

INDUSTRIAL VISIT-ACE COMPONENTS & ELECTRONICS PVT.LTD

ACE components and Electronics Pvt. Ltd, Mysore is a famous for manufacturing of resistors. The area of business extends to manufacturing and marketing of resistors in various areas.

ACE components and Electronics Pvt. Ltd, a private firm in Belavadi, Mysore is one of the top most carbon film resistor dealers in Belavadi, Mysore. Our prime motto to visit this industry to gain knowledge about resistors manufacturing since resistors are integral part of every electronic circuits .A one hour industrial visit on January 27th 2018 gave us a clear picture on resistor manufacturing. One of the main staff in ACE components and electronics Pvt. Ltd gave a very good explanation about the basics of resistors and its manufacturing. As an ECE student, resistors are very important component for us. So, that explanation and visit of manufacturing of resistors strengthened our basics of electronics.

Main products of ACE components and electronics Pvt. Ltd are: -

- Carbon film resistor
- Metal film resistor
- Zero-ohm resistor
- Metal oxide film resistor
- Flame proof resistor

Since ACE components and electronics Pvt. Ltd is the top most dealer of carbon film resistor, staff explained the full fabrication of carbon film resistor and showed the fabrication.

Carbon film resistor are coated with a thin film of highly pure carbon on high alumina ceramic rods by pyrolysis under controlled conditions. The final ohmic value is achieved to close tolerance by uniformly helixing on precision imported machines using low IRV, to ensure high stability and long life. The load wires are welded to the end caps with four colour bands (E-24 series) to international standards. The company have fully integrated automated manufacturing facility from deposition to finished resistors. Fully equipped calibrated testing facility from incoming materials on various stages of production to final validation of process parameters. Also fully computerized order processing including order acknowledgement, production scheduling, inventory allocation and invoicing.



Class of S4 EC

It was a very useful industrial visit and we are happy that we achieved our motto, ie , to gain as many information about resistors. ACE components and electronics Pvt. Ltd staffs also took their maximum effort to explain each stages of resistor manufacturing and was very cooperative.

