



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF MECHANICAL ENGINEERING

SAE INDIA COLLEGIATE CLUB

About SAE India Collegiate Club:

SAE India Student Club having a minimum of 50 student members, a senior faculty Advisor and additional Faculty Adviser, elected student club officers constitute the SAE INDIA collegiate club. A collegiate club is necessary for knowledge enrichment & networking with industry professionals. It provides continuity to engineering education and provides exposure to industrial operating environment and working conditions.

SAEINDIA is a National Professional Engineering society whose membership represents practically every engineering and scientific discipline. Its members combine their specialized abilities to further advance the research, development, design, manufacture and utilization of vehicles which operate on land, water, air and space.

By becoming a member of SAEINDIA, students and faculty members can become a part of a global organization whose benefits are geared specifically to the needs of the mobility engineering community. Formal education and professional development will be enhanced through SAE INDIA member benefits.

SAE India BMSIT collegiate club was started in the year 2014 – 15 with 57 student members and 2 faculty advisors Dr.Suresh.N, Professor and Mr. Shripad Diwakar, Assistant Professor, Department of Mechanical Engineering.

ACTIVITY CONDUCTED DURING AY 2018-19

Activity Name: Seminar on “Range Extended Electric Vehicle (REEV) Competition”

Speaker: Sri. Rakesh

SAE India,

Bengaluru section

Bengaluru

Date of event: 20/09/2018

Time: 2:30 pm - 4:30 pm

No of participants: 46

Event details: It was planned to participate in Range Extended Electric Vehicle (REEV) competition. In order to create the awareness about the competition, a seminar was conducted on 20/09/2018 for II, IV and VI semester students of BMS Institute of Technology, organized by Department of Mechanical Engineering in association with SAE India BMSIT collegiate club and SAE India Bangalore section.

Speaker Sri Rakesh, SAE India Bengaluru section gave the session on "Range Extended Electric Vehicle (REEV) competition". He explained the overview of the competition, requirements, basic aspects to participate in the competition, support and help rendered during the competition by SAE India Bengaluru section and also by SAE India BMSIT Collegiate club. He also focused on the topics like various stages of design, simulation, fabrication and testing of electric vehicles during the competition.

At the end of session Sri.Rakesh clarified all the student doubts regarding electric vehicles competition related to its components, design, fabrication, simulation, assembly and testing.

ACTIVITY CONDUCTED DURING AY 2019-20

Activity Name: webinar on "Electric Vehicles"

Speaker: Sri. Suraj S D

Founder & CEO

Decibels Lab PVT limited

Bengaluru

Date of event: 17 /04/2020

Time: 3:30 pm - 5:30 pm

No of participants: 54

Event details: It was planned to conduct 2 weeks workshop on "Electric vehicles" for all students of BMS Institute of Technology, under Department of Mechanical Engineering in association with SAE India BMSIT collegiate club and Decibel labs pvt Ltd, Bengaluru. In order to create the awareness about the workshop on "Electric vehicles", a webinar was organized on 17/04/2020.

Speaker Sri. Suraj S D, Founder & CEO gave the session "Electric Vehicles". He explained Design, Simulation, Fabrication and Testing of Electric vehicles, he also focused on the topics like different battery types for Electric vehicles, Traction motors, motor controls, Simulation components, fabrication and testing of electric vehicles very effectively.

At the end of session, Sri Suraj S D clarified all the student doubts regarding electric vehicles related to its components, design, fabrication, simulation and assembly.

On behalf of SAE India BMSIT collegiate club, our sincere thanks to Dr.H K Govindaraju, Vice Principal, BMSIT&M, and our HoD, Dr.K M Sathish Kumar for providing the support, help and necessary suggestions throughout this programme and made this program a grand success.

Our thanks are also to all participants, who actually involved in this program with great interest and enthusiasm.