2017 PACE Forum Location: Tecnológico de Monterrey, Campus Toluca, Mexico

About Partners for the Advancement of Collaborative Engineering Education [PACE]
PACE, Partners for the Advancement of Collaborative Engineering Education, is a partnership between General Motors, Siemens PLM Software, Autodesk, Hewlett Packard and Oracle to support strategically-selected academic institutions worldwide established in 1999. The PACE mission is to develop Automotive Product Lifecycle Management [PLM] team of the future, by closing the gap between engineering education and practice. PLM is an integrated digital/parametric-based approach to a product’s lifecycle, from design inception through manufacture, marketing, distribution, maintenance and into recycling, disposal, reuse, and sustainability.

PACE integrates game-changing math based tools and technologies into the creative design, engineering, and manufacturing curricula of key academic institutions, not only to develop students who are skilled in the latest industry PLM tools and technologies, but also to enhance the competitiveness of the universities in each country. PACE strives to align academic and industry expectations by helping students to acquire experience with math-based tools and processes through classroom instruction, lab assignments, and interdisciplinary collaborative projects within or among universities globally.

PSG Tech was selected into the elite club of 65 PACE institution across the globe on March 12, 2015 and has received in-kind support of software and hardware worth INR 1500 Crores.

Every 2 years, the PACE partners announce a global competition with relevance to future mobility. Six institutions (with a maximum of 20 students each) are formed into a team more than 100 students to mimic a real world product development.

The team presents their work every year at the Annual forum organized at one of the PACE institutions in the month of July. This year, the PACE Annual forum was held at Tecnológico de Monterrey, Campus Toluca, Mexico where 6 team participated and presented their work on the Portable Urban Mobility Assist (PUMA).

Our team (TEAM 5) includes

1. Centro Universitário da FEI (BRAZIL) – Team LEAD
2. PSG College of Technology (India) - Engineering School
3. Korea University (Korea) - Engineering School
4. National Institute of Design (India) - Design School
5. M.S.Ramaiah University of Applied Sciences (INDIA) – Design School

PSG Team at Tecnológico de Monterrey, Campus Toluca, Mexico

*Team PSG on screen :- (From left) Surendar K, Velarasan V, Sanjeev R, Harshavardhan D, Mohamed Ashik A, Sendura Jeyandan S M, Jayganth R*
Dr. Vass Theodoracatos, GM at Tecnológico de Monterrey, Campus Toluca, Mexico

Team 5 with Concept VITA

**PSG PUMA TEAM MEMBERS**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Department</th>
<th>Student Name</th>
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<tbody>
<tr>
<td>1.</td>
<td>Automobile Engineering</td>
<td>Sanjeev R, Mohamed Ashik A, Prabakar J</td>
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<tr>
<td>3.</td>
<td>Production Engineering</td>
<td>Sebastian P S, Akash Barathvaj, Vishnu Prashanth,</td>
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<td>4.</td>
<td>Mechanical Engineering-SW</td>
<td>Muthukumar P, Daniel Nitin</td>
</tr>
<tr>
<td>5.</td>
<td>Production Engineering-SW</td>
<td>Navin Vijey Raj J</td>
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<tr>
<td>6.</td>
<td>Robotics and Automation</td>
<td>Soundarya L</td>
</tr>
<tr>
<td>7.</td>
<td>Electronics and Communication Engineering</td>
<td>Siddeshwar Ragavan</td>
</tr>
<tr>
<td>8.</td>
<td>Electrical and Electronics Engineering</td>
<td>Nithin Kumar</td>
</tr>
<tr>
<td>9.</td>
<td>Computer Science Engineering</td>
<td>Sivaram</td>
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AWARDS:

Team 5 - Siemens best PLM software Excellence Award

Best Technical Paper Presentation:
Harshavardhan D won 3rd prize in best technical paper presentation in Engineering Track for his paper of Sensing of Motorway Terrain for automatic suspension Adaptability & Localized terrain Mapping.

Travel Grants:
General Motors has provided funding for immediate distribution to support the PACE Portable Urban Mobility Access (PUMA) student travel to the 2017 PACE Annual Forum in Tecnológico de Monterrey, Campus Toluca, Mexico.
Official Letter from PACE dated 24th May 2017

Future scope for PSG Tech students [2017-2018]:
• Course / Software competitions
• International job fair
• Networking for higher studies
• PACE collaboration and innovation challenge [CIC] project
• PACE global project competition: Personal urban mobility access [PUMA] project-Phase 2
• Paper presentation
• Poster presentation
• PUMA project grant
• Software certification
• Software training
• Travel grant

Reference: http://pacepartners.org/