



**RV College of
Engineering®**

CENTRE OF COMPETENCE

RVCE - MG -ELECTRIC VEHICLE TECHNOLOGY (EVT)

ESTABLISHED AND FUNDED BY
Rashtreeya Sikshana Samithi Trust (RSST)
MG Motor India Private Limited (MGI)

The MG-RVCE Centre of Excellence in Electric Vehicle Technology (COE-EVT) was established in the year 2022 and is under development since its inception. This centre focuses on conducting training and research in the domains of electric vehicle Technology. The dedicated centre established has the facility of:

1. EV Aggregates – electrical, mechanical, electronic
2. MG ZS EV – Pure electric vehicle
3. Vehicle Diagnostic System (VDS) Software Tools of MG

RVCE in association with industry partner MG Motor India Pvt. Ltd., offers career oriented certification course in Electric Vehicle Technology. The programme covers in-depth the Electric Vehicle technologies incorporated in ZS EV car, with greater focus on practical / lab sessions, Internship at MG Dealers and project work in the domain of Electric Vehicle Technology.

Objective

It is a state-of-the-art facility focuses on providing industry certificate diploma course, internships and option to carry out academic projects.

1. **INDUSTRY CERTIFIED COURSE** - To cater the domain of service sector of EVT, a course has been designed by MG and is providing with RVCE at this CoE under the banner of MG Nurture. The course content is derived in collaboration with Morris Garages India to suit the needs of the advances in Electric Vehicle Technology. The course is designed to provide theoretical description, practical hands on experience, internship at MG Dealers and a Project in the area of EV Technology
2. **INDUSTRY COLLABORATION** – To enable the industry personal to equip with the practical knowledge of EV architecture, training programs are developed in the form of Comprehensive workshops.
3. **INTERNSHIPS** - To encourage the students' community to get the awareness of the EVT, to equip the students with the current technology of eMobility, the CoE is providing the internships.
4. **PROJECTS** - To impart theoretical and experimental training on the topics of eMobility / EVT, the faculty members, research scholars and students are encouraged to carry out the academic projects.
5. **SKILL LAB** - To enrich the students with hand-on on the EV and its architectures special skill lab sessions will be arranged for both UG and PG students of mechanical engineering, aerospace engineering, electrical and electronics and other allied programs.



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Achievements

**AMOUNT GENERATED BY
INDUSTRY CERTIFICATE
COURSE:
RS. 5.0 L**

**AMOUNT GENERATED BY
INDUSTRY TRAINING:
RS. 4.8 L**

**AMOUNT GENERATED
BY
INTERNSHIPS:
RS. 0.35 L**

Facilities @ EVT

1. EV AGGREGATES
2. ZS EV – INDIA'S FIRST PURE ELECTRIC INTERNET SUV
3. VEHICLE DIAGNOSTIC SYSTEM (VDS) SOFTWARE TOOL:

Unique Features of COC

1. Course Designed by MGI Experts
2. Content delivery by Experts trained by MGI
3. Lab sessions on MG ZS EV
4. Internships at MG Dealers
5. Project work in the domain of Electric Vehicle Technology
6. Mentoring by MGI Experts
7. Placement Assistance

For further details contact:

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