated by Prof. Suresh Murgod.



2. Indian Space research Organization (ISRO) Bengaluru, Engineers Shri. Raman Reddy, Mr. Prakash Ramiji Visited the Department and Interacted with Faculty on 25<sup>th</sup> February, 2020 .The discussion captivated the faculty on Models of ISRO launch vehicles, YUVIKA 2020, research opportunities and career opportunities in ISRO.



3. Dr. Nataraj Vijapur delivered Guest Lecture on "FUTURE ASPECTS OF ENGINEERING" for students and staff of Hirasugar Institute of Technology, Nidasoshi.



4. Praveen Gundakal of continental conducted a session on "Introduction to CANoe Tool" for students and faculty. Event was coordinated by Prof. Rudrappa Gujanatti on 3<sup>rd</sup> October, 2019.



5. Hands on Session on CANoe was conducted by Prof. Rudrappa Gujanatti on 24<sup>th</sup> February, 2020

### Industry Institute Interaction:

1. Dr. Arun Tigadi, Prof. Prabhakar M. and Prof. Basavraj C. visited Vayavya Labs, Belagavi for faculty skill upgradation program, discussed on Device Driver Application for Automotive Electronics with Uma Bondada - VP Engineering, Co-Founder on 18<sup>th</sup> march, 2020.
2. Dr. Sujat N. Patil, Prof. Sagar Metri, Prof. Shweta M. Visited AEQUS Industries, Belagavi for Faculty skill up gradation program, discussed about implementation of ML and AI for Video Surveillance with Mr.Amit Kanchide, Senior Manager Information System AEQUS Pvt. Ltd on 5<sup>th</sup> March, 2020.





#### Workshop/Seminar/FDP Attended/conducted/Course completed:

Prof. Gujanatti Rudrappa attended "CANoe Fundamentals" training provided by Vector Informatik Pvt. Ltd. between 5<sup>th</sup> to 7<sup>th</sup> February, 2020.

## ENGINEERING SCIENCES AND HUMANITIES DEPARTMENT

#### Workshops/Conferences attended:

1) Dr. Manjula C. Gudgeri, Dr. D. S. Revankar, Dr. B. S. Durgi, Dr. Jaishri B. Veergoudar, Dr. Priya M. Gouder, Dr. Shobha V. Patil, Prof. Umesh Poojari have attended One week workshop on, MATLAB training program conducted by MathWorks, Bangaluru, during 6<sup>th</sup> to 10<sup>th</sup> January, 2020.

#### Papers presented/published:

1) Sudhir M. Hiremath, Seema S. Khemalapure, Chidanandayya S. Hiremath, Anil S. Patil, Mahantesha Basanagouda(2020), "Quantum chemical computational and spectroscopic (IR, Raman, NMR, and UV) studies on the 5-(5-methoxy-benzofuran-3-ylmethyl)-3H-[1, 3, 4] oxadiazole-2-thione", Journal of Molecular Structure (ELSEVIER), Vol 1210,128041, <https://doi.org/10.1016/j.molstruc.2020.128041>

2) Mr. Santosh S. Nandi (2020), presented a paper entitled, "A Facile Synthesis of Poly (3-Octyl Thiophene): Ni<sub>0.4</sub> Sr<sub>0.6</sub> TiO<sub>3</sub> Hybrid Nano composites for Solar Cell Applications" at 4th International Conference on Advances in Materials Science, (ICAMS – 2020) 20<sup>th</sup> – 21<sup>st</sup>, Rajaramrao Mahavidyalaya, Jath, Dist: Sangli and also received best Oral Presentation award.

#### Events Conducted:

1) Department of ESH conducted the AICTE ORIENTATION PROGRAM PHASE- II, for first year students during 10<sup>th</sup> to 15<sup>th</sup> February, 2020.



Dr. D. G. Kulkarni, Director, KLE MBA : Proficiency module



Prof. Somnath Yadwad : Universal Human Values



Dr. R. B. Nerli, Professor & Head, Dept. of Urology, J.N. Medical College, Belagavi: Health tips to maintain Good Health



Prof. S. B. Kulkarni Professor, E & C : Common Engg Clinic



Dr. R. V. Raikar Dean R & D: Research and Development activity





Mr. Vinay Katageri, CEO, AURA Training Consultancy, Belagavi: Soft skills & Life skills



Students enjoying Sports fitness activity organized by college Sports department



Visit to the fort of Rani Kittur Chennama at Kittur

## MBA DEPARTMENT



One day workshop on Personality Development was organised by Prof. Prayag Gokhale, Assistant Professor, KLE Dr. MSSCET, Belagavi for the final year students of M.Com Course of Devchand College, Nippani on 7<sup>th</sup> January, 2020.



First year students visited the Akshay Patra at Hubli as part of Activity Based Learning at 5.30 am on 6<sup>th</sup> March, 2020. Focus on student centric approach.

## Workshops/ Seminars/ FDP attended by the staff.



Department of MBA in association with the Women's Cell at KLE Dr. MSSCET, Belagavi celebrated International Women's Day. Mrs. Nagratna Sunil Ramagouda, Founder and President, Ashraya foundation, Belagavi was the Chief Guest for the event. Several competitions were organized to celebrate the essence of woman hood on the occasion.



Heartiest Congratulations to the first semester students of KLE MBA for winning the General Championship at IMSR, Hubli for the event BAMBOOZLE.

## Papers presented/published/Conferences:

Prayag Gokhale, Shraddha Melga, Sudha Dalvai (2020), A Study on User Adoption and Future Potential of Crypto Currency, International Journal of Marketing, Sales and Brand Management, Volume 2, Issue 1, pp 104-119.

Prayag Gokhale, Dr. S. R. Bharamanaikar (2020), An empirical study on the impact of age, gender, experience and annual income on selected behavioral biases of Indian investors, Journal of Banking, Finance and Insurance Management, Volume 3, Issue 2, pp 01-08.



## PHYSICAL EDUCATION AND SPORTS DEPARTMENT

Football team secured the Runners-up Trophy in the Inter College Trinity Cup Football Tournament, organized by Trinity college of Commerce from 21st to 23<sup>rd</sup> February, 2020.



**Ms. Shruti Ashtekar**  
(VTU 5<sup>th</sup> Rank – 8.48 CGPA)

## CIVIL ENGINEERING DEPARTMENT

### Survey camp



Extensive Survey Camp for 6th Sem Students from 23<sup>rd</sup> January, 2020 to 3<sup>rd</sup> February, 2020 at Savagao Village, Belagavi.



One day Workshop on Total Station was conducted by Prof. Nikhil Jambhle to the Diploma students of R. N. Shetty Polytechnic, Belagavi on 18<sup>th</sup> February, 2020.

### FDP Attended

Prof S.B. Cholekar and Prof. N.A. Jambhle attended a One week workshop on “Advancements in Building materials & Construction Practices”, organised by Department of Civil engineering, KLE Institute of Technology, Hubballi under TEQIP-3, In collaboration with VTU, Belagavi from 3<sup>rd</sup> to 7<sup>th</sup> February, 2020.

## MECHANICAL ENGINEERING DEPARTMENT



## BIOMEDICAL ENGINEERING DEPARTMENT

### In-house Activities

Biomedical Engineering Department in association with the Department of Electronics and Communication organized one-day workshop on “Artificial Intelligence and Machine Learning with Python” on 2<sup>nd</sup> March, 2020. About 180 students from Biomedical and Electronics & Communication Engineering attended the workshop. The resource person for the workshop was Mrs. Chetana Sarang Kulkarni, alumni and Chief Executive Officer of Jigyasa Infonautics, Belagavi. On the occasion, she highlighted that Machine learning is helping to streamline the administrative processes in hospitals, diagnoses and treatment of infectious diseases. She also stated that Artificial Intelligence has changed the scenario of the healthcare system in improving the overall efficiency while reducing the cost of care. She also focused on the applications of machine learning tools in the Biomedical Engineering domain.



### VTU Rank Holders in Biomedical Engineering for the year 2018-2019.



**Ms. Pranali Shirolkar**  
(VTU 2<sup>nd</sup> Rank – 8.76 CGPA)





## Aero

### 2020 Kshitij at IIT Kharagpur

Boeing National Aero-modelling competition (3 teams, 2 teams got best Pilot as cash prizes), National Robowar(2 teams), Sandrover (2 teams), Arms of Arculies (1 team). Mechanical - Mustafa, Vishal, Manjunath, Minoshka, Pooja, Kushal, Praveen, Sateesh, Yesh, Aman. Electronics and Communication-Grame, Vidhula, Ruchira, Pavan, Pavitra.

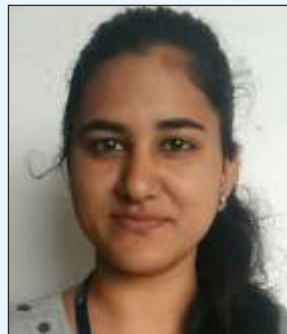
## CHEMICAL ENGINEERING DEPARTMENT

### VTU RANKS

Six students from the department secured ranks to the University.



**MR. NAGARAJ DEVAR**  
CGPA - 8.92  
VTU Rank - II



**MISS. AKSHATA CHAVAN**  
CGPA - 8.81  
VTU Rank - III



**MR. SURAJ SHET**  
CGPA - 8.69  
VTU Rank - V



**MISS. D`SOUZA FROILA DONNA**  
CGPA - 8.59  
VTU Rank - VI



**MISS. SAPANA GIRIYANAVAR**  
CGPA - 8.49  
VTU Rank - VII



**MISS. POONAM KUTRE**  
CGPA - 8.39  
VTU Rank - VIII

### Guest lecture of Design of Heat Exchangers

Guest lecture was organized on the topic "Design of heat exchangers" for the students of Chemical Engineering on 6<sup>th</sup> March 2020. Dr. Veena Patil Shinde, Associate professor, Bharati Vidyapeeth (Deemed to be University) was the guest speaker for this event.



### Group Discussion

Group discussion was organized for pre-final year students of Chemical Engineering on 12<sup>th</sup> February, 2020.



### Badminton Tournament

Badminton tournament was organized on 18<sup>th</sup> February 2020, for the students of Chemical Engineering by Association of Chemical Department.

