



K.L.E.S.

K. L. E. Society's  
**K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI**  
(AICTE approved, Affiliated to VTU and ISO 9001:2015 Certified)  
**DEPARTMENT OF MECHANICAL ENGINEERING**

(NBA Accredited Program)

Opposite Airport, Gokul, Hubballi-580027

Phone: 0836-2232664, Fax: 0836-2330688, E-mail: [hod\\_mech@kleit.ac.in](mailto:hod_mech@kleit.ac.in), website: [www.kleit.ac.in](http://www.kleit.ac.in)



### Students Achievements: 2020-21

1. Ayman Ali Kusgal, Pranav N, Shashank, Abhishek J has secured runners up place in basket ball men in inter collegiate Belagavi zone tournament held at K.L.S.G.I.T, Belagavi from 09/12/2021-10/12/2021.

### Students' Publications: 2019-20

1. Vivek Shet, Dr. Sikandar D.B. and Dr. Nagaraj P. S., (2020), "*Development of TiO<sub>2</sub> and clay nanoparticle composite electrode for the detection of atorvastatin*" International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
2. Vikram V. Hattiholi and Dr. Nagaraj P. S., (2020), "*Electrochemical detection of mefenamic acid at 10% Mg-Zno modified electrode and its analytical application*", International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
3. Akshay B. M., Davalsab I. and Dr. Nagaraj P. S., (2020), "*Development of HfWO<sub>3</sub> modified sensor for the determination of ambroxol and its analytical application*", International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
4. Dhanush, Davalsab I. and Dr. Nagaraj P. S., (2020), "*A novel electrochemical sensor based on the Fe<sub>2</sub>WO<sub>3</sub> and cationic surfactant for the detection and degradation of amitrole*", International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
5. Sujay G. Kulkarni, Davalsab I. and Dr. Nagaraj P. S., (2020), "*Development of g-C<sub>3</sub>N<sub>4</sub> modified electrode for the determination of aconifen and its environmental application*", International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
6. Sure Sai Pavankumar, Davalsab I. and Dr. Nagaraj P. S., (2020), "*Electro oxidation of nimesulide at grapheme oxide and reduced grapheme oxide modified carbon paste electrode*", International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India, 21-25 Jan. 2020.
7. Harsha U. Arkasali, Davalsab I. and Dr. Nagaraj P. S., (2020), "*Voltammetric behavior of carbendazim at WO<sub>3</sub>.033H<sub>2</sub>O modified carbon paste electrode an environmental application*", International Conference on electrochemistry in industry, health and



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environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.

8. Sushanth S. Naik, Davalsab I. and Dr. Nagaraj P. S., (2020), “*Development of g-C<sub>3</sub>N<sub>4</sub> and cationic surfactant modified sensor for the detection of herbicide, amitrole an environmental application*”, International Conference on electrochemistry in industry, health and environment (EIHE 2020), Bhabha Atomic Research Centre, Mumbai, India.
9. Sirmas, “*Laser Technology and Applications*”, *International Conference on Advances in materials, Ceramics & Engineering Sciences-2020*, Dayananda Sagar College of Engineering, Bengaluru.
10. Asif Mokashi, Karthik C. Solodagi and Hanumaesh P. (2020), “*Design and fabrication of injection molding machine for recycling of IDPE and HDPE plastic waste*”, International Conference on Advances in materials, Ceramics & Engineering Sciences, Dayananda Sagar college of Engineering, Bengaluru.
11. Suhas Despande (2019), “*System of transform sound energy into electricity*”, International conference on Nanotechnology & Nanomaterials for Energy and Environment (ICNNEE2019), JIS college of Engineering, Kalyani, West Bengal.
12. Suhas Despande and Dr. S. C. Sajjan (2019), “*Zero defect zero effect, Best Practices and Applications of TQM in Industry and Academia*”, S. G. Balekundri Institute of Technology, Belagavi.

## Students' Achievements: 2019-20

1. Kathik V. R., Abilash G., Vinayak, Pranav and Abhilash Sindagi, developed and presented “Automated Guided Vehicle for food and medicine supply”, at COVID-19 wards for Karnataka Institute of Medical Science, Hubballi, during August 2020.



2. Kathik V. R., Abilash G., Vinayak and Praveen, developed and presented “Automatic hand sanitizer”, to KIMS Hubli, during July 2020.



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- Akshay Chougale, Keshav Adya, Akash Itagi and Amith Kumar Nadugeri, developed and presented “Automatic hand sanitizers”, to K. L. E. Head Office Belagavi and Indian Railway Station Hubballi, during June 2020.



- Ananth Chaitanya, Akshay B. M., Prashant Gouda Patil, Madhavi W., of 6<sup>th</sup> semester, received funding of Rs 60,000/- for project “Extraction of Fuel and Generation of Electricity use Plastic Waste”, from Tata Technologies Ltd., under the scheme **Prayatna**, during Dec. 2019.

K. L. E. SOCIETY'S  
**K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI-30.**  
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Anantachaitanya G. Akshay B.M. Prashantgouda Patil Madhavi.W

Guided by : **Mr. Vinay V.N. & Mr. Prashant D. Banakar**

Best wishes from :  
**Management, Principal & Staff**

**PRAYATNA**  
 driving force for innovation...

- Energy Storing Body Panels for Electric Vehicles- D.K.T.E's Textile and Eng., Institute, Kolhapur
- Two Seater Passenger Solar Car- NKCOET, Solapur
- Smart Hydroponic Farming Based on Embedded System- P.E.S College of Eng., Aurangabad
- Wireless Robot for Weed Extraction- CSMS.S. Chh Shahu College of Eng., Aurangabad
- Development of Ceramic Micro Thruster- K.L.E. Dr. M.S. Sheshgiri College of E&T, Belagavi
- Implementation of Force Multiplication Aided Centrifugal Mechanism in Primary Clutch and Double Helix Ramp in Secondary Clutch of a CVT- RV College of Eng., Bangalore
- Extraction of Fuel and Generation of Electricity using Plastic Waste- K.L.E. Institute of Technology, Hubballi

THANK YOU FOR YOUR OVERWHELMING RESPONSE FOR NOMINATING YOUR PROJECTS UNDER 'PRAYATNA'. TATA TECHNOLOGIES IS GLAD TO ANNOUNCE THE PROJECTS THAT HAVE WON THE CORPORATE SPONSORSHIP FOR FY- 2019-20.





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5. Akshay Chougale of 7<sup>th</sup> semester, awarded with “**Student of the year**”, by MHRD for 2018-19.
6. Akshay Chougale, awarded with “**Best Digital Project Award**”, by MHRD Government of India for his project.
7. Apporva of 7<sup>th</sup> semester, awarded with “**VTU Blue**”, **for the fourth time** in University Table Tennis (Women). Trails were held at BMS College of Engineering, Bengaluru.



### Students' Achievements 2019-20 Contd...

Sl. No.	Students Name	Sem	Event	Place and Date	Prize won
1	Sure Sai Pavankumar, Prasanna S. K., Shubham Kolkar, Suraj P. and Shashidhar J.	VIII	Indian Machine Tool Exhibition	IMTEX 2020, Bengaluru, Jan. 2020	Third
2	Sushanth Naik and Sure Sai Pavankumar	V and VII	20 <sup>th</sup> VTU Youth Festival “INSIGNIA”	SDMCET, Dharwad, 06-07 Nov. 2019	Second
3	Vikram Hattiholi	III	RTBEB-2019	KLE Tech. Uni., Hubballi, 19-21 Sept. 2019	Second



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Sl. No.	Students Name	Sem	Event	Place and Date	Prize won
<b>Publications</b>					
1	Ganraj M Bhardwaj & Anoop B. Sannuli	VIII	Technical Paper Presentation	PRAXIS, KLECET, Chikodi , April 2019	First
2	Trupti Shenoy	VI	Technical Paper Presentation	REC Utsav, Hulakoti, May 2019	First
3	Darshan Dodamani	V	Technical Paper Presentation	MECH-I-PRIX, BIET, Davangere, 2018	First
4	Sudarshan Shetty and Ganraj M. Bhardwaj	VIII	Mech Star event	PRAXIS 2K19 KLECET, Chikodi, April 2019	Third
5	Akshay Chougale	IV	Robotic competition	IIT Mumbai, Nov. 2018.	First
6	Darshan Dodamani	V	INSIGNIA 18 Paper Presentation	SDMCET, Dharwad, 2018	First
7	Darshan Dodamani	V	Prototype Modelling	State Level Tech. Fest TECHNIE, Jain CET, Davangere, 2018	First
8	Sagar Kanekel	V	MECH-I-PRIX 2018 "in Prix Quiz"	BIET, Davangere, 2018	Second
9	Ganaraj M. Bhardwaj	V	INSIGNIA 18	SDMCET, Dharwad, 2018	First
10	Sonu Rajpurohit				
11	SureSai Pavankumar	III	Janani 2018, 19th VTU Youth Fest Installation Event	BKIT, Bhalki, 2018	Second
12	Sushant				