



**DEPARTMENT OF MECHANICAL ENGINEERING**

**SECAB INSTITUTE OF ENGINEERING & TECHNOLOGY,  
VIJAYAPUR-586109. KARNATAKA. INDIA.**

## **Congratulations**

SECAB Institute of Engineering & Technology (SIET), Vijaypur, has taken an initiative to work on innovative projects for societal applications. The Karnataka State Council for Science & Technology (KSCST), Bengaluru, Government of Karnataka, is encouraging all the institutions of Karnataka to take up such projects. It is a proud moment to mention that sixteen (16) projects of SIET have been recognized by KSCST with financial support for the academic year 2018-19.

One of the projects like: “Estimation of exhaust emission parameters of 4 stroke diesel engine using waste cooking oil dispersed with nanomaterial as a fuel” of the Mechanical Department was selected for the “BEST PROJECT OF THE YEAR” award, in KSCST 42<sup>nd</sup> series state level Seminar/Exhibition held at KLE Society’s Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi on 26<sup>th</sup> and 27<sup>th</sup> July 2019.

The project is carried out by Mr. Tauseef Sattirkar, Mr. Md. Haneef Endigeri, Mr. Md. Shoaib, Mr. Umarparook Bagwan under the guidance of Dr. Syed Abbas Ali & Mr. Asif Iqbal Doddamani.



## Karnataka State Council for Science and Technology

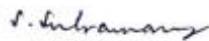
Indian Institute of Science Campus, Bengaluru - 560 012

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### Certificate

This is to certify that **Mr. TOUSHIP SATAREKAR, Mr. MOHAMMED SHOIAB KAMANGHAR, Mr. UMARFAROOK BAGAVAN**  
and **Mr. MAHAMMEDHANIF YENDIGERI** students of **SECAB INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, VIJAYAPURA** participated in the Student Project  
Programme (SPP) during the year 2018 - 2019 (42<sup>nd</sup> Series) and completed the project entitled  
**ESTIMATION OF EXHAUST EMISSION PARAMETERS OF 4 STROKE DIESEL ENGINE USING WASTE  
COOKING OIL DISPERSED WITH NANOMATERIAL AS A FUEL**

under the guidance of **Dr. SYED ABBAS ALI and Mr. ASIF IQBAL DODDAMNI**. This  
project was adjudged as "Best Project of the Year" during the Seminar and Exhibition held at  
**KLE Society's Dr. M. S. Sheshgiri College of Engineering and Technology, Belagavi** on 26<sup>th</sup> and 27<sup>th</sup> July  
2019. This project was supported by Department of Science and Technology, Government of Karnataka  
and Department of Science and Technology, Government of India.

  
Prof. S. Subramanian  
Secretary, KSCST

  
Prof. Anurag Kumar  
Director, Indian Institute of Science and  
Vice-President, KSCST





**SECAB INSTITUTE OF ENGINEERING & TECHNOLOGY, VIJAYPUR**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**“BEST PROJECT OF THE YEAR 2018-19”**

**Karnataka State Council for Science & Technology (KSCST)**

**Govt. of Karnataka**

**42<sup>nd</sup> Series Seminar/Project Exhibition**

**Title of the Project**

**ESTIMATION OF EXHAUST EMISSION PARAMETERS OF 4 STROKE DIESEL ENGINE  
USING WASTE COOKING OIL DISPERSED WITH NANOMATERIAL AS A FUEL**



**Mr. TOUSIF**



**Mr. MD. HANIF**



**Mr. MD SHOIB**



**Mr. UMAR FAROOQ**

**H O D**

**PRINCIPAL**

**PRESIDENT**

(Dr. Syed Abbas Ali)  
Head,  
Department of Mechanical Engineering