



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
Ph.: 0831-2443881, 82, 83, 2440322; Fax:0831-2441644; Web: www.klescet.ac.in; Email: principal@klescet.ac.in



February- July : 2021

PATRONS

Dr. Prabhakar Kore
Chairman, BOM
KLE Society, Belagavi

Sri. S. C. Metgud
Chairman, LGB.
Dr. MSSCET, Belagavi

EDITORIAL BOARD

Dr. Praveen Ghorpade
Dr. R. V. Raikar
Dr. U. B. Deshannavar
Dr. S. F. Patil
Dr. V. D. Gundkalle
Dr. D. G. Kulkarni

EDITOR IN CHIEF

Dr. Basavaraj Katageri
Principal,
Dr. MSSCET,
Belagavi

EDITOR

Ms. Rushali Ligade
HR Manager

SELECTED TO SET-UP IDEA LAB – AICTE



DR. M. S. Sheshgiri college of Engineering & Technology is selected by AICTE- New Delhi at the National Level to set up IDEA LAB with 110 lakhs funding. In a stiff selection process at the National level 204 college applications were accepted, 152 were shortlisted, and 49 were selected for the Grant.

The only college in Belagavi district among the 49 selected at National Level- to be selected by All India Council of Technical Education (AICTE)- New Delhi to set up Idea-Lab with 110 lakhs funding.

This will enable budding engineers to give shape to their innovative ideas. It will promote blended learning and skill development. Multi-disciplinary domain knowledge will be essential.

Incredible Placement Records @ Dr.MSSCET
With **95%** of students getting placed every year

- ✓ **No. of Companies Visited Virtually: 90+**
- ✓ **Average Company Package: 4.5 lpa**
- ✓ **Highest Company Package: 10 lpa**
- ✓ **Total No. of Offers: 540+**



Government of Karnataka

VISION GROUP ON SCIENCE AND TECHNOLOGY

Department of Information Technology, Biotechnology and Technology

A Proposal for the Establishment of IoT and AI lab for Problem Based Learning is selected by VGST with a grant of Rs.15 lakhs.

Principal-Investigator: Dr.Arun Tigadi, ECE
Co PI: Asst.Prof.Rudrappa Gujanatti, ECE

Vision Group on Science and Technology (VGST) is an apex advisory body to recommend Science and Technology Programs relevant to the mandate of DST playing a vital role in catalysing & strengthening educational institutions to meet scientific and technological needs.



Dr. Arun S. Tigadi



Asst. Prof. R. Gujanatti



Ph.D Awardee

Dr. Prayag Gokhale

Dept. of MBA (Finance)

- **University:** Visvesvaraya Technological University Belagavi.
- **Thesis:** "An Application of cumulative Prospect Theory for building an Optimal portfolio for Indian investors"

Workshops:

"Mission Zindagi" workshop on "Immunity enhancement program through breath yoga and meditation"

KLE Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi
Department of Chemical Engineering
[Accredited by National Board of Accreditation (NBA), New Delhi]

3 DAY WORKSHOP
MISSION ZINDAGI- THE ART OF LIVING
IMMUNITY ENHANCEMENT PROGRAM

TIME
14th,15th & 16th JUNE 2021
10:00 am - 11:00 am

ART OF LIVING FACULTY

Mrs. Prashanth S Kanchan

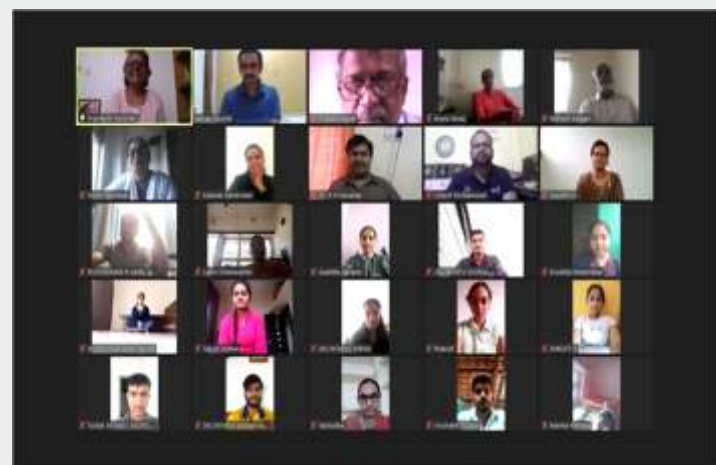
Mr. Sanjay Govind

Mr. Mahesh Kerkar

For Registration- <http://aolt.in/573596>

Co-ordinator
Dr. Sneha S Bandekar

Principal
Dr. Basavaraj Katageri



The Chemical Engineering Department organized "Mission Zindagi" a workshop on Immunity enhancement program through breath yoga and meditation from 14th to 16th June 2021.

Key resource people were: Ms.Prashanth Kanchan, Shri Sanjay Govind, and Shri. Mahesh Kerkar from the Art of living.

The resource people educated on the importance of yoga to enhance physical and mental health and trained students and faculty members on asanas and meditation techniques.

Principal, Dr. Basavaraj Katageri, expressed his concern for student's well-being and emphasized on developing willpower in this critical moment.

Mock Interviews:

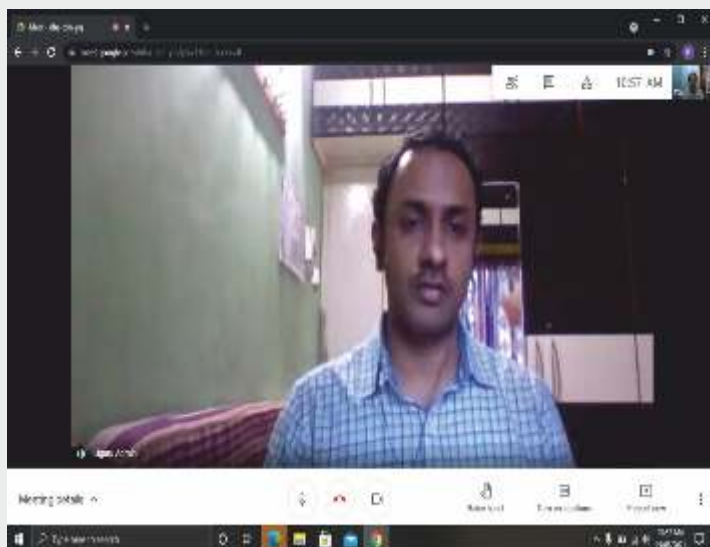
KLE Dr.M.S.Sheshgiri College of Engineering & Technology, Belagavi
Department of Chemical Engineering
[Accredited by National Board of Accreditation (NBA), New Delhi]

MOCK INTERVIEW
by
Resource Persons from Innovation Unlimited, Bangalore

Dr. Santosh A Kadapure
ACES Co-ordinator

Dr. Sneha S Bandekar
Head Of The Department

Dr. Basavaraj G Katageri
Principal



Mock interviews were organised for students to make them industry-ready on 19th June, 2021. Experts from Innovations Unlimited (IU) Training Services, Bangalore, conducted the mock interviews and imparted necessary inputs to enhance the communication skills and technical thinking processes.

Workshop on Process Safety

KLE Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi
Department of Chemical Engineering
(Accredited by NBA, New Delhi)

Online workshop on
"Process Safety"
by
Mr. Jeevan Kamble
Manager, HLL Lifecare, Kanagala

Date: 19.07.2021 **Time: 10.30 am to 12.30 pm**

Platform: MS Teams

Coordinator **Head of Department** **Principal**
Prof. P. G. Hegde Dr. S. S. Bandekar Dr. B. G. Katageri



Department of chemical engineering, ISTE local chapter, AIChE student chapter & IChE student chapter jointly organized a workshop on "Process safety" on 19th July 2021. The resource person Mr. Jeevan K. certified safety auditor, Manager, HLL Lifecare, Kanagala Enlightened the students and faculty about analysis of hazards, prevention of accidents through utilization of safety devices and the importance of personal protective equipment.

Webinar:

"Process Intensification of chemical processing application using cavitation reactors" on 22.07.2021



A Webinar on "Process Intensification of chemical processing application using cavitation reactors" was organized on 20th July 2021 by the Dr. MSSCET, Belagavi, ISTE Local Chapter, AIChE student chapter & IChE student chapter.

Dr. Parag Gogate, Prof, Dept. of Chemical Engineering, Institute of Chemical Technology, Mumbai, spoke on salient aspects of hydrodynamic cavitation and imitating nature for sustain ability. Types of cavitation devices and special hybrid reactors for tailor-made effects were also explained. Dr. Gogate explained case studies on using hybrid reactors in nano material production, distillery waste treatment and scaling of the reactor optimized product recovery in process industries.

Guest Lecture:

"Overview of Chemical Regulations in Automobile Industry" on 26th July 2021



A guest lecture on "Overview of Chemical Regulations in Automobile Industry" was jointly organized on 26th July 2021 by the Dr. MSS CET, Belagavi, ISTE Local Chapter, AIChE student chapter & IChE student chapter.

Mr. Kiran Jagatap, Sr. Performance Eng., General Motors, Detroit, USA, explained chemical legislations that have increased the responsibility on automobile companies to communicate, notify, phase out substances of concern throughout the supply chain and maintain the global economy.

Dr. Basavaraj Katageri, Principal, said that the Chemical engineers have contributed to the automotive industry by designing innovative composite materials and developing processes for corn and sugar to produce ethanol as a sustainable alternate fuel.

FACULTY DEVELOPMENT PROGRAMME:

1. Dr. S. N. Hosamane attended the ATAL Faculty Development Programme on "Computer Science and Biology" for 5 days, organized by Padmabhooshan Vasatraodada Patil Institute of echnology, Budhgaon, Maharashtra, from 18th to 21st January. 2021.

2. Dr. S. N. Hosamane attended 5 days ATAL Faculty Development Programme on "Geo-informatics and Web Technologies," organized by BanasthaliVidyapith,Jaipur, Rajasthan, from 18th to 22nd May 2021.

3. Dr.Sneha Bandekar attended a workshop on "Immunity and Breath" from 14th to 16th June 2021 Organized by the Department of Chemical Engineering, Dr. MSSCET, Belagavi

4. Dr. Sneha Bandekar attended "Faculty Development Programme" on Advances in Manufacturing (AIM-2021), 15th June - 19th June2021, Organised by the Department of Mech Engg, BIT Sindri, Dhanbad in collaboration with TEQIP III.

5. Prof. Prasad Hegde attended the first conference on deployable AI organized by Robert Bosch Centre for Data Science and Artificial Intelligence, Indian Institute of Technology, Madras, 16th to 18th June 2021

6. Dr. Sneha Bandekar attended FDP on "Product and Process Innovation: Concepts, Protection and Commercialization",21st to 25th June 2021, Org. by Chandigarh Engg. College, CGC Landran, Mohali and Design Innovation Centre (DIC), IIT, Roorkee.

7. Prof. Prasad Hegde attended ISTE approved online FDPon "Design development of Drone and its Applications" 21st-25th June 2021, org.by Sanjay Ghodawat University, Kolhapur, Maharashtra.

8. Dr. Sneha Bandekar attended webinar on "Creativity and Innovation: Creating Exciting Ideas and Projects" on 3rd July 2021, Organised by the Mech Engg.Dept, School of Engg.& Tech, Kaziranga University, Jorhat, Assam.

9. Dr. S. N. Hosamane attended 5 days FDP on "Advances in Fluid, Heat and Mass Transfer," org. by SVIT - Nashik, 5th to 9th July 2021.

10. Dr. Sneha Bandekar attended the National level FDP on "Advances in fluid, Heat, and Mass Transfer" 5th to 9th July 2021, Org. by Dept. of Chem Engg & Dept. of Mech Engg, Sir Visvesvaraya Institute of Technology, Nashik

List of Publications in National/International Journals (February to July 2021):

1. Sunita S. Patil, Umesh B. Deshannavar, M. Ramasamy, Sampath Emani, Nima Khalilpoor, Alibeklssakhov, Study of Extraction Kinetics of Total Polyphenols from Curry Leaves, International Journal of Chem Engg, vol. 2021, pp. 1-8, 2021 DOI: 10.1155/2021/9988684(Hindawi – SCIE, IF: 2.257, Q3).

2. Rahul A. Patil, **Umesh B. Deshannavar**, M. Ramasamy, ampath Emani, Alibeklssakhov, NimaKhalilpoor, Briquetting of dry sugarcane leaves by using press mud, cow dung, and buffalo dung as binders, International Journal of Chem Engg, vol. 2021, pp. 1-12, 2021 DOI: 10.1155/2021/8608215 (Hindawi – SCIE, IF: 2.257, Q3).

3. Pallavi S. Patil, **Umesh B. Deshannavar**, M. Ramasamy, Sampath Emani, Production, Optimization, and Characterization of Sugarcane (Saccharumofficinarum)- Papaya (Carica papaya) wine using Saccharomycescerevisiae, Environmental Technology and Innovation, vol. 21, 101290, 2021 DOI: 10.1016/j.eti.2020.101290 (Elsevier – SCIE, IF: 5.263, Q1).

4. Patil, Chidanand, M. Manjunath, **Sateesh Hosamane**, **Sneha Bandekar**, and Rubeena Athani. "Pozzolanic activity and strength activity index of bagasse ash and fly ash blended cement mortar." Materials Today: Proceedings 42 (2021): 1456-1461.**Elsevier – Scopus**

5. **Sneha S. Bandekar**, **S.S. Kerur**, Sheela Kore, **Prasad G. Hegde**, "Synthesis and antimicrobial activity of plant-based silver nanoparticles - A Review." International Conference on Innovative Trends in Electronics, Electrical and Computer Technology, 2021, ICITEECT-2021 published in BBRC **Scopus indexed** journal.

6. S. S. Kerur, **Sneha S. Bandekar**, **Prasad G. Hegde**, "Removal of Hexavalent Chromium-Industry treated water and Wastewater: A Review," second international conference on Recent Advances in Materials and Manufacturing (ICRAMM 2020) 20-21, Nov 2020, Erode, Tamil Nadu published in Materials today proceedings, **Elsevier publication**.

STAFF ACADEMIC ACTIVITIES:

Dr. S. N. Hosamane was invited as an expert to deliver guest lect. on "**Sugar Instrumentation**" for B.Sc. (V Sem) students at S. Nijalingappa Sugar Institute, Belagavi, in May/June 2021.

STAFF DEVELOPMENT PROGRAMME:

1. **Shri. B.Panadare**, **Shri. U. Motagi**, Instructors & **Shri. Girish Gainger**, Foremanattended a workshop on "**Immunity and Breath**" from 14th to 16th June 2021 Organized by Dept. of Chem Engg,Dr. MSSCET, Belagavi

2. **Shri. B.S.Panadare**, Instr., attended Webinar on "**Energy Management in Educational Institutions**" org. jointly by Dr. MSSCET, ITS student branch chapter, IEEE Bangalore Section, and IEEE information theory society Blore chapter on 11th June 2021.

DEPARTMENT OF BIO-MEDICAL ENGINEERING

Webinar:

"Mapping Your Skills to Job Profiles post Biomedical Engineering" on 21st April 2021.Speaker: Mr. Rahil (Biomedical Engineer Functional Consultant). He spoke on Biomedical Resource Works, Industry Segmentation, Marketing and Sales & the role of Research Eng., Design Eng. & Production Eng. in Healthcare Industry. The session was very motivating and the participants interacted very enthusiastically.55 students and staff present were benefited.

The screenshot shows a Zoom webinar interface. At the top, there are logos for KLE Dr. M S Sheshgiri College of Engineering and Technology and SD. The main title of the webinar is "Mapping Your Skills to Job Profiles post Biomedical Engineering" with the subtitle "Know where you fit". The date is "DATE: APRIL 21, 2021" and the time is "TIME: 9:00 AM ONWARDS". The speaker is identified as "Mr. Rahil Engineer, Biomedical Engineer, Functional Consultant". The host is "Dr. Praveen Hegdekar, HOD - Department of Biomedical Engineering, KLE Dr. M S Sheshgiri College of Engineering and Technology, Belagavi". The webinar content includes a slide titled "Marketing and Sales" with bullet points: "Powerful MBA Case", "Responsibilities: Finding leads, market research, Closing Deals, Promoting the product, Highlighting the features to existing CUSTOMERS, Healthy Relationship with Clients", "Not needed: Very strong communication, Strong Management, Strong People Skills, Like to travel and work, Less Technical". There are also checkmarks for "Learn to Learn", "Come On the Road", "Travel Whenever You get the Chance", and "Working in the latest way of learning". The interface shows a list of participants: Arpita H, Shobha H, Sirman R, and Rahil (Guest).



1. Dept of Biomedical Engg. Conducted a Webinar on **“Scope and Requirements of Future Networks for Smart Healthcare”** on 26th July 2021. Eminent speaker: Dr. Jagadeesha R. Bhat (Prof., IIIT Dharwad), spoke about the Intelligent Communication Smart Surfaces, Smart hospital, IoT, different Network Evolution and smart healthcare. 140+ participants present were benefited.



JOURNAL PUBLICATIONS :

1. K. V. Sriram and R H Havaladar, published a paper on **“Analytical review and study on Object detection techniques in the image”**. International Journal of Modeling, Simulation, and Scientific Computing in May 2021, doi: 10.1142/S1793962321500318 (SCIE, WOS and Scopus indexed).
2. R. H. Havaladar, S. S. Ittannavar, B. P. Khot published a paper on **“Comparative Assessment of Image Processing Techniques for the Early Detection of Breast Cancer: A Review”** in March 2021. Biosc.Biotech.Res.Comm.Special Issue Vol 13, Issue 13, Pp-81 to 94. (WOS indexed).
3. R. H. Havaladar, Sanvi Bhise. S. Ittannavar, B. P. Khot published a paper on **“Various Methods for Estimation of Biomechanical Properties of Bone to Determine Strength of Bone”** in March 2021. Biosc.Biotech.Res.Comm.Special Issue Vol 13, Issue 13, Pp-74 to 80. (WOS indexed).
4. Priya B. Bagewadi, Sujata N. Patil, Parameshachari B. D. and Shweta Madiwalar published a paper on **“Machine Learning Applications for Automated Breast Cancer Detection and Analysis”** in March 2021. Biosc.Biotech.Res.Comm.Special Issue Vol 13 No. 13 Pp-21-27.

CONFERENCE:



1. Savita Bakare, Suneel C Shinde, Roopa Hubballi, Giridhar Hebbale, Dr. Vinayak Joshi have published a paper on **“A Blockchain-based framework for Agriculture Subsidy disbursement”** in an Annual International Conference on Data Science, Machine Learning and Blockchain Technology (AICDMB 2021) 15th – 16th Feb 2021, Mysuru, India Vol 1110 (2021). Pub online: 30th March 2021.

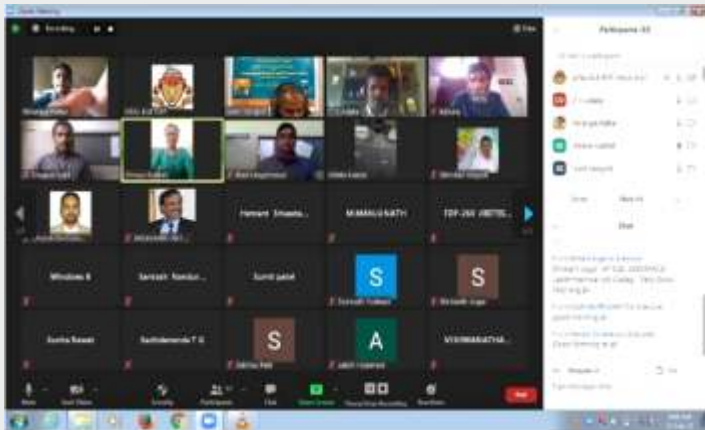
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Development Programmes FDPs

FDP on Augmented Reality and Virtual Reality was conducted during 22nd to 26th Feb, 2021.



Live Webinar on 3D Printing: Material



KLE DR. M. S. SHESHGIRI
COLLEGE OF ENGINEERING & TECHNOLOGY
UDYAMBAGI, BELAGAVI - 590008

DEPARTMENT OF MECHANICAL ENGINEERING

**Live Webinar on
3D Printing : Materials Extrusion**

On: 30th July 2021
Time: 11 AM

Resource Person
Somashekara M. A.
Mechanical, Materials & Aerospace Engineering
IIT Dharwad

Dr. R. G. Lingannavar
Event coordinator

Dr. C. V. Adake
Head
Mechanical Engg. Dept.

Dr. Basavaraj Kelageri
Principal
KLE Dr. NSSCET, Belagavi

1. Ramesh Katti, Amith Gadagi, Chandrasekhar Adake, B.G.Koujalagi, Somanath Yadawad, "Drilling of different materials through microwave radiations: A review". Materials Today Proceedings, Vol 46, Part 7, 2021, Pages 2653-2659.

2. 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

3. 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.

DOI: 10.1016/j.matpr.2021.05.035 |

DOI: 10.1016/j.matpr.2021.02.262

4. Kelageri NK, Patil DC, Pachapuri MS, Lingannavar R. RESPONSE SURFACE MODELING FOR OPTIMIZATION OF RING-STIFFENED POLYMER COMPOSITE PRESSURE HULL. Composites: Mechanics, Computations, Applications: An International Journal; 12(1). DOI: 10.1615/COMPMECHCOMPUTAPPLINTJ.2021036491

5. 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.

6. M B Sanjeevanavar: Experimental investigation on CI engine with jatropa biodiesel-hydrogen peroxide blends. IOP Conf. Series: Materials Science and Engineering 1070 (2021) 012102, doi:10.1088/1757-899X/1070/1/012102.

6a. 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>

7. Lingannavar, Ravi, and Pradeep G. Yammiyavar. "A Process to Understand Products in Terms of Design Elements Using Linkographs." Design for Tomorrow—Vol 2. Springer, Singapore, 2021. 893-902.

8. 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.

9. Chikkangoudar, R. N., Sachidananda, T.G., Pattar, N. "Influence of 3D printing parameters on the dimensional stability of polypropylene/clay printed parts using laser scanning technique", Materials Today: Proceedings, 2021, Volume 44, Part 6, Pages 4118-4123

10. Sachidananda, T.G., Adake, C.V., "Electric discharge machining of conducting ceramics - a review", Materials Science Forum, 2021, 1019 MSF, pp. 121–128

Webinar on Recent Trends Using Additive Manufacturing for Dental Industry on 06/07/2021

SRT
KLE
Dept of Prosthodontics & Crown & Bridge
KAHER KLE VKIDS
With Dept of Mechanical Engineering
KLE DR MS SHESHGIRI COLLEGE OF Engineering & Technology, Belagavi
In Association with Shree Rapid Technologies

**Webinar on
RECENT TRENDS USING ADDITIVE MANUFACTURING
FOR DENTAL INDUSTRY
ON 06/07/2021 AT 3-4 PM**

MR. V. IRAIMUDI
R. E. M. S (R&D RESEARCH)
GUEST SPEAKER

DR. ALKA KHAIR
PRINCIPAL
KLE VKI INSTITUTE
OF DENTAL SCIENCES

DR. ANANDKUMAR
C. PATIL
HOD DEPT. OF
PROSTHODONTICS

DR. BASAVARAJ KATAGERI
PRINCIPAL
KLE DR MERCEZ
BELAGAVI

DR. C. V. ADAKE
HOD
DEPT OF MECHANICAL
ENGINEERING
KLE DR MERCEZ
BELAGAVI

DR. ANITA BACHAVAR
CO-ORDINATOR

Live Webinar on 3D Printing: Material

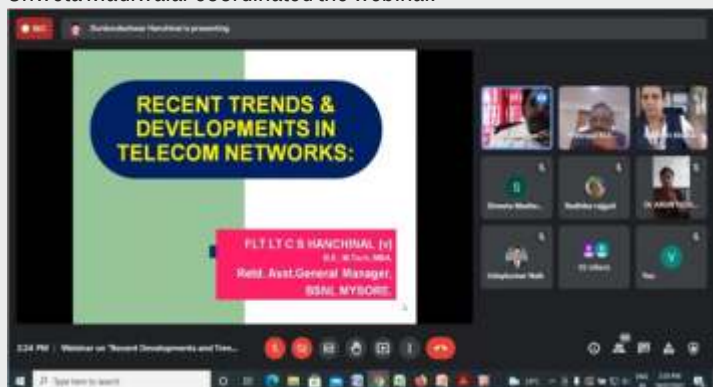
Designing Methods and Case studies in AR-VR

23-7-2021
10AM to 11.30 AM

Prof. Pradeep Yammiyavar FDRS
Professor Emeritus
Department of design
MADRAS INSTITUTE OF TECHNOLOGY GUWAHATI

Webinar:

Webinar on “Recent Trends and Developments in Tele-Communication Networks” on 19th July 2021. Resource Person: Mr. C.S.Hanchinal, ExAGM, BSNL, Mysore. Prof. Vijay Rayar and Prof. Shweta Madiwalar coordinated the webinar.



Workshops:

3 Day Wksh on "Emotional Intelligence for Personal and Professional success" 1st- 3rd April 2021, coordinated by Dr. Rajashri Khanai, HOD and Prof. Shweta M.

3 day wksh on Python for Networking from 12th-14th July 2021 coordinated by Dr. Arun Tigadi and Prof. Suresh Murgod for 6th Sem students. Prof. Abhinandan Shirahatti and Prof. Kiran Kataraki were the resource persons.



Staff Academic Activities:

A session on placement preparation “Class 2021 Success Stories” by Sr. placed students for 6th sem students was coordinated by the department placement coordinator Prof. Vijay Rayar on 7th July 2021. 112 students were present for the session.



Memorandum of Understanding between Department of Electronics & Communication Engg. and Enerzi Microwave Systems, Belagavi, on setting up a Centre of Excellence, in the areas of **Power Electronics, Embedded systems and RF and microwave instrumentations**. MoU has been extended for three years from 2021-2023.

Dr. Rajashri Khanai

1. Comparative Analysis of OFDM MIMO and IDMA OFDM MIMO using Aqua Sim Simulator for Underwater Communication, Shahapur, Salma S. and D. A. Torse. Journal of Physics: Conf. Series. Vol. 1921. No. 1. IOP Pub, 2021. (Scopus)
2. A Novel Symmetric Key Generation Technique for Securing Images in the Cloud: A Comparative Study BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS, Vol: 13, Issue: 13, Pgs: 67-73 (Web of Science)
3. Characteristics Mode Analysis of Modified Inset-fed Microstrip Antenna for Radio Frequency Energy Harvesting, BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS, Vol: 13, Issue: 13, Pages: 171-176 (Web of Science)
4. ANNs for Automatic Speech Recognition—A Survey, Jolad, Bhuvaneshwari, Expert Clouds and Applications. Springer, Singapore, 2022. 35-48
5. Machine Learning Application for Automotive Emission Prediction
6. Classification of Epileptic Seizures using Ensemble Empirical Mode Decomposition and Least Squares Support Vector, DA Torse, R Khanai 2021 International Conference on Computer Communication.

Dr. Udaykumar Naik

1. Optimal Multipath routing for Video transmissions in VANETs, Wireless Personal communication Journal 116 (1), 805-827
2. Miniaturised UWB MIMO antenna with improved isolation and band notch capability at 5.5 Ghz, Journal of Physics: Conference Series, 2021, 1921(1), 012040
3. Cellular automata-based optimized for Secure data transmission, transmission in Wireless sensor network
Journal of Experimental & Theoretical Artificial Intelligence, 1-19, 2021
4. Particle-Water Wave Optimization for Secure Routing in Wireless Sensor Network Using Cluster Head Selection, Wireless Personal Communications, 2021, 1-25

Dr. Sheela Kiran Kore

1. Formulations of the Challenges in Brain-Computer Interfaces as Optimization Problems-A Review, Frontiers in Neuroscience.
2. Synthesis and Antimicrobial Activity of Plant Based Silver Nanoparticles -A Review Design of MUX based Flash ADC for Reduction in Number of Comparators, Bioscience Biotechnology Research Communications special issue Volume 13 Number (13) 2020, pp 122-130.

Dr. Arun S Tigadi

1. Detection of Pedestrian, Lane and Traffic Signal for Vision Based Car Navigation, 2nd International Conf. for Emerging Tech (INCET), 1-6
2. Autonomous Vehicles: Present Technological Traits and EAI/Springer Innovations in Communication and Computing Scope for Future Innovation.

Vijay Rayar

1. Miniaturised UWB MIMO antenna with improved isolation and band notch capability at 5.5 Ghz, Journal of Physics: Conf. Series, 2021, 1921(1), 012040

Basavaraj Chougula

1. Facial Mask Detection and Alert System, 2021 International Conference on Intelligent Technologies (CONIT)

Shivaling M. Hunagund

1. A device frame work for IOT using web services, May 2021, 2nd INCET 2021 held at Bgm, 21st-23rd May 2021

Rudrappa B. Gujanatti

1. Miniaturised UWB MIMO antenna with improved isolation and band notch capability at 5.5 Ghz, Journal of Physics: Conference Series, 2021, 1921(1), 012040

2. Machine Learning Approaches Used for Weather Attributes Forecasting Techniques, IEEE 2nd International Conference of Emerging Technologies 2021 (INCET 2021) which was held at Jain College of Engg., Belagavi from 21st to 23rd May, 2021.

Sushant Jadhav

1. Machine Learning Approaches used for Weather Attributes Forecasting Techniques, IEEE 2nd International Conference of Emerging Technologies 2021 (INCET 2021) which was held at Jain College of Engg., Belagavi, 21st-23rd May, 2021.

Placements Records of Dr.M.S.Sheshgiri College of Engineering and Technology, Belgaum -2021

Sl. No	Company Name	Electronics & Communication Students	Package
1	CommScope Networks India Pvt Ltd	2	800000
2	TCS DIGITAL	2	720000
3	Morgan Stanley	1	700000
4	Pricewaterhouse cooper	3	600000
5	Vitesco	1	525000
6	Mistral	3	500000
7	Bridge2i	5	500000
8	BrightCamps	1	480000
9	Allegion	5	475000
10	Brillio Technologies	2	450000
11	Accenture	30	450000
12	IBM	3	450000
13	Attria Infotech	3	450000
14	Mountblue	1	430000
15	ilink	8	425000
16	Wiley	1	420000
17	Mindtree	2	400000
18	Cognizant	6	400000
19	DXC Technologies	2	400000
20	Qualitest	4	380000
21	Capgemini	5	380000
22	Infosys	8	360000
23	KPIT	2	360000
24	Wipro	6	360000
25	Hexaware Technologies	1	350000
26	NTT data	15	350000
27	Sonata	7	350000
28	TCS	27	336000
29	SLK	13	325000
30	Tantrayana Solutions	1	300000
31	PVH Software Solution	1	280000
32	Aequis	3	280000
33	Qspiders	6	275000
Total		180	

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Webinar:

A webinar on "Programming the Cloud: Towards Serverless Computing" conducted under CSI by Prof. S. R. Nagarmunoli on 23rd July 2021 for the reg. participants. Resource person: Mr. Shashikant Ilager, Cloud labs Dept. of Computing and Information Systems, University of Melbourne, Melbourne Australia. Event was coordinated by Dr. Manisha Tapale & Prof. Shashidhar H.



Workshop/Seminars:



Conducted AICTE sponsored online STTP on “DEEP LEARNING TOOLS & TECHNIQUES” (in 3 Phases) 23rd – 28th Nov 2020 and 7th – 12th Dec 2020. Participants for STTP include Research Scholars & Faculty members from various AICTE approved Engg. Colleges across India. The resource persons for the STTP are drawn from premier Institutions such as IIT's, NIT's and Industries. The 1st Phase of the STTP was inaugurated by Dr. P. Nagabhushan, Director IIIT Allahabad. The STTP is organized by Department of CSE, Chaired by Dr. Basavaraj G. Katageri, Principal and Coordinated by Dr. V. S. Malemath, Prof. & HOD (CSE) and supported by Faculties of the Dept. of CSE & MCA, DR. M. S. Sheshgiri College of Engineering and Technology, Belagavi.



AICTE sponsored “ATAL” FDP on “Data Science” was conducted online, 1st to 5th Feb 2021. Faculty members of all over india participated in the FDP org. by Dr. S. Kotrappa & Coord by Prof. Kiran Kataraki, Prof. Abhinandan S, Prof. Chandrashekhar K, Prof. Savita Bakare & Prof. Shashidhar H.

STUDENTS ACHIEVEMENTS:



Dheeraj Angadi from 1st yr CSE Dept. has secured 1st place for Hubballi region and 3rd in karnataka state in TCS Tech bytes Quiz Competition during April 2021.



Miss. Sampradha R 2020 passed-out student secured Smt. Swetha R Memorial Gold Medal from VTU under physically challenged female student who secure 1st place in B.E. CSE.



Tushar Kumbar Final Year student Qualified in GATE 2021 examinations.

4 FINAL YEAR PROJECTS SPONSORED BY KSCST.

SR. NO	USN	Name	Guide	Title of the Project
1.	2KL17CS010 2KL17CS038 2KL17CS040 2KL17CS068	Aniket Kumar Kiran Nagendra Suntakar Magdum Pranali Suhass Rutuja Dhavaleshwar	Prof. Shivanand Patil	Data Leak Detection
2.	2KL17CS012 2KL17CS107 2KL17CS115 2KL18CS427	Anjali. Govekar Sneha. Raju. Uppar Saba. Shamsheer Summaiya. Mujawar	Prof. Keerti Naregal	Secured and Categorized Storage
3.	2KL17CS023 2KL17CS077 2KL17CS078 2KL17CS088	Chaitra Ganachari Seema B Hebballi Seema S Gadakari Spoorthi Gadagi	Dr. V. S. Malemath	Machine Learning Approach
4.	2KL17CS027 2KL17CS044 2KL17CS066	Dhanu H. Anurshetru Dattaswaroop Mangaonkar Rohit Rajgoli	Prof. Gambhir Halse	Document Summarization using

STAFF ACADEMIC ACTIVITIES:

1. Dr. S. Kotrappa organized AICTE sponsored “ATAL” FDP on “Data Science” online, 1st-5th Feb 2021. The FDP Coordinated by Prof. Kiran Kataraki, Prof. Abhinandan S, Prof. Chandrashekhar K, Prof. Savita Bakare & Prof. Shashidhar H.

2. Prof. S. R. Nagarmunoli organized a webinar on “Programming the Cloud: Towards Serverless Computing” under CSI on 23rd July 2021. The webinar coordinated by Dr. Manisha Tapale & Prof. Shashidhar H.

PAPER PUBLICATIONS/LIST OF PUBLICATIONS IN NATIONAL /INTERNATIONAL JOURNALS:

1. Dr. V. S. Malemath, Anilkumar Korishetty, “Regressive rate-distortion trade-off with weighted entropy coding for HEVC encoding Journal of Real-Time Image Processing” <https://doi.org/10.1007/s11554-021-01096-w>.

2. Dr. V. S. Malemath, Sufola Das Chagas Silva Araujo and Meenakshi Sundaram Karuppaswamy, “Automated Disease Identification in Chili Leaves Using FCM and PSO Techniques” © Springer Nature Singapore Pte Ltd. 2021. K. C. Santosh and B. Gawali (Eds.): RTIP2R 2020, CCIS 1381, pp. 213–221, 2021.

https://doi.org/10.1007/978-981-16-0493-5_19

3. Dr. V. S. Malemath, Uttam U. Deshpande, Shivanand M. Patil, Sushma V. Chaugule, “Automatic latent fingerprint identification system using scale and rotation invariant minutiae features” Int. j. inf. tecnol. <https://doi.org/10.1007/s41870-020-00508-7>

4. Dr. V.S. Malemath, Shivaprasad More, Udaykumar Naik, Priyatam Kumar, “Efficient multipath driven lossless video transmission for VANETS” 2214-7853/ 2020 Elsevier Ltd. Materials Today: Proceedings, journal homepage: www.elsevier.com/locate/matpr. <https://doi.org/10.1016/j.matpr.2020.09.439>, Elsevier

5. Dr. V. S. Malemath, Uttam U. Deshpande, “MINU-EXTRACTNET: Automatic Latent Fingerprint Feature Extraction System Using Deep Convolutional Neural Network” Springer Nature Singapore Pte Ltd. 2021, K. C. Santosh and B. Gawali (Eds.): RTIP2R 2020, CCIS 1380, pp. 44–56, 2021. https://doi.org/10.1007/978-981-16-0507-9_5

6. Dr. V. S. Malemath, Sufola Das Chagas, Silva K. Meenakshi Sundaram, “Symptom-Based Identification of G-4 Chili Leaf Diseases Based on Q2 Rotation Invariant” April 2021, Volume 8 Article 650134, Frontiers in

7. Dr. V. S. Malemath, Uttam U. Deshpande, Shivanand M. Patil, Sushma V. Chaugule, "Latent Fingerprint Identification System Based on a Local Combination of Minutiae Feature Points" SN Computer Science (2021) 2:206, A Springer Nature Journal, Published online 10 April 2021 <https://doi.org/10.1007/s42979-021-00615-7>, Page 1 – 17

8. Dr. V. S. Malemath, Uttam U. Deshpande, Shivanand M. Patil, Sushma V. Chaugule, "CNNAI: A Convolution Neural Network-Based Latent Fingerprint Matching Using the Combination of Nearest Neighbor Arrangement Indexing" Frontiers in Robotics and AI | www.frontiersin.org, September 2020 | Volume 7 | Article 113, ORIGINAL RESEARCH, published: 17 September 2020, doi: 10.3389/frobt.2020.00113, Page 1 to 12

9. Dr. V. S. Malemath, Uttam U. Deshpande, Shivanand M. Patil, Sushma V. Chaugule, "End-to-End Automated Latent Fingerprint Identification With Improved DCNN-FFT Enhancement" November 2020 Volume 7 | Article 594412, Frontiers in Robotics and AI | www.frontiersin.org, ORIGINAL RESEARCH, published: 30 November 2020, doi: 10.3389/frobt.2020.594412, Page 1 to 18

10. Dr. S. Kotrappa, Balwant Gorad, "Novel Dataset Generation for Indian Brinjal Plant Using Image Data Augmentation" IOP Conf. Series: Materials Science and Engineering 1065 (2021) 012041 IOP Publishing doi:10.1088/1757-899X/1065/1/012041

11. Dr. S.Kotrappa, "A Survey on Deep Learning Approaches For Flower Species Detection " published in IJERCSE journal, Volume 8, Issue 2 Feb 2021, ISSN online 2394-2320

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Webinars:

1. A webinar on 'Energy Management in Educational Institutes' on 11th June 2021 Org. by Dr. MSSCET Belgaum ITS Student Branch Chapter in Association with IEEE Blore Section & IEEE Information Theory Society Blore Chapter. Resource Person: Prof. Mrutunjay S Aspalli PDA College of Engg. Kalburgi, Coord. Prof. Nalini Karchi

2. Webinar On 'Trust Management in Internet of Vehicle' Organised in association with IEEE Blore section and IEEE Information Theory of society Blore Chapter on 11th June 2021 Resource Person Dr. Adnan Mahmood Macquarie University, Sydney.

3. Webinar on 'Career Opportunities in Space Technology and Engineering' 15th June 2021. Resource Person Er. Leena Bhokil –NASA space educator. Coordinated by Prof. Uma Kulkarni

KLE DR. M. S. SHESHGIRI
COLLEGE OF ENGINEERING AND TECHNOLOGY,
UDYAMBAG, BELAGAVI-590008
(Approved by all 12 State Councils, recognized by UGC, affiliated to VTU Belagavi,
Accredited by National Board of Accreditation, New Delhi)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Placements 2020-21 Batch

accenture 21	IBM 2	Capgemini 4
ALLEGION 1	tcs 29	SLK 7
brillio 4	SUBEX 7	PVH 3
BRIDGE21 3	ORIENT 1	wipro 4
Infosys 8	KPIT 1	NTT DATA 11
BrightCHAMPS 1	QUALITEST 5	BYJU'S 1
Spiders 9	SONATA 3	Mindtree 5
EEYAMC 3	Ilark Digital 11	Clarivate 2

HIGHEST PACKAGE 10LPA **OFFERS 146**

Congratulations to all the students!!!!
Management, Principal & Staff

4. Webinar on 'Automotive Electronics' -19th July-2021 Resource Person Venkatesh Mane Coordinated by Prof. Shishir Patil.

KLE DR. M.S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY BELAGAVI-590008
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Webinar On
"Automotive Electronics"

Date: 19-07-21
 Time: 3PM

PLATFORM OF MEETING:
 ZOOM ID: 723 162 4338
 PASSWORD: 424AYM

Speaker: Prof. Venkatesh Mane

Co-ordinator: Prof. Shishir Patil
 HOD: Dr. Sujata Patil
 Principal: Dr. Basavaraj Katageri

College Webinar series 'Impact of Electric Vehicle on smart Grid application' - 27th July 2021 Resource Person: Dr. Suresh Mikkili, NIT Goa, Coordinated by Prof. Smitha Kamble

KLE Society's KLE Dr. M. S. Sheshgiri College of Engineering & Technology
 (Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi & Govt. Of Karnataka)
 Udyambag, Belagavi-590008

Department of Electrical & Electronics Engineering

Webinar on
"Impact of Electric Vehicle on Smart Grid Applications"
 On 27th July 2021 10:00am-11:30 am

Resource person
Dr. Suresh Mikkili
 Dept. of Electrical Engg., NIT Goa.

Dr. Sujata N Patil
 HOD
 KLE Dr. MSSCET, Belagavi

Dr. Basavaraj Katageri
 Principal
 KLE Dr. MSSCET, Belagavi

Registration Link :
<https://forms.gle/E1gJ2T1ZHzZbtP8G7>

Coordinator
 Prof. Smitha S K

Workshops:

Workshop on 'Deep learning with hands-on Kaggle and Tensor flow for electrical circuit applications' in association with IEEE student branch STB 5029 and IEEE CAS Bangalore section chapter from 14th-18th JUNE 2021. Coordinator by Prof. Rakhee Kallimani.

KLE DR. M.S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAVI 590008
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 Website: www.kleset.ac.in

IEEE KLE STUDENT BRANCH (STB5029)
 IN ASSOCIATION WITH KLE CAS AND KLE WIE
 IS CONDUCTING

FIVE DAYS ON-LINE WORKSHOP

DEEP LEARNING AND HANDS-ON KAGGLE AND TENSORFLOW FOR ELECTRICAL CIRCUIT APPLICATIONS

Open to IEEE/ECE/CSE pre-final year students

Mini-Project competition based on the workshop

Prof. Rakhee Kallimani
 Faculty Coordinator

Dr. Devesh Dwevedi
 CHAIR, IEEE-CAS BANGALORE

Dr. Sujata Patil
 IEEE KLE BRANCH COUNSELOR

Dr. Basavaraj Katageri
 PRINCIPAL

14 To 18 2021

The first prize ₹3000
 Two second prizes ₹2000
 Three 3rd prizes ₹1000

Register Here

<https://forms.gle/3m3m3m3m3m3m3m3m>

Mini project competition in association with IEEE KLE students branch, KLE CAS and KLE WIE on 26th July-2021. The jury team were IEEE Senior members from various institutes. Coordinated by Prof. Rakesh Halligudi

KLE Dr. M.S. Sheshgiri College of Engineering and Technology, Belgavi.
 (Approved by AICTE, New Delhi, Affiliated to VTU, Belgavi)
 Website: www.kleset.ac.in

Department of Electrical And Electronics
 IEEE KLE STUDENT BRANCH (STB5029)
 IN ASSOCIATION WITH KLE CAS AND KLE WIE

"MINI PROJECT COMPETITION"

Registration link-<https://forms.gle/pvwxXBDfZykqfc7k8>
 Fees-Rs 200 for each team Payable at
 First prize-Rs 3000
 Second prize-Rs 2000
 Third prize-Rs 1000

account number-8514101009416
 Ifsc code-CNRB0008514

Time-10AM
 Date-26/07/2021

Prof Rakesh B Halligudi
 STAFF COORDINATOR

Dr Sujata N Patil
 IEEE BRANCH COUNSLER

Dr Basavaraj Katageri
 PRINCIPAL

Webinar on "Trust Management in Internet of Vehicles"
 Organized by
KLE Dr. MSSCET Belgaum ITS Student Branch Chapter
 In Association with
IEEE Bangalore Section & IEEE Information Theory Society Bangalore Chapter

Guest of Honor **Speaker** **Moderator**

Dr. Parameshchari B D
 Chair, IEEE ITS Bangalore Chapter
 Prof. & Head, Dept. of TCE
 GSSSIETW, Mysuru

Dr. Adnan Mahmood
 Macquarie University, Sydney

Dr. Basavaraj Katageri
 Principal, KLE Dr. MSSCET, Belgaum

Organizing Committee

Dr. Sujata Patil
 KLE Dr. MSSCET, Belgaum

Dr. Manisha Tapale
 KLE Dr. MSSCET, Belgaum

Prof. Nalini Karchi
 KLE Dr. MSSCET, Belgaum

Prof. Shobha H
 KLE Dr. MSSCET, Belgaum

Coordinators

Prof. Lingaraj Duggan
 KLE Dr. MSSCET, Belgaum

Prof. Sheeta Madhwal
 KLE Dr. MSSCET, Belgaum

Prof. Priya Dagarwadi
 KLE Dr. MSSCET, Belgaum

Prof. Uma Bhusal
 KLE Dr. MSSCET, Belgaum

Prof. Smitha Kamble
 KLE Dr. MSSCET, Belgaum

Registration Link:
<https://bit.ly/3HtLHqe>

11th June 2021 @ 10.30 AM (IST) to 3.00 PM Sydney

STUDENTS ACHIEVEMENTS

Paper titled 'A detailed analysis on carbon negative educational institute for sustainable environment' (Springer nature) published in Innovations in sustainable energy and technology which is a part of Advances in Sustainable Science and Technology book series Authors : Krishna Pai Dr. Tejas Joshi

STAFF ACADEMIC ACTIVITIES:

- Presented a paper 'A case study of energy audit in hospital' in 4th International Conference on Intelligent Sustainable Systems, on feb 26-27-2021 Authors: Abhinay Gupta, Rakhee Kallimani, Krishna Pai and Akshata Kodagi.
- Paper titled 'Simulation and Analysis of Thirteen Level Reduced Switch Multilevel Inverters For High Power Applications' Published in Biotechnology Bioscience Research Communications Web of science Indexed Authors: Rakesh B Halligudi, Uma Kulkarni, Shivanand Killedar
- Performance Analysis of a Dynamically Power Managed and Event-Based Wireless Sensor Node enabled by Queue Discipline, International

Journal of Computer Networks and Applications. Scopus Indexed
 Authors : R. Kallimani, and S. Iyer,

4. Classification and Investigation of Alzheimer Disease Using Machine Learning Algorithms Bioscience Biotechnology Research Communications. Authors : Sujata Patil, Shweta M

5. Machine Learning Applications for Automated Breast Cancer Detection and Analysis Bioscience Biotechnology Research Communications Authors : Sujata Patil, Priya B

6. Gain Scheduling Analysis of Conventional Controller for Output Voltage Control of Distributed Generation Voltage Source Inverter-DGVSI by Different Methods. Authors : NaliniKarchi, Sujata Patil

DEPARTMENT OF CIVIL ENGINEERING

1. Inauguration of CEA and IE(I) Students chapter and Guest Lecture on Career opportunities and Guidance for Civil Engineering Students was held on 15th January 2021. The Chief guest and key note speaker for the session was Dr. Anand M. Hulagabali, Civil Engineering Department, National Institute of Engineering (NIE), Mysuru.

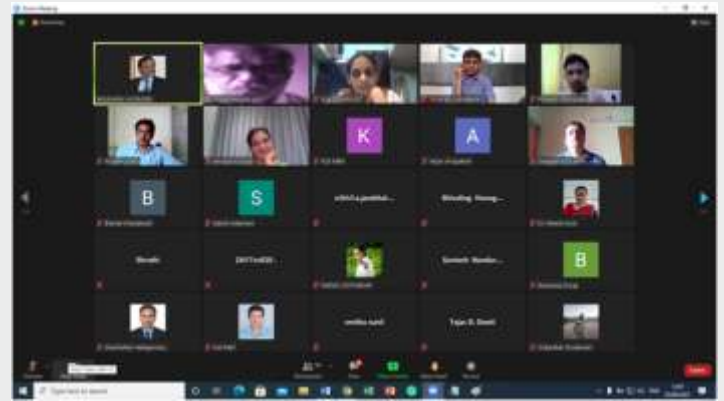
Expert Talk on
Career Opportunities and Guidance for Civil Engineering Students
 at
 KLE Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi

Anand M. Hulagabali, M.Tech, Ph.D., A.M. ASCE, AME, SDGX, MISSISSAUGA, ONTARIO
 Assistant Professor,
 Department of Civil Engineering,
 THE NATIONAL INSTITUTE OF ENGINEERING (NIE)
 Mysuru, Karnataka
 Website: www.anandmhulagabali.com

2. "World Water Day" was celebrated on 22nd March 2021. The theme for 2021 was "Valuing Water". Staff and students of Dr.M. S. Sheshgiri College of Engineering and Technology graced the occasion. Dr. Praveen A. Ghorpade, Dean Academics, Dr. MSSCET delivered talk on "World Water Day- Valuing water".



3. "World Environment Day" was celebrated on 5th June 2021. The theme for the year was "Ecosystem Restoration". Staff and students of Dr. M. S. Sheshgiri College of Engineering and Technology graced the occasion. Dr. Aarti Bhandare, Founder and Director, Amulya Boondh, NGO, Belagavi, Was the guest speaker for the session.



Webinars:

4. A Webinar on "Exposure to GATE and other competitive exams" was organized by the department of Civil Engg., Dr. MSSCET, for the final year students on 18th June 2021. The speaker on the occasion was Mrs Priyanka Kolhar, Director SANPOINT, Belagavi.

SANPOINT
 in association with
KLE DR. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELGAUM, KARNATAKA
Department of Civil Engg
 Exclusively for Final Year Students

Organizing Webinar on
Exposure on GATE/PWD/PGCET Exams for Civil Engg Students

FRIDAY, 18TH JUNE 2021 **SESSION TIME - 11:00 AM**

Resource Person
Mrs. Priyanka Kolhar
 M.Tech NITK Surathkal, Director SANPoint, Belagavi

5. A Webinar on "Opportunities for Civil Engineers in water sector under Jal Jeevan Mission" was held at Dr. MSSCET, Belagavi in Association with Inode software co. SDIS, Pvt. Ltd, Pune on 21st June 2021. The Participants were staff and students from Civil Engg.Dept. of Dr. MSSCET, Belagavi, KLE Technological University, Hubballi and KLE CET, Chikodi. The speakers for the session were Mr. Rohit Arote, Chief Mktg. officer, and Mr. Manoj Baraskar, Chief Exe.officer from Inode software co. SDIS, Pvt. Ltd, Pune.



UNDERSTANDING THE IMMEDIATE NEED

The need for treatment of drinking water is becoming more **important and urgent**, even the developed countries are struggling.

For Two Obvious Reason

- Decreasing availability** of QUALITY DRINKING WATER and
- Rapid POPULATION GROWTH**

THE FIX

We need to build Large Scale Drinking Water Treatment Plants and Supply Schemes

An online talk on “Key for Success” was org. by the Dept. of Civil Engg., Dr. MSSCET, for the final year students on 6th Aug 2021. Speaker: Mr. Abhishek Pathade, Head of Design Dept., Engg. Mgr., Tiger steel engg, Sharjah, UAE.



STUDENTS ACHIEVEMENTS



Namratha K.

1. Ultra Tech India Next Stimulus quiz competition was conducted on 21st Feb 2021. 15 students participated from Dept. of Civil engg. Namratha Kulkarni and Yash lad from 7th semester were selected in the Prelims round out of 50 shortlisted candidates. Namrata Kulkarni, 7th sem is one among 8 qualified from south zone colleges for Pre-final round of quiz held on 26th Feb 2021.

2. Mr. Sanket Atigal from 8th semester is placed in Tata Consultancy Services (TCS) during campus selection held in October 2020.

3. “ADVITIYA-2021”, a two-day National Level Students Technical Fest was held by KLEIT, Hubballi. Mr. Junaid J. Savanur, 8th sem Civil Engg., Dr. MSSCET participated in paper presentation and Technical Quiz and secured 3rd Place in Paper Presentation. Also Mr. Parvez Mulla, Mr. Kotresh Pujar and Mr. Abhishek G. Malji participated in Technical Quiz and Mr. Parvez Mulla secured 2nd Place. Mr. Omkar Sunil Hibare participated in Digital Poster Making and secured 2nd prize.



Mr. Parvez Mulla



Mr. Junaid Savanur

BATCH -2021 CIVIL ENGINEERING STUDENTS PLACED IN AFCONS & AARBEE STRUCTURES PVT.LTD.



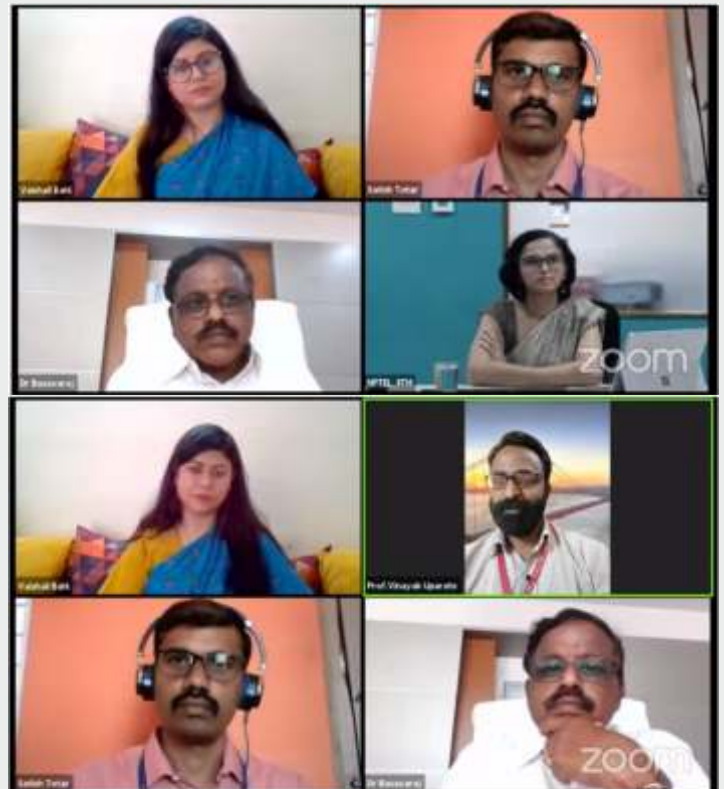
DEPARTMENT OF LIBRARY

Workshop – “NPTEL Awareness Workshop”

Department of Library, organized a workshop on “NPTEL Awareness Workshop for faculty and students.” in association with NPTEL IIT, Chennai, on 21st May 2021.

Dr. Basavaraj Katageri, Principal, highlighted the importance of NPTEL courses in light of the New Education Policy 2020. He said NPTEL provides a platform for students to obtain online education, training from the faculty of premier institutions leading to certification and better employability. He advised the student community to explore new frontiers of interest and nurture self-learning capabilities.

Dr. Bharati Balaji, CO at NPTEL, IIT Madras, and Dr. Vaishali Bahl, Project Engg, IIT, Kanpur, were the resource persons. Dr. Bharati Balaji shared courses offered by NPTEL & its relevance in the current industrial scenario with its advantages & certification from IITs. Dr. Vaishali Bahl stated that the design of the syllabus is in line with the model curriculum suggested by the UGC, AICTE, and based on the syllabi of premier Universities in India. Furthermore, Dr. Bahl enlightened the gathering about motivational schemes extended to deserving students, MOU's and Swayam-NPTEL chapters. 1000+ participants interacted with the speaker. Dr. Praveen Ghorpade, Dean Academic, introduced the key resource person and the necessity of this workshop. Dr. Satish Totar, the chief librarian, highlighted the objectives of the workshop and coordinated the workshop.



LIVE _NPTEL Awareness workshop in association with Institute of Excellence in Mgmt Science, Hubli

Induction Program:

One week student's induction program was conducted for the 42nd Batch of students of Dr. M. S. Sheshgiri college of Engg. & Tech., Belagavi, 10th May to 18th May, 2021.

Webinars:

One day webinar on, "Introduction to Powder X-Ray diffraction and its application in Material Science", was org. on 28th July, 2021. Dr. C. Shivakumar, Principal research scientist, IISc., Blore, were the resource person for the webinar session.

Patents applied

- 1) Enclosed application has been published in the Patent Journal of India No. 25/2021, dated: 18 June, 2021. Application no.: 202141022899. Title of the invention: Process For Synthesizing Y-Doped ZnO Nanoparticles & Fabricating Gas Sensor for Detecting Ammonia.
- 2) Enclosed application has been published in the Patent Journal of India No. 31/2021 dated: 30 July, 2021. Application no.: 202141032766. Title of the invention: A Process for Synthesis Of Chromium Doped Tellurium Dioxide Nanostructures For EgfetPh Sensor Application.

Papers published in National/International Journal

- 1) D. S. Revankar, Priyanka S. Hande and Satish P. Hande, On Atom – Bond Connectivity status Index of Graphs, Advances in Mathematics Scientific Journal, 10 (2021), No. 3, 1197 – 1213, DOI: <https://doi.org/10.37418/amsj.10.3.9>
- 2) K. B. Chavaraddy, P. M. Gouder, M. M. Nandeshwar, Influence of Boundary Roughness On The Saturation of Electrodynamical Rayleigh-Taylor Instability in two Superposed Fluids In The Presence Of Nanostructured Porous Layer, Waves in Random and Complex media, Apr., 2021.
- 3) P. M. Gouder, K. B. Chavaraddy, P. Chandaragi, G. B. Marali, Effect Of Electromagnetic Field On Rayleigh-Taylor Instability In A Power Law Fluid In Presence of Boundary Roughness, IOP Pub , Journal of Phy: Conference series, 1849(2021) 012019, 2021.
- 4) B. S. Durgi, Umesh Poojari, D. S. Revankar, P.R.Hampiholi., Distance Polynomial, Distance Spectra And Distance Energy Of Some Edge Deleted Graphs, International Journal of Mathematics Trends and Technology, Vol 67 Issue 7, 94-103, July, 2021, ISSN: 2231 – 5373
- 5) Vinayak Adimule, Santosh S. Nandi, AdarshaHaramballiJagadeesha Gowda. "A Facile Synthesis of Gadolinium Titanate (GdTiO₃) Nanomaterial and Its Effect in Enhanced Current-Voltage Characteristics of Thin Films", In: Pawar P.M., Balasubramaniam R., Ronge B.P., Salunkhe S.B., Vibhute A.S., Melinamath B. (eds) Techno-Societal, June 2021. Springer, Cham. https://doi.org/10.1007/978-3-030-69925-3_7
- 6) Adimule V., Nandi S.S., Jagadeesha Gowda A.H. (2021) Enhanced Power Conversion Efficiency of the P3BT (Poly-3-Butyl Thiophene) Doped Nanocomposites of Gd-TiO₃ as Working Electrode. In: Pawar P.M., Balasubramaniam R., Ronge B.P., Salunkhe S.B., Vibhute A.S., Melinamath B. (eds) Techno-Societal, June 2021. Springer, Cham. https://doi.org/10.1007/978-3-030-69925-3_6
- 7) Vinayak Adimule, Santosh S. Nandi&Adarsha H.J.A Facile Synthesis of Cr Doped WO₃ Nanostructures, Study of their Current-Voltage, Power Dissipation and Impedance Properties of Thin Films. April 2021. Journal of Nano Research. Vol 67, page No. 33-42. <https://doi.org/10.4028/www.scientific.net/JNanoR.67.33>

Conference Paper presentation

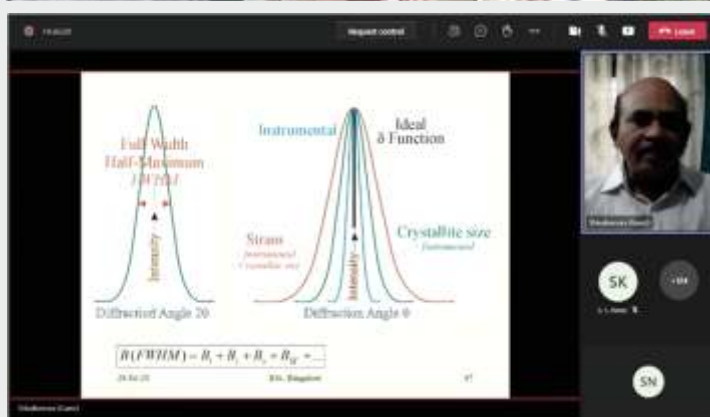
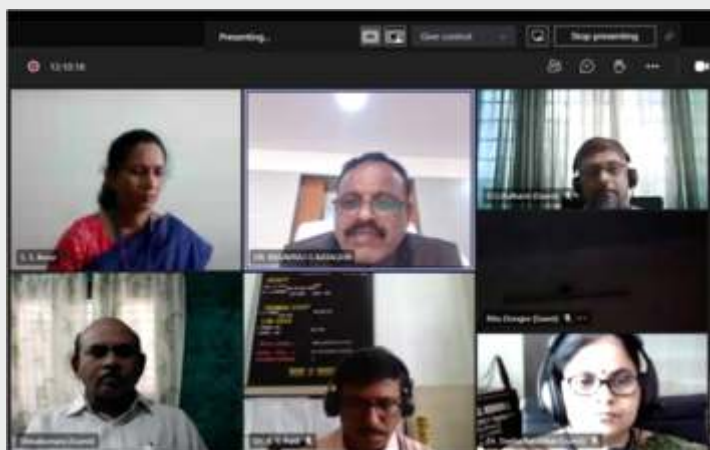
1) Santosh Nandi presented a paper entitled, "Morphology, Fabrication, Co precipitation Method of Synthesis Gd-Sb₂O₄ Nanostructures and their Application in High Performance Energy Storage Devices" in the International Conference on Nanoscience and Nanotechnology (ICONN 2021) org by Dept. of Phy & Nanotechnology, SRM IST, Indiaduring Feb 01 – 03, 2021, in association with Shizuoka University, Japan; National Chiao Tung University, Taiwan; Indian Physics Association (IPA); Material Research Society of India (MRSI), Indian Science Congress Association (ISCA), Dept. of Science & Technology (DST) and Springer Nature.

Lecture delivered as a Resource person:

Dr. A. S. Patil delivered a lecture on, "Nano material and its applications", in a Two Days National Web Series, org. by dept. of Physics and Electronics, Modern education Society's, M. M. Arts and Science College, Sirsi, on 25th June, 2021.

Conferences/Webinars/FDPs attended

- 1) Participated in a one-week FDP on "Materials for Energy and Biomedical Applications" org. by Physics Division, Dept. of Basic Science and Humanities, GMR Institute of Technology, Rajam during 31st May - 04th June, 2021.
- 2) 5 days FDP on "Advanced Materials: Challenges and Opportunities in upcoming years". 17th - 21st May, 2021. Org. by Dept. of physics, BMS Institute of Technology and Management, Bengaluru.



Fresher's Day:

Department of MBA, Dr. MSSCET, organized a fresher's day for the first year MBA students on 17th Feb 2021. Dr. Kamalakar Acherekar, Urologist and Toastmasters International Coordinator was the Chief Guest for the function. Dr. D. G. Kulkarni, HOD, welcomed the freshers and also informed that the Department of MBA has now embarked upon skills development that will be useful in the Organizations.



Experiential learning program

The Department of MBA, Dr. MSSCET, organized an experiential learning program on 20th Feb 2021 at Rajhans gad Fort for the first semester MBA students.



Dr. D. G. Kulkarni, Head KLE MBA, briefed the first semester students regarding the need for holistic development of student community. He said that the Department of MBA has now embarked upon skills development that will be useful in the Organizations. The objective of the outbound study was to instil the UNIVERSAL HUMAN VALUES through activity based learning.

KLE MBA SPORTS



The Department of MBA of Dr. M S Sheshgiri College of Engineering and Technology, organized departmental sports on 27th Feb 2021 for the first MBA semester students

OUTBOUND TRAINING PROGRAM



Department of MBA at DR.MSSCET had organized a two day residential “induction, orientation &outbound training camp” for 1st Sem MBA students at Whistling Woodz resort in Dandeli on 1st and 2nd March 2021. The objectives of the two days outbound training programme were enhancing individual and team performances, improving skill development in areas of teamwork, team bonding, communication, leadership, time management, problem solving, decision making, motivation, change and personal development. The students undertook a hiking activity through jungle trek and adventure sports like trampoline jumping, water rafting and bike trail. Professional trainers conducted – group activities that would enhance the term building exercise through simulated management games. Later a workshop on “Personality Identification” that dealt in ascertaining the Big 5 personality traits by observing a person's behaviour was also carried out.

SEMINAR ON DATA SCIENCE AND PRODUCT MANAGEMENT



The Department of MBA at DR. MSSCET, as a part of the Value addition initiative, had organized a seminar for MBA students in Data Science and Product management on 20/03/2021. Mrs. Amruta Gholba-Management Consultant and alumnus of IIT Madras shared her experiences of working as a management trainee and as an analyst with various multinational companies and how these companies are using data analytics as the most important tool in decision making.

SEMINAR ON RATIO ANALYSIS IN DECISION MAKING



The Department of MBA at DR.MSSCET, as a part of the Value addition initiative, had organized a seminar for MBA students on Importance of Ratio Analysis in Decision Making on 24/03/2021. Mr. B Nitin shared his experiences on analysing financial statement using Ratio Analysis as a tool in decision making.

VTU RANK FOR KLE MBA



Congratulation to Ms. AnanyaNayak, 4th semester student of KLE MBA, DR.MSSCET secured 6th rank to VTU.

Ms. Ananya Nayak

VENUDHWANI STUDY VISIT BY KLE MBA STUDENTS



The Department of MBA at DR.MSSCET, as a part of the Value addition initiative, arranged a studyvisit to Community Radio Station “Venudhwani” on 4/04/2021. Students were explained regarding technical aspects of recoding and transmission.

PLANTATION DRIVE BY KLE MBA



The Department of MBA at DR.MSSCET as a part of the Value addition initiative organized a plantation drive for beautification of MBA Department on 21/04/2021.

WEBINAR ON FINANCIAL AWARENESS



The students of KLE MBA attended a Certificate webinar on financial awareness on 27th April 2021 that was organized by BSE. The students were made aware of the various avenues for Investment and were also educated with the various techniques used for analysing the stocks and Invest prudently

FOR ADMISSIONS CONTACT

Principal @ Belagavi Campus


Ph: 0831-2443881,82,83, 0831-2440322

Web: www.klescet.ac.in

Email: principal@klescet.ac.in

Follow us on - :  <https://www.facebook.com/klescetmedia/>

 [klescet.media](https://www.instagram.com/klescet.media)

 <http://www.linkedin.com/company/kle-dr-m-s-sheshgiri-college-of-engineering-technology1979>