

## NEWSLETTER



**Coming together is a beginning; keeping together is progress; working together is success.**  
– Henry Ford

### FROM HOD's DESK

*Welcome and great wishes to everyone who receives this Newsletter. This Newsletter is an attempt to highlight the achievements of the department, in spite of the space constrain we have showcased the best. It gives me a wonderful opportunity to present the Vol.9 (May 2019 – September 2019) of 'Automobile Newsletter'. The students and faculties of department are always proactive in taking initiatives in technical, cultural and social events. I hope that this Newsletter will serve the purpose of reflecting all activities of department and it will inspire others to do their best.*

*Prof. T.Z.Quazi*

### **Vision of College**

To Become Centre of Excellence in  
Engineering Education & Research.

### **Mission of College**

To Educate Students to Become Quality  
Technocrats for taking up Challenges in all  
Facets of life.

### **Vision of Department**

To foster research based technical skills to  
satisfy the needs of society.

### **Mission of Department**

To develop highly competent technical  
manpower.

### **Programme Educational Objectives (PEO):**

- To create excellent Automobile Engineers with core competency in mathematics, science and engineering enabling development of problem solving skills.
- To strengthen themselves professionally and personally to accept responsibilities and pursue higher education in engineering and other professional fields.
- To use modern tools and techniques necessary for mechanical engineering and allied disciplines leading to research and development.
- To inculcate the students to work effectively in cross-functional teams and cultivate the principles of professional ethics and social responsibilities.
- To develop the students adaptable to change in environment and application of appropriate methodology for value addition to support economic growth.

### **Programme Outcome (PO):**

At the end of the program, students will be able to....

- Apply knowledge of Mathematics, Science and fundamental of Automobile Engineering.

- Design and conduct experiments, as well as to analyze and interpret the data.
- Use of techniques, skills and modern engineering tools necessary for engineering practice.
- Identify, formulate and solve engineering problems
- Commitment to professional, social and ethical responsibility to function effectively as a team leader in engineering practices.
- Inculcate self-discipline, self confidence and to make the students internally driven to set personal goals.
- Engage in life –long learning in order to maintain sustainable development even during the crisis.
- Solve the contemporary issues with broad understanding of the impact of engineering and technology on society
- Understand environmental and contemporary issues.
- Possess the skills to communicate effectively with a wide range of both engineering and non-engineering community.
- Apply knowledge of management principles to handle projects in multidisciplinary environment and work as a team and as an individual effectively.

### **Programme (PSO)**

- Identify, Understand, Formulate, and analyze complex engineering problems in Automobile, design, thermal and manufacturing.
- Plan and execute efficient, sustainable, safe and cost-effective manufacturing of automobile components in ICE, AS, CBE through CAD/CAM/CAE tools ethically.

## STUDENTS ACHIEVEMENTS

### 1. Avg. CGPI of Toppers for Academic Year 2018-19

Sr.No	Name	Avg. CGPI
1	B.E	9.74
2	T.E	8.88
3	S.E	8.00

2. Siddhesh Adavade, Ajay Sharma and Jaydeep Kumar Mandal, Prathamesh Yedre, Abhijeet Salunkhe & Chinmay Suryawanshi from TE attended the Internship Programme for 15 days from 15 June to 30 June 2019 delegated by Siemens Centre of Excellence, CMES.

### 3. Elite Techno Group Winner 2019

Third Year (TE) students won Elite Techno group event 2019, under guidance of Prof. T.Z. Quazi & Prof. Vishnudas Chodankar on 24 August 2019,




### 4. Higher Studies

Aniket Chandrashekhar Lolam took admission in Arizona State University Tempe in Mechanical Engineering (MS) Program.

## FACULTY ACHIEVEMENTS

1. Prof. Siddhesh Lad has published a paper on “Knowledge Management - A Review” in IJSR, vol 10, issue 5, in May 2019.

2. The “Patent” on “ROBOT” has registered on the name of Prof. Siddhesh Lad in May 2019.

DESIGN NUMBER	292542	
CLASS	15-99	
PROF. SHIVAGOND NAGAPPA TELI WITH CO-APPLICANTS PROF. MADAN MOHANRAO JAGTAP, PROF. SIDDHESH NANDAKUMAR LAB, MR. MAYUR WAMAN RATHOD, MR. PRATHMESH PRADEEP PARAB, MR. KUNAL SATYAVAN SAWANT & MR. GAJANAN BHAKAAR PATIL ALL ARE ADULTS, HAVING ITS PRINCIPAL PLACE OF BUSINESS SARASWATI COLLEGE OF ENGINEERING, PLOT NO. 46, SECTOR 5, NEAR MSEB SUB STATION, KHARGHAR, NAVI MUMBAI-410210		
DATE OF REGISTRATION	06/04/2017	
TITLE	ROBOT	
PRIORITY NA		

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3. Prof. T. Z. Quazi attended a programme on Draft Education National Policy 2019 on 25th June 2019 with Dr. M.K. Sridhar member of Drafting Committee for NEP 2019, organized by IQAC University of Mumbai and Vidyapeeth Vikas Manch.



4. Prof. T.Z.Quazi and Prof. Sagar Khataavkar held meeting with Mustafa Patanwala Director of Auto Institute (Automotive Skill & Talent Development Institute, A Unit of PMY AUTOINSTITUTE LLP) on dated 20th August 2019.





## DEPARTMENT EVENTS

**1. Expert Lecture on "Dynamic change & Scope of Automotive Sector" by Mayank Arora, Elite Techno Groups for Mechanical & Automobile Students on 22<sup>nd</sup> July 2019.**

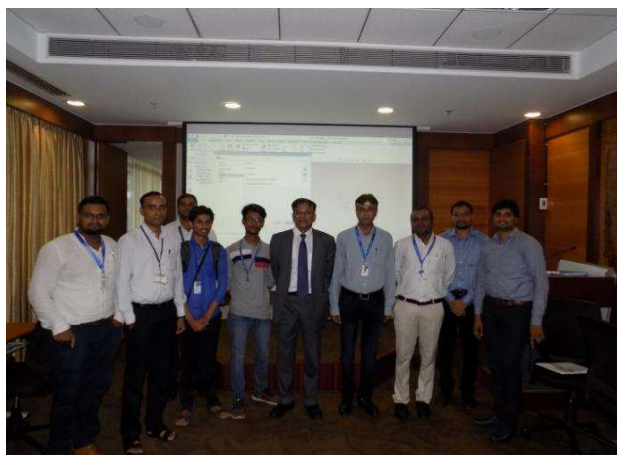


**2. "Block Chain Technology"** A full day workshop on Block chain Technology on 2<sup>nd</sup> August 2019, delegated by Eraswap Wallets Technologies on the application of block chain in automobile.

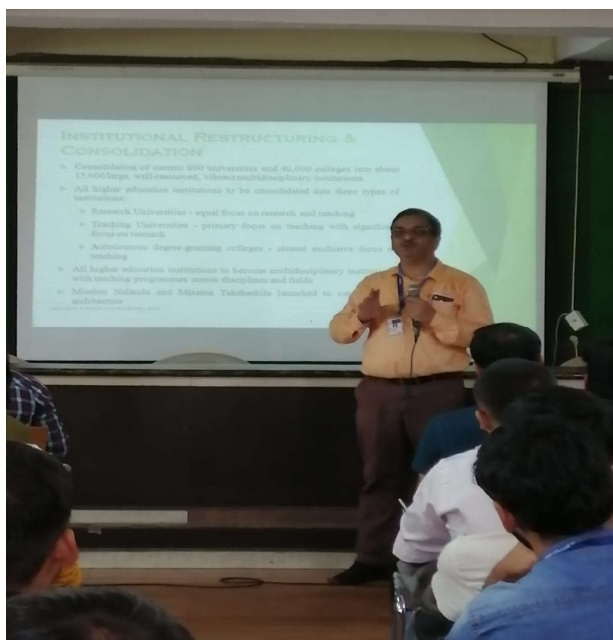
**3. Internship Program by Elite Techno Group:** 8 days internship program on Electric and Gasoline (ATV/ Formula student race car Design & Development) from 17<sup>th</sup> August to 24<sup>th</sup> August 2019.



**4. Expert session:** Knowledge sharing session "Industry 4.0" by Admiral Shekhar Mittal MD & CEO of Centre of Excellence in Maritime & Shipbuilding for Automobile & Mechanical Engineering students on 29<sup>th</sup> August 2019.



**5. One day Seminar on “NEP 19”** organized by **Zenith Group** on **18<sup>th</sup> July 2019** and presented by Prof. P D Ingle and Prof. T.Z.Quazi.



## 6. MOU Signed:

1. MoU signed with **Elite Techno Groups, Jaipur** for Hosting National Level 08 Day Summer Internship Program on ‘Automotive Dynamic, Designing & Fabrication.’ on 24<sup>th</sup> April 2019.

2. MoU signed on 22 May 2019 with **CEMS, Mumbai**.

3. MoU signed with **Tata Power Skill Development Institute (TPSDI)** on 21 June 2019 in which college has requested TPSDI to offer course of training at TPSDI for bringing about Power Plant Familiarization for students undergoing their curriculum and/or desirous of taking the industry Certification Courses/facilities offered by TPSDI.

## 6. Co-Curricular Activities:

**Teacher day program:** Organized by students on 30 Aug. 2019

