

DR. M.S.SHESHGIRI COLLEGE OF ENGINEERING & TECHNOLOGY

(Constituent College of KLE Technological University, Hubballi @ **BELAGAVI CAMPUS**)

Approved by AICTE, New Delhi; Recognized under Section 2(f) of UGC Act 1956 and ISO 9001-2015 Certified Institute

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August-October : 2021

PATRONS

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Patent No. 382033 is Granted

Yet another feather in the cap of KLE Technological University's DR. M S Sheshgiri College of Engineering and Technology, Belagavi. The patent titled "AUTOMATIC CLEANING SYSTEM FOR SINK IN THERAPEUTIC EMESIS", with Patent No. 382033 is granted one of the three inventions of "Vama Sansadhan Yantra" a collaborative project with Shri. B. M. Kankanwadi Ayurvedic Mahavidhyala, Belagavi. This project had won national level India Innovation Challenge and Design Contest (IICDC) with the funding of 25 Lakhs in 2018.



Name	Address
Dr. Praveen Ghorpade	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. R.V. Raikar	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. S.F. Patil	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. Praveen Ghorpade	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. V.D. Gundkalle	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. Basavaraj G. Katageri	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. Sushil Kumar	KLE Tech University, Belagavi, Karnataka, India-591003
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Dr. Sushil Kumar	KLE Tech University, Belagavi, Karnataka, India-591003
Dr. Sushil Kumar	KLE Tech University, Belagavi, Karnataka, India-591003

Company	Package
TCS Digital	7.5 lpa
Eaton	7 lpa
Maple labs	5.5 lpa
Allegion	5.5 lpa
Persistent	4.71 lpa
Brillio	4.5 lpa
Digital Insurance	4.5 lpa
Surya Software systems	4.5 lpa

Campus Recruitment at Dr. MSSCET

Placement Drives are rushing-in to hire the best of the talent @Dr. MSSCET(campus). Strong network with industry, collaboration & updated skills of the students made recruiters to offer opportunities for the engineers at Dr. MSSCET. Prominent Companies conducted virtual Campus recruitment in the month of Aug-Oct 2021.

Ph.D Awardees



Dr. Lingaraj Hadimani

Department: Computer Science, Engg.

Thesis: "Non-Destructive Quality Evaluation of Kinnor Mandarins using visible imaging".

PhD.: AcSIR-Academy of Scientific & Innovative Research.



Dr. Savita Hanaji

Department of Mathematics University: Karnataka Dharwad

Thesis: "A Study of Wavelet Analysis and Its Applications to Solve Some Class of Equations".

Placements Records for 2021-22 Batch.

SL. NO	COMPANY	PACKAGE(LPA)	COUNT
1	DXC	4	24
2	Brillio	4.5	10
3	Persistent Systems	4.71	17
4	TCS Ninja	3.25	2
5	TCS Digital	7.5	2
6	SLK	3.25	14
7	Allegion	5.5	2
8	Digit Insurance	4.5	1
9	KPIT	3.6	2
10	Maple Labs	5.5	4
Average Package: 4.3 Lakh.		TOTAL	78

Student Achievement:



Abhinandan Tallur (student of VII semester B.E.) start up ARTALLUR TECHNOLOGIES INDIA LLP accepted by VTU to establish his start up in VTU during September 2021.

Department of Electronics & Communication Engineering

Prof. Swati Mavinkattimath attended webinar on "Filter design using Xilinx Vitis High Level Synthesis on Pynq Z2 board" conducted by CoreEL Technologies and Xilinx on 29th Oct 2021



Workshops/Seminars attended and conducted:

1. Dr. Arun Tigadi attended workshop on "Engineering Exploration" from 25th-30th October 2021 at KLE Technological University Hubballi. Dr. Arun Tigadi attended FDP on "AICTE IDEA LAB" from 22nd-26th September 2021 at College of Engineering Pune.
2. Prof. Vijay Rayar attended workshop on "Engineering Exploration" from 25th-30th October 2021 at KLE Technological University Hubballi.
3. Prof. Sushant.J attended two days national level online workshop on "Neural Networks using Python, Flask Framework" organised by NITK-STEP in association with Pantech from 28th September, 2021 to 29th September, 2021.
4. Prof. Rudrappa.G attended two days national level online workshop on "Communication System 5G Design using MATLAB" organised by NITK-STEP in association with Pantech from 23rd October, 2021 to 24th October, 2021.
5. Prof. Rudrappa.G attended two days national level online workshop on "Autonomous Vehicles using LIDAR" organised by NITK-STEP in association with Pantech from 25th September, 2021 to 26th September, 2021.



Staff Academic Activities:

Dr. Rajashri Khanai successfully completed an NPTEL course on "Introductory Neuroscience and Neuro-Instrumentation".



Paper Publications/List of Publications in National / International Journals:

Mavinkattimath, Swati G., and Rajashri Khanai. "Simulation of Hardware Accelerator for Wireless Body Sensor Network." Wireless Personal Communications (2021): 1-11. <https://doi.org/10.1007/s11277-021-08908-z>.

Department of Electrical & Electronics Engg.

Department Activities

1. Webinar on "3*3 strategy for beyond the third wave" on Aug. 14th org. by IEEE B'lore section and Mysore sub Chapter.

Coordinator: Dr. Sujata Patil.



2. IEEE Day was celebrated in the EEE seminar hall and a webinar was organized to highlight the role of IEEE in student's career.



Student Achievements

1. Our Department student Mr. Akash J. Patil has participated in the state level Ideath on competition conducted by ISTE Karnataka Section at Channabasaveshwara Institute of Technology, Tumakura.
2. Our Department student Mr. Akash J. Patil has participated and secured the first place in the National level virtual project competition held at SGBIT, Belagavi for the project Titled "Sea Tide Power Project".
3. The same project is also presented at IEEE mini project competition held at BIT Bangalore and he won the second place.

Department of Chemical Engineering

Departmental Activities : Farewell for final year students

The final year students of Batch-2021 were bid farewell by second and third-year students.

Dr. Sneha Bandekar, HOD, elucidated on chemical Engg. Curriculum that imparts a comprehensive and balanced education to adopt to newer technologies in professional career. Principal, Dr. Basavaraj Katageri, presiding over the function, said the dynamic nature of the process industry offers significant opportunities to develop new knowledge and shape the technical leadership.

The Guest of Honor, Mrs. Arpita Sadalgekar Deshpande, Research and Development Engineer, Sneham International, Belagavi. Ms. Arpita, enlightened the importance of technical knowledge and ability enhancement courses to be acquired as a part of lifelong learning to be successful in professional life.

Ms. Gayatri A., Secretary ACES, presented the annual report of the "Association of Chemical Engineering" activities, and Mr. Hrushikesh Todale, Joint Secretary, proposed the vote of thanks. Ms. Tejaswini Nayakar and Mr. Mayur Sutar compered the event.



Student Achievements :



Mr. Rakshit Raikar, was Campus recruited by Molex (India) Pvt. Ltd. B'lore August, 2021



Miss. M. Pragati, was campus recruited by KPIT Technologies Limited, B'lore October, 2021.



Mr. Faizan Dhavalikar, Mr. Suraj Sambaragi, Mr. Tushar Patil, and Mr. Yogesh Patil for being campus recruited by TCS, Blore Oct, 2021.

Faculty Publications

- Sneha S. Bandekar, Chidanand Patil, and Tausif Ahmed Sayed published a paper entitled "Activated Rice Husk as Chemical Oxygen Demand Reducing Agent in Petroleum Contaminated Water" in Journal of Indian Association for Environmental Management, eISSN No.: 2582-4228, <http://op.niscair.res.in/index.php/JIAEM/index>.
- Kadapure S.A., Deshannavar U.B., published a paper entitled "Bio-smart material in self-healing of concrete" in Materials Today: Proceedings, 2021 July 28. doi.org/10.1016/j.matpr.2021.07.245

Book chapters published by Faculty

- Bandekar S.S., Patil C., Kulkarni G.S., Prakash K.B. (2022) A Novel Approach to Utilize Fly Ash to Enhance Compressive Strength of Diesel-Soaked Concrete. In: Nandagiri L., Narasimhan M.C., Marathe S., Dinesh S. (eds) Sustainability Trends and Challenges in Civil Engg. Lecture Notes in Civil Engg., Vol. 162. Springer, Singapore. doi.org/10.1007/978-981-16-2826-9_34
- Chidanand Patil, Sneha Bandekar, Sateesh Hosamane, Sangami S., Adavimath A., published paper entitled "Assessment of surface water quality parameters of Panchganga river" in Sustainability Trends and Challenges in Civil Engg., 2022 (pp. 781-797). Springer, Singapore. doi: 10.1007/978-981-16-2826-9_49

Department of BioMedical Engineering

Dpt. of Biomedical Engg. org. a Guest lecture on "Opportunities and Scope of Biomedical Engineering" by Mrs. Chetana Sarang CEO Jigyasa Infotech, Bgm, on 03rd Aug. 2021.



Paper Publications/Journal Publications

1. S. S. Ittannavar and R H Havaldar, published a paper on "Detection of breast cancer using the infinite feature selection with genetic algorithm and deep neural network" in International Journal of Distributed and Parallel Databases - Springer Nature 2021, doi: https://doi.org/10.1007/s10619-021-07355-w. (Article in Press) (SCI, WOS and Scopus indexed).

Conference:

1. S. S. Ittannavar, B. P. Khot, and Dr. R. H. Havaldar have published a paper on "Classification of Covid-19 for Chest X-ray Images Using Deep Learning" in an International Conference on Technical Emerging Challenges in Computer Science and Engineering, on 20th - 21st October 2021, at Tirumala Engineering College, Jonnalagadda, A.P)

VTU Rank Holders in Biomedical Engineering for the year 2019-2020.



Ms. Navya Krishnadas Bhat
(BM Engineering)
(VTU 1st Rank – 8.84 CGPA)



Ms. Bhavani Dinesh Ulman
(Bio-Medical Engineering)
(VTU 2nd Rank – 8.76 CGPA)



Ms. Sonam Netalkar
(Bio-Medical Engineering)
(VTU 3rd Rank – 8.67 CGPA)



Ms. Rachael Fernandes
(Bio-Medical Engineering)
(VTU 4th Rank – 8.64 CGPA)



Ms. Megha Madan Kulkarni
(Bio-Medical Engineering)
(VTU 5th Rank – 8.57 CGPA)



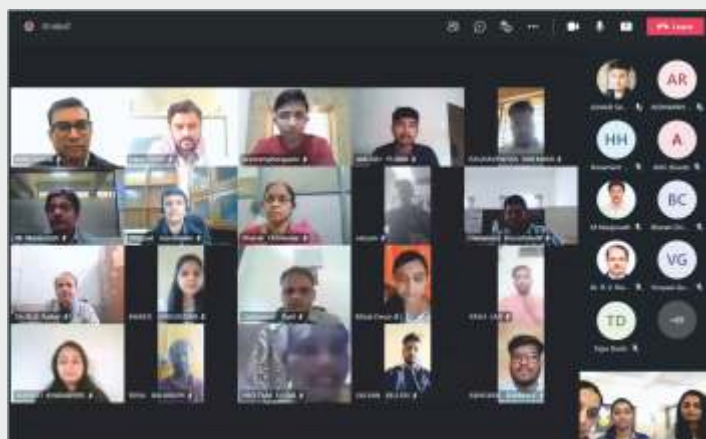
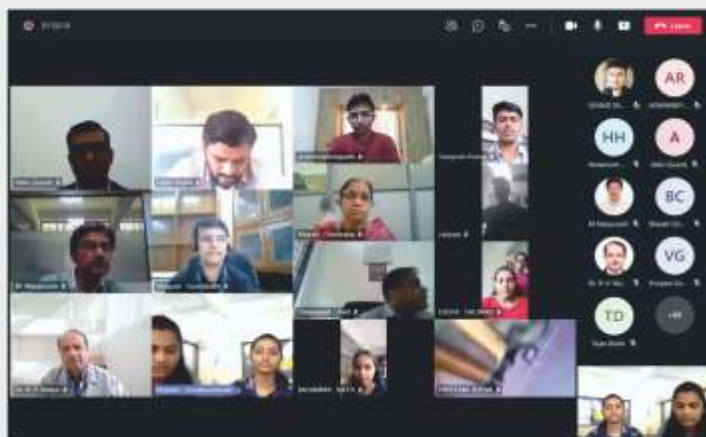
Ms. Shreya Patil
(Bio-Medical Engineering)
(VTU 7th Rank – 8.46 CGPA)



Ms. Shashwati N. Purandare
(Bio-Medical Engineering)
(VTU 10th Rank – 8.21 CGPA)

Department of Civil Engineering

Virtual Farewell function for final year students was organized on 6th August 2021 at Civil engineering department of KLE Dr. M. S. Sheshgiri college of Engineering and Technology, Belagavi. Mr. Abhishek Pathade, Head of design Department, Engineering Manager TIGER STEEL ENGINEERING, SHARJAH, UAE was chief guest for the function. The highlights of the session were on meaning of success, goals and strategies, dealing with failure etc. Dr. M. Manjunath, HOD, Civil Engg.Dpt. welcomed the gathering. Dr. Basavaraj Katageri, Principal, gave presidential remarks. Prof. Nayana P. Hoolikantimath co-ordinated the event.





Department of Mechanical Engineering

Student Achievements

Sl. No	Name	Company Placed
1	Pratik	SLK
2	Chaitanya Patil	SLK
3	Vishal Kekare	SLK
4	Vaishnavi Patil	SLK
5	Sourabh Dalvi	SLK
6	Satish Desai	SLK
7	Prathamesh Yarnalkar	Eaton
8	Rakesh Patil	Eaton
9	Vaishnav Pilankar	Eaton

List of Publications

1. **Nandurkar S.**, Kulkarni S., Hawal T., Pattar N., Kelageri N., Investigation of Effect of EDM Process Variables on Material Removal Rate and Tool Wear Rate in Machining of EN19 Steel Using Response Surface Methodology, Sustainable Machining Strategies for Better Performance. Lecture Notes in Mechanical Engineering, 2021. DOI: 10.1007/978-981-16-2278-6_7
2. **Deepak C. Patil**, Nagaraj K. Kelageri, Sanjeev A. Janawade, Mahesh S. Mishrikoti, Design and analysis of 25 T injection molding machine, Materials Today: Proceedings, Volume 46, Part 7, 2021, Pages 2596-2601.
3. Experimental investigation on CI engine with jatropha biodiesel-hydrogen peroxide blends. IOP Conf. Series: Materials Science and Engineering 1070 (2021) 012102, doi:10.1088/1757-899X/1070/1/012102.
4. Experimental analysis of CI engine using zirconia ceramic powder coated piston fuelled with Karanja biodiesel. Materials today proceedings, Volume 42, Part 2, 2021, Pages 1387-139. <https://doi.org/10.1016/j.matpr.2021.01.113>
5. M. Sadiq A. Pachapuri, Ravi G. Lingannavar, Nagaraj K. Kelageri, Kritesh K. Phadate, Design and analysis of lower control arm of suspension system, Materials Today: Proceedings, 2021.

Department of Engineering Science and Humanities

Papers published in National/International Journal

- 1) Jaishri B. Veeragoudar and Bhakti S. Bhadre published a paper entitled, "First Zagreb index and coindex of the Block-Transformation Graphs $G_{\alpha\beta\gamma}$ ", Journal of Information and Optimization Sciences, Vol. 42 (2021), NO. 06, 1397 – 1408.

Conferences/Webinars/FDPs attended

- 1) Dr. Manjula Gudgeri, Dr. D. S. Revankar, Dr. B. S. Durgi, Dr. Priya M. Gouder, Dr. Jaishri B. Veeragoudar and Dr. Shobha V. Patil participated in three days online faculty development program on 'Symposium on Engineering Mathematics with MATLAB', organized by IUCEE Foundation, RV College of Engineering and Math Works India Private Limited from 6th to 8th September, 2021.
- 2) Dr. B. S. Durgi, Dr. Jaishri B. veeragoudar and Dr. Shobha V. Patil attended a Faculty Development Program, Series – 1 on Mathematics in Artificial Intelligence, Machine Learning and Deep Learning for Faculty and Practitioners, Organized by Department of Computer Science, KLE Institute of Technology, Hubballi, During 1st to 5th September, 2021.

Master of Business Administration (MBA)

Belgaum District Small Scale Industries Association

On the occasion of Small Scale Industries day Dr. D. G. Kulkarni of KLE MBA shared his thoughts with the learned Industrialists of Belagavi on Tuesday, 31st Aug., 2021. Org. by BDSSIA (Belgaum District Small Scale Industries Association). Very engaging session amidst COVID protocols. A step towards getting connected with Local industries.



World Photography Day



On the occasion of World Photography day a photograph competition was organized from 19th Aug to 28th Aug 2021.

Urban Health Center Staff Felicitated.



World Humanitarian Day is commemorated every year on 19th Aug. to pay tribute to humanitarian workers killed and injured in the course of their work & to honor all aid and health workers who continue, despite the odds, to provide life-saving support and protection to people in need. The Dpt. of MBA of Dr. MSSCET, Belagavi observed this day by felicitating the Dr.'s and Health workers of the Primary Urban Public Health Care center of Tilakwadi.

University Rank to VTU



Ms. Anaya Nayak secured 6th Rank to the university in MBA.

Campus to Corporate Workshop for MBA students by Ms Harshita Prasad (Corporate trainer)



FAREWELL ADDRESS BY PRINCIPAL TO MBA STUDENTS.



ATAL FDP Attended

- **Dr. Prayag Gokhale**
 - o Computation Foundation for Data Science
 - o AI in Banking and Financial Services
- **Prof. Vaibhav Badgi**
 - o Understanding Human Behavior in Organization
 - o Financial Derivation Basic to Advance
 - o Econometric for Management
- **PATENT**



Library

National librarians' day

Library and Information Center at Dr. MSSCET, Bgm had organized Librarians' Day Celebration on 12th Aug,'21. Principal Dr. Basavaraj Katageri paid floral tributes to the Father of Library Science of India, Dr. S.R. Ranganathan and expressed that in the digital age also Libraries and librarians have their same old importance and in view of perceived obsolescence. He also said that present generation students should understand the importance of library and librarians as a centre of wholesome education and the quencher of thirst for concrete, fathomless, ultimate knowledge.



Webinar on "Open Educational Resources for Engineering Education in view of NEP"

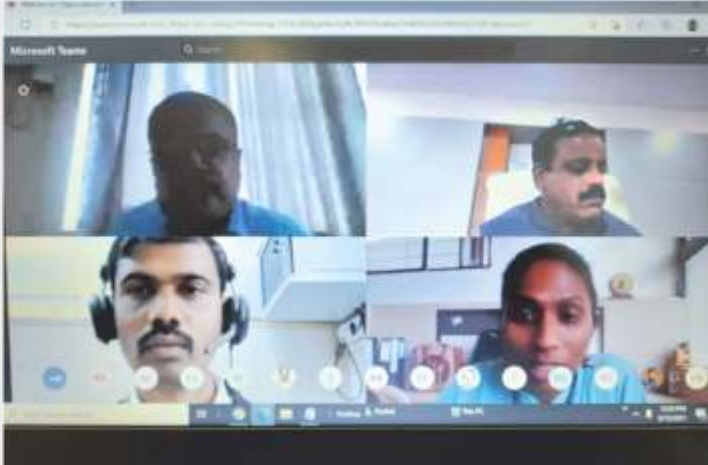
The Library in association with National Digital Library of India (NDLI) and NDLI Club, organised a webinar, "Open Educational Resources for Engineering Education in view of NEP."

The resource person: Dr. P. G. Tadasad, Prof and Chairman, Department of Library & Information Science, Karnataka State Women's University, Vijayapura, enlightened the initiatives such as Digitalization, Massive Open Online Courses, NPTEL, have become popular avenues for diverse learners to upgrade their knowledge and skills. He said there is a need for

facilitators to develop MOOCs with the right blend of pedagogy and technology features to mimic classrooms and create learner-centric MOOCs.

Principal, Dr. Basavaraj Katageri, presiding over the function, appreciated the initiatives of the Ministry of Education, Govt. of India, such as NDLI, to create and share Open source information that is publicly available and conform to existing legal copyright requirements.

Deans and Heads of various Departments, library staff, faculty members, students from different colleges and library personnel from institutions spread all over Karnataka attended the event.



FOR ADMISSIONS CONTACT

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