

A REPORT ON THE LAUNCH OF E-YANTRA LABORATORY (EMBEDDED SYSTEMS AND ROBOTICS LAB) ON 10th FEBRUARY 2017 AT RVR&JC

The R V R & J C College of Engineering proudly launched its *e-Yantra laboratory* on 10th February, 2017. The prestigious project is a sponsored undertaking of MHRD through the National Mission on Education through ICT (NMEICT) aimed to spread effective awareness on embedded systems and Robotics education at Engineering, Science, Polytechnic colleges across the country. The Government initiative is run under the collaborative guidance of Embedded and Real Time System Lab (ERTS-lab), Computer Science Engineering Department, **IIT Bombay**.

The laboratory is designed as a scalable and sustainable approach that addresses infrastructure creation and teacher training—aimed to create an eco-system at the colleges to impart effective engineering education. The prime objective of the laboratory is to make available the learners a conducive platform to learn basic concepts in embedded systems and microcontroller programming by the means of a robotic kit and accessories. The colleges are encouraged to setup robotics activities and competitions with an adequate guidance and support for increasing the awareness on the recent trends in the robotics sector. The management is kind enough to provide necessary infrastructure and adequate equipment to establish the Robotics Lab.



Sri. RayapatiGopala Krishna, Secretary & Correspondent, Dr. B. RaveendraBabu, Director, SDC, Dr. N.V. Srinivasa Rao Registrar, and Faculty members during the formal inauguration of e-Yantra lab on 10th February , 2017



Secretary & Correspondent Sri. R. Gopala Krishna, SDC Director Dr.B. RaveendraBabu, Registrar Dr. N.V. Srinivasa Rao, e-Yantra Team and during the formal inauguration of e-Yantra lab on 10th February, 2017

The e-Yantra proposes to organize array of events for students in the form of competitions— task based activities so that the learners get to share various technical projects and brainstorm new ideas. As a resource development for Teachers, the laboratory will host Symposiums for advancement in pedagogy and real-time applications.

