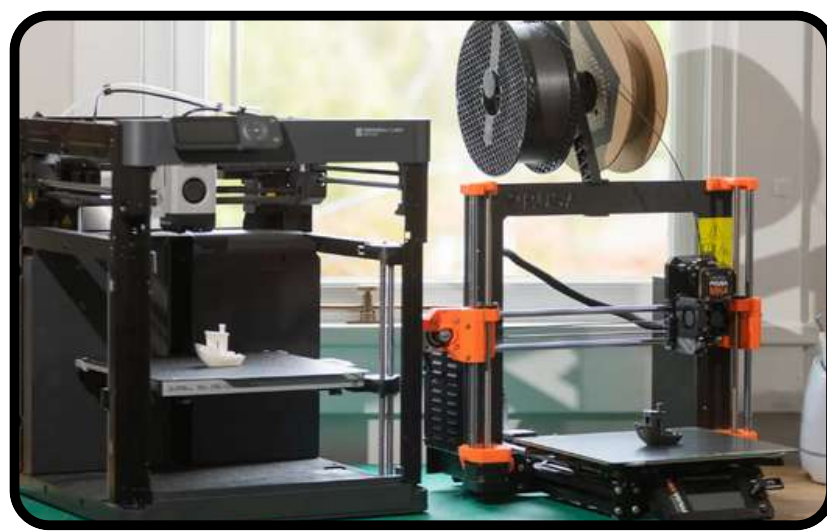
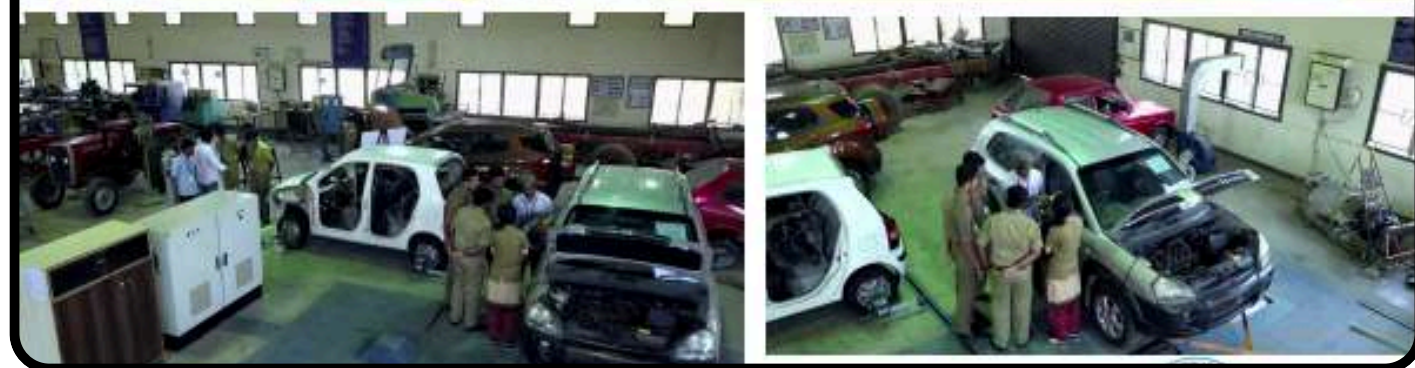




B.E. MECHANICAL ENGINEERING (AUTOMOBILE)

(With a special focus on hybrid and electric vehicles)

**EARN A DEGREE
WITH MULTIPLE
OPPORTUNITIES**



Why Mechanical Engineering (Automobile) at SVCE?

- Firstly, the College is an **ISO** certified institution and is accredited by **National Assessment and Accreditation Council (NAAC)**
- Students can explore multiple career opportunities in leading mechanical and automobile industries in India and Abroad
- **First College in Tamil Nadu** to Introduce this program from the Academic Year 2024-25
- Special focus on **Hybrid & Electric Vehicles** and **Digital & Green Manufacturing**
- **Semester-in-Abroad** programme in third year
- Exposure to real-world challenges and practices through **Semester-in-Industry** programme
- Earn **Honours / Minor degree** along with basic degree
- Guidance for 100 % placement
- **Full fee waiver** for Government School students under WINGS and SEEDS scholarship schemes
- **Management scholarships** on the basis of Merit Means, Merit-cum-Means, Economic Means, Performance in Sports and Performance in NCC activities

Interactions with industries

Having regular interaction with industries such as TVS Sundram Fasteners, Ashok Leyland, Delphi-TVS, JBM, Ford India Ltd., Hinduja Tech Ltd., Hyundai Motors India Ltd., Royal Enfield, Saradha Motors Industries Ltd, TAFE, Mando, etc. for the curriculum development, student's internship, and industrial visit, etc.

Student Achievements

- The students are receiving **funded projects** from Tamil Nadu State Council for Science and Technology (**TNSCST**) continuously for the last three years.
- A group of students received **Innovative Student Projects Award** - 2017 from Indian National Academy of Engineering for the project titled, "Design of Variable Braking System Using Intelligent Dual Caliper".
- A group of students will receive **Best Project Award** from **TAFE** every year for the best final year project.
- Every year the students are participating in **BAJA SAEINDIA**, a National level technical competition. The students design and fabricate an All-Terrain Vehicle from scratch.
- Students received awards in BAJA SAEINDIA 2022 - 1st Runner-up in the **'Cost Event'** and the **'Innovation Event'**.
- Students received 3rd Prize in **Technology Innovation Event** in BAJA SAEINDIA 2023, held at Chitkara University, Baddi, Himachal Pradesh, India.



Best Practices

- Practices like experiential learning, peer learning, collaborative and cooperative teaching, flip classroom with effective use of **ICT** have made learning innovative and enriching for the students.
- Professionals from the **industry are invited to deliver guest lectures** and to handle regular courses to keep students abreast of the latest developments in the world.
- The department provides opportunities to students to exhibit their talent by participating in various **competitions conducted across the country**. The students learn and understand the shade of research under the guidance of Faculty.





Placement

An average of more than **95%** eligible students of Automobile Engineering got placed in reputed core and other companies



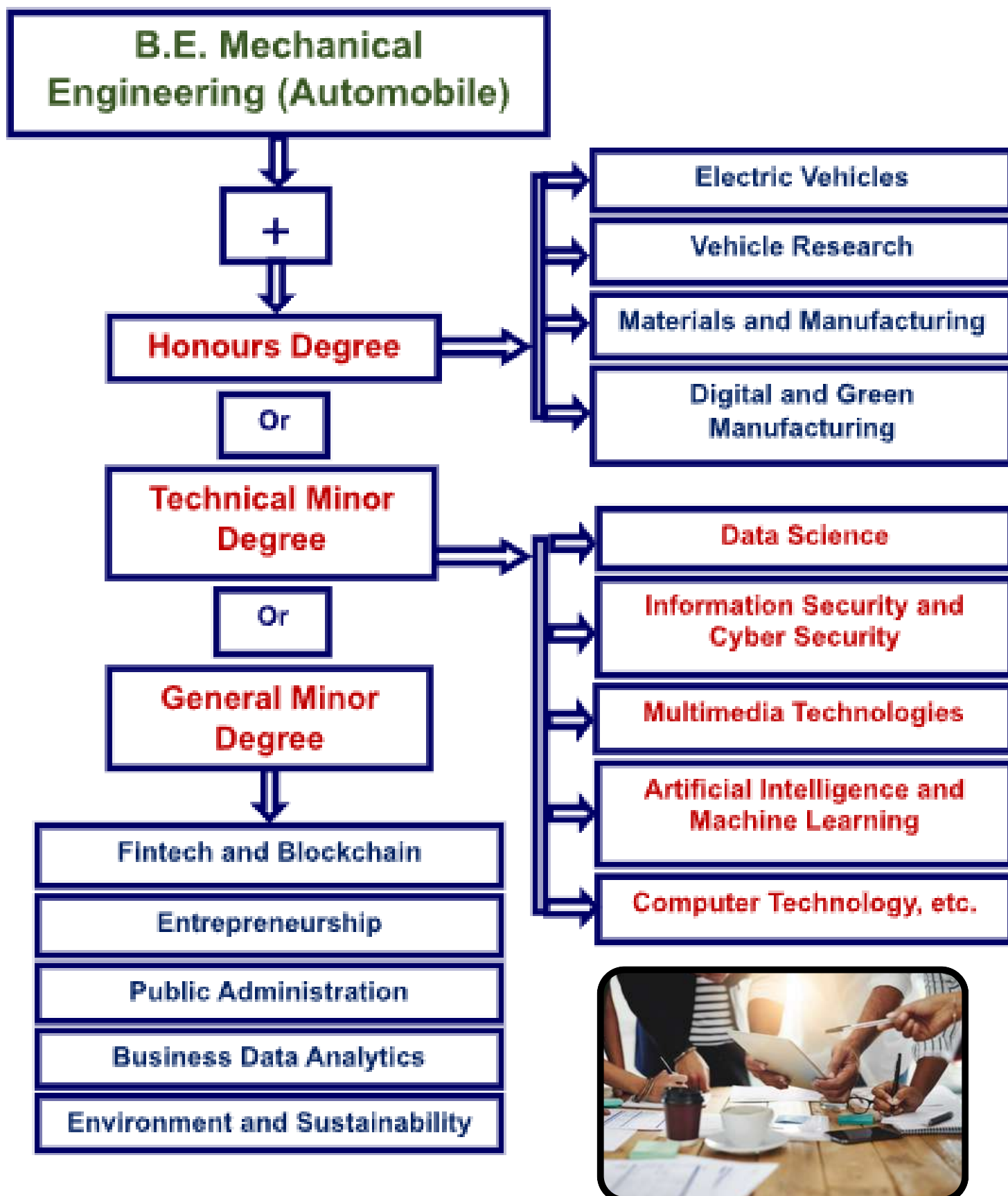
Higher Studies

- Students are provided with **supportive training** pertaining to their future plans for doing a master's.
- Students pursue their master's in the field of Engineering and Technology and also in Business Administration and Management in reputed Universities worldwide including Clemson University-USA, Wisconsin Madison University-USA, RWTH Aachen University-Germany, Ingolstadt University-Germany, University of Sheffield-UK, Oxford Brookes University-UK, etc.



Honours and Minor Degrees

- In addition to the basic degree B.E. Mechanical Engineering (Automobile), the students can get an additional Honours Degree or Minor Degree by earning additional credits.



Curriculum has been designed in such a way that a student after completing B.E. Mechanical Engineering (Automobile) with a multifaceted exposure, can easily be fit into any Automotive and Manufacturing industries

