



MECH. CONNECT



News Letter of Mechanical Engineering Department | Issue 02 | Nov.2025



Release of News Letter "Mech-Connect"

The Department of Mechanical Engineering organized the official release of its newsletter "Mech. Connect" on 7 November 2025. The newsletter was formally unveiled by Dr. R. N. Herkal, DTE, BVVS Bagalkot; Dr. B. R. Hiremath, Principal, BEC; Mr. Narayan Bangalore & Dean R&D Dr. Mahabalesh S K.

Date:7/11/2025

Time:4.30PM

Place: Seminar Hall

All the faculty members, staff, and students of the department were present and witnessed the event. The dignitaries appreciated the efforts of the editorial team and highlighted the importance of such publications in showcasing departmental activities, achievements, and innovations.

The event concluded with a vote of thanks, acknowledging everyone who contributed to the successful release of "Mech-Connect."

Forthcoming Events

- Project Exhibition
- Paper Presentation by Final year Students



"Sustainable Supply Chain Issues and Challenges for the 21st Century"



Date: 31/10/2025

Place: Seminar Hall

The Departments of Mechanical Engineering Sciences – comprising Mechanical, Industrial & Production, and Automobile Engineering – organized a one-day expert seminar on “Sustainable Supply Chain Issues and Challenges for the 21st Century” under the Student Development Program (SDP). The seminar aimed to educate students on emerging sustainability challenges in modern supply chains while exploring technological and strategic solutions for achieving long-term resilience and responsibility in industrial operations.

The primary objectives of the program were to help participants understand key sustainability challenges in supply chains and explore innovative, data-driven, and technology-enabled practices for sustainable supply chain management. It also sought to develop participants’ abilities to design and implement sustainable supply chain initiatives, raise awareness about regulatory and global sustainability standards.

Dr. R. S. Kadadevaramath, who holds a Ph.D. from Anna University, Chennai, is currently serving as a Professor in the Department of Mechanical Engineering at the Amrita Institute of Engineering and Management Sciences, Bengaluru. He is the former Professor and Head of the Department of Industrial Engineering and Management at the Siddaganga Institute of Technology (SIT), Tumkur, Karnataka.

Speaker



SDP Objectives

- Introduction to Supply Chain
- Sustainable Supply Chain Issues and Challenges
- Environmental sustainability and Circular Economy



STUDENT DEVELOPMENT PROGRAM

"New Energy Vehicles"

Date:14/11/2025

Place: Seminar Hall



The department of Automobile Engineering in association with the departments of Mechanical and Industrial & Production Engineering organized a student development program (SDP) on "New Energy Vehicles" for the students of Mechanical Engineering Sciences on 14th November 2025.

The SDP focused on current developments in the domain of electric vehicles (EVss), Hybrid Electric Vehicles (HEVs), Fuel Cell (Hydrogen) and alternate fuels. A total of 85 students actively participated in program.

The first session started with an introduction to 'New Energy Vehicles' (NEV) in which the need of NEVs was discussed by the resource person, Dr. Niranjana Hiremath, HoD, Mechatronics Dept, Reva University, Bengaluru. Basic concepts and classifications, global & national trend were deliberated at length.

This was later followed by a detailed technical session on EV technology by Dr Nikhil Rangaswamy, Reva University, Bengaluru in which intricacies of Battery Management System, charging methods, power electronics in EVs, regenerative braking and motors- types were discussed.



Electric Vehicles Quiz was conducted at the end of the session and The winners were rewarded to motivate the students.



5 Days SDP on **"SAP for Mechanical Engineering. Part-1: Finance Management."**

The program, "SAP for Mechanical Engineering - Part 1: Finance Management", aims to familiarize students with SAP's financial tools for cost control, budgeting, and project tracking. It helps them understand how engineering activities influence financial performance.

Program Objectives

- 01 To introduce students to the fundamentals of SAP and its application in industrial finance management.
- 02 To develop understanding of cost accounting, budgeting, and financial reporting within engineering projects.
- 03 To enable students to analyze and manage financial data related to production and maintenance activities.
- 04 To bridge the gap between technical knowledge and business management in mechanical engineering.
- 05 To enhance students' employability by providing practical exposure to SAP tools used in industries.



The Indian Institute of Foundrymen BEC Student Chapter



Speaking on the occasion, former senior ISRO scientist Dr. C. A. Prabhakar said that foundry technology has played a crucial role in the evolution of human civilization — from the early wandering stages in search of food, to survival during conflicts, and later in the development of weaponry. Eventually, it became a foundation for the advancement of Mechanical Engineering.

He inaugurated The Indian Institute of Foundrymen – BEC student Chapter at the Department of Mechanical Engineering, Basaveshwar Engineering College on the 23/11/25 and addressed the gathering.

Head of the Department, Dr. Vinay Kuppast welcomed the gathering.

Program Coordinator Prof. Sanjay S. J. delivered the introductory remarks about the newly formed BEC Chapter and proposed the vote of thanks

Director of BVVS Technical Education Dr. R. N. Herkal, and Principal Dr. B. R. Hiremath graced the occasion.



MEA Sports Week



The Mechanical Engineering Association (MEA) of the Department of Mechanical Engineering successfully organized an Intra-Departmental Sports Week from 3rd to 5th Nov 2025.



REUNION OF THE GOLDEN GREATS 1975/76-25/26

50 Golden Years
Reconnecting with the Past

Multimedia Hall
MBA building BEC Bagalkote



VISION

“To be an institution of excellence in education, research and innovation for sustainable future.”

MISSION

- **Develop globally competent professionals to meet future talent demands.**
- **Nurture a culture of research, innovation and entrepreneurship.**
- **Promote collaborations, outreach and extension programs to address industrial and societal needs**
- **Imbibe moral and ethical values among students.**
- **Foster ecological and environmental consciousness.**

Editorial Board

Dr. Vinay V. Kuppast Chief Editor

Prof. S. C. Yali Editor

Sri. Jagadish Honnihal Member

Mr. Viabhav Student Member

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