



- **June 2021**
- **Private Circulation Only**
- **[www.builderscollege.edu.in](http://www.builderscollege.edu.in)**

**June 2021  
News letter**

# BUILDERS ENGINEERING COLLEGE

**A Newsletter of DEPARTMENT OF MECHANICAL ENGINEERING**



## **COLLEGE VISION&MISSION**

### **Vision:**

To be the most preferred knowledge provider.

### **Mission:**

Builders Engineering College endeavors to prepare rural students for successful career through academic and applied research.

### **Department - Vision & Mission**

#### **Vision**

To be a leading light in, and renowned for Mechanical Engineering and Research

#### **Mission**

To maintain state of the art research facilities to provide collaborative environment that stimulates students and faculty members with opportunities to create, analyze, apply and disseminate knowledge

### **Program Educational Objectives (PEOs)**

PEO1: Successful Professional careers in Mechanical Engineering and related fields are awaiting

PEO2: Graduates who pursue further education will participate in technological advancements

PEO3: Graduate will work in their fields with respectable leadership abilities and moral principles

### **Program Specific Objectives (PSOs)**

PSO1: Apply the knowledge gained in Mechanical Engineering for design and development and manufacture of multi-disciplinary engineering systems and projects.

PSO 2: Use the knowledge acquired to investigate research problems in mechanical engineering with due consideration for environmental and social impacts.

## **CONTENT**

- EVENT ORGANIZED
- FACULTY PARTICIPATION
- STUDENTS PARTICIPATION
- MEMORANDUM OF UNDERSTANDING WITH INDUSTRY

## **EDITORIAL BOARD**

### **Faculty In-Charge**

Mr.S.Ravi, HoD / MECH

Mr. A. Thirumalaikumaran, AP / Mech

### **Student Members**

S. Nihill Aravind, IV/Mech

E. Baskar, III/Mech

E. Srithar, II/MECH

Feedback and suggestions may be sent to  
[mech@builderscollege.edu.in](mailto:mech@builderscollege.edu.in)

## PRINCIPAL'S *Message*



"Builders Engineering College fosters excellence through innovative education, industry partnerships, holistic student support, community engagement, and a commitment to shaping the future of engineering."

**Dr. S. Gopalakrishnan**  
Principal

## HOD'S *Message*



The Department of Mechanical Engineering was started in the year 2009 with an intake of 60 students in the UG programme. The department aims to develop mechanical engineers who are innovative, entrepreneurial and equipped to become global leaders in research and technology. In the objective of the department is to graduate individual who can design system, components or processes to meet desire needs within the realistic constrains such as economics, environmental, social, health, safety and manufacturability.

**Mr. S. Ravi**  
HoD/Mech



## Events *Organized*



### **Mechanical Behavior of Materials**

**March 13, 2021**

Guest Lecture on “Mechanical Behavior of Materials”  
13.03.2021 & Dr. V. Anandakrishnan, Associate  
Professor, Department of Production Engineering,  
National Institute of Technology, Tiruchirappalli

Workshop on Intellectual Property Rights conducted on  
23.03.2021 & Dr. P. Ponmurugan, Associate Professor/EEE &  
Head R&D Sengunthar Engineering College, Tiruchengode.



### **Six Sigma- building a culture of performance**

**April 10, 2021**

Guest Lecture on “Six Sigma- building a culture of  
performance” on 10.04.2021 by Mr. C. PRADEEP,  
Deputy General Manager, Mahindra & Mahindra  
Chennai

### **Challenges for R & D Engineers**

**April 24, 2021**

Guest Lecture on "Challenges for R & D Engineers" on 24.04.2021 by Dr. G. BALAKRISHNAN, M.E., Ph.D. Manager- Engineering, Caterpillar India Private Limited Chennai – 600 113



### **Project Skill Development**

**May 05, 2021**

Guest Lecture on "Project Skill Development" on 05.05.2021 & by JC. S. Karhikeyan, JCI Erode Cauvery

## **Industrial Visit**

On March 10, 2021, officials from our institution, including Dr. M.S. SENTHIL KUMAR, M. SURESH, M. MOHANRAJU, and S. RAVI, embarked on an industrial visit to SPAC Starch Products (India) Private Limited in Poonachi. This visit aimed to enhance our understanding of industrial processes and technologies. Through firsthand observations and interactions, we gained insights into the operations and innovations driving the starch production industry.



## Faculty *Participation*

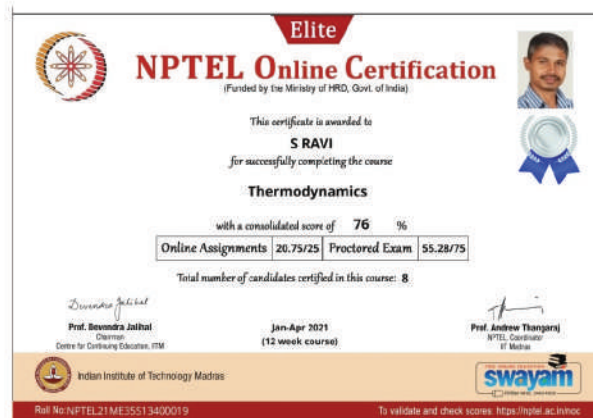
- Mr. S. RAVI had completed the FDP of Thermodynamics on 18.01.2021 to 30.04.2021 at Indian Institute of Technology, Madras.
- Mr. M. Suresh had completed the FDP of Sheet Metal Design using Solid works on 25.01.2021 to 30.01.2021 organised by ICT ACADEMY FDP of Reforms In Technical Education: Perspective of National Education Policy on 04.03.2021 to 06.03.2021 organised by Sardar Patel College of Engineering, Mumbai.
- Mr. M. Mohanraju FDP of Fundamentals of Welding Science and Technology – NPTEL on Jan 2021 to Mar 2021, Indian Institute of Technology, Guwahati.
- Mr. A. Thirumalaikumaran had done on FDP of Sheet Metal Design using Solid works (online Live FDP) on 25.01.2021 to 30.01.2021 by ICT ACADEMY, and also done FDP of Surface Engineering of Nanomaterials Jan 2021 to Mar 2021, Indian Institute of Technology, Roorke.

## Students *Achivements*

- M.Dineshkumar ,MEH Mohamed Syed Arafath has attended the Webinar on“Formability of Steels” at Arasu Engineering College on 04-01-2021.  
M.Bhuvaneswaran and T. Jayakumar , has attended the Webinar on “Importance of Machine learning and artificial” at Arasu Engineering College on 13-05-2021.

- M.Sivasankaran , E.Meiyarasu and E.Baskarhas attended the Webinar on "Polymer Composites and Its Applications" at Arasu Engineering College on 28-05-2021
  - V.Madhumitha and S.Amrish has attended the Webinar on "Unlocking Industrial Potential of Digital Twin" at Bundelkhand Institute of engineering And Technology Jhansi In Association With SPIU UP, SAE INDIA Western Section IETE bhopal And IEEE MP Sub Section on 20-05-2021
- On 30.05.2021, Karthik M has participated in online national level quiz on mechanical engineering ,Holy mary institute of technology and science

## NPTEL Achievements



## Placement Details



AKASH G  
L.G.Balakrishnan &  
Bros limited,Coimbatore



ELAMPARUTHI N  
P&C Projects ,P&C Towers,Erode



ARUN K  
East India Technology,Bangalore



GOKUL M  
NMVST Alloy Cast, Coimbatore



ARUNKUMAR R  
NMVST Alloy Cast, Coimbatore



GOKUL P  
Ramalingam construction  
company (P) LTD. Bengaluru



BALAKUMAR V  
Ramalingam construction  
company (P) LTD. Bengaluru



GOKUL S  
NMVST Alloy Cast, Coimbatore



BARATHKUMAR S  
L.G.Balakrishnan & Bros  
limited,Coimbatore



GOKULNATH M  
Ramalingam construction  
company (P) LTD. Bengaluru



DEEPAK C  
NMVST Alloy Cast, Coimbatore



KABILESH S  
Ramalingam construction  
company (P) LTD. Bengaluru



DEEPANRAJ S  
Ramalingam construction  
company (P) LTD. Bengaluru



KANNAN K  
NMVST Alloy Cast, Coimbatore