



**ANNAPOORANA ENGINEERING COLLEGE, SALEM.**  
(Approved by AICTE-New Delhi, Affiliated to Anna University, Chennai)  
An ISO 9001-2015 Certified Institution  
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## Department of EEE &ECE

### Innovation and Extension Cell

#### **Inauguration of Innovation and Extension Cell**

Department Of EEE and ECE Inaugurate the “**Innovation and Extension Cell**” on Aug 08,2019 with the heavenly blessings of Dr. S. Shanmugasundaram, our founder Chairman. The Innovation and Extension Cell was inaugurated by **Dr. M. DHANUSU, HUB COORDINATOR IEDP & DIRECTOR / SBIC, SONA COLLEGE OF TECHNOLOGY** and also delivered guest lecture on power system analysis. Our Innovation and Extension Cell aims to excel in the field of research and innovation . The objective of the Innovation and Extension Cell for excellence is to provide best world class practices and to facilitate in research, exchange ideas, solutions to practical problems. The department of EEE & ECE has signed MoU with many companies to enhance industry institute interaction such as internship, Field Visits, Guest Lectures, Seminars, Workshops, Placement are provided to students. Practical training will be given for faculty members. Students are being exposed to have practical knowledge in their relevant field through this Innovation and Extension Cell.

#### Workshop of Solar panels and LEDs



One day workshop on Solar Panels and LEDs was conducted on 01.10.19 at Dr. S. Shanmugasundaram Hall from 10.00 A.M to 5.00 P.M. The students were given training on the theoretical and practical knowledge about the solar panels as well as the LEDs. The different application of the solar panels and LEDs were also discussed.



The Hands on training was given to calculate the maximum efficiency of the solar panels by changing the different angles and the maximum voltage was calculated. The different voltage and current levels were noted and the power calculations were done. The students involved themselves efficiently and used the session very fruitfully. The power consumption factor of the LEDs was discussed and the practical applications was also discussed.