

JSS MAHAVIDYAPEETHA

SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE 570006

SJCE PACE PRESS REPORT 2018

PACE 2018 – a global forum of PACE partners and institutions was held in General Motors Head Quarters in Warren, Detroit, Michigan State, USA from July 22 – 25, 2018.

Students of SJCE participated in **Personal Urban Mobility Access (PUMA)** project in Team 3 - comprising of Escola Politécnica Da Universidade De São Paulo, Sao Paulo, Brazil, Instituto Mauá De Tecnologia Rheinmain University of Applied Sciences, Mauva, People's Education Society University, Bengaluru National Institute of Design, Ahmedabad, **Sri Jayachamarajendra College of Engineering, Mysuru** and Michigan Technological University, Michigan, USA.

This is a two year theme based activity which culminated in July 2018. First year the students were involved in the concept building, designs and finalization of designs based on the on-line scheduled meetings which was coordinated through the PACE office by scheduling invitations and organizing the team mentors and GM representatives to listen to the students' presentations across the globe.

Second year involved the activity of analysis of designs and development of prototype which was sponsored by the PACE. Student teams were given the task of dividing work and the work was integrated at various stages to make a working model and finally bring it to the forum for testing and validation.

TEAM 3 designed and developed a PUMA bike based on the identified attributes and the same was displayed on all the days. July 23, 2018 was identified for presentation of the team with regards to concept to reality using slides.

July 24 was the testing on track and validation with a Question and Answer Session for the entire team. Team members were given time to defend their designs by the referees and judges on all aspects of design and development including the use of software tools and procedures backed up by the PACE partners.

Team 3 students Bagged the following prizes

I Prize in Manufacturing

I Prize in Siemens PLM Software Usage Excellence Award

II Place in Product Engineering

III Prize Customer Insight for their innovative car concept for elderly people namely "CELOT".

Concept vehicle CELOT was fabricated by TEAM 3 and test run in the forum. Every Institution/University had a guide/mentor for taking up the activities to a logical end.

This project was guided by the PACE Integrator of SJCE Dr. V.Ramesh along with the mentors Dr. R.Srinidhi and Prof. V.Basavaraj.

SJCE was represented in the forum by two final year students of Mechanical Engineering - Mr. Prajwal Basavaraj and Mr. Archit Atreya along with faculty mentor Dr. Srinidhi R.

Students and faculty member were sponsored by PACE and the JSS management. Other students of SJCE Team Ashish V Hegde & Rakshit Baliga also contributed in the design and analysis of the CELOT vehicle.

The PACE administrator Dr. T.N.Naghabhushan, JSS&TU Registrar Dr. K.S.Lokesh & Vice Chancellor Dr. B.G.Sangameshwara Lauded their achievements.



