

**Report on
Field Visit**

**International Advanced Research Centre for
Powder Metallurgy & New Materials
(IARCPMNM) - Hyderabad**

(02nd Feb 2020)

SAEINDIA



Organized by

SAE JAYAMUKHI COLLEGIATE CLUB

**JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES, NARSAMPET
WARANGAL – TELANGANA – INDIA**

Industrial Visit Report

Name of Industry: **International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI)- Hyderabad**

Date of Visit: 02.02.2020

Total No. of Student: 37

Total No. of Faculty: 03

Faculty Coordinator: Mr.B.Hemansunder & Mr.P.Vamshi Krihna Ms.E.Sucharitha,

The department of mechanical engineering has arranged an industrial visit to International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI)- Hyderabad for SAE Jayamukhi Collegiate club student members. The visit was organized with the prior permission and guidance of hon. Principal and Head of Department.

Details of Visit: International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) established in the year 1997, is an Autonomous Research and Development Centre of Department of Science and Technology (DST), Government of India with main campus at Hyderabad spread about 95 acres of land and with operations in Chennai and Gurgaon.

ARCI's mandate is

- Development of High Performance Materials and Processes for Niche Markets
- Demonstration of Technologies at Prototype / pilot scale
- Transfer of Technology to Indian Industry

The activities are pursued through 11 Research Centres, with main focus on development of nationally unique technologies and application oriented programmes. Synonymous to its name, ARCI is also open to collaborate with Indian and foreign laboratories, universities and industries for successful achievement of its goals. ARCI has successfully transferred 15 technologies to 27 receivers and few other technologies are under transfer.

Visit Schedule:

10.00 to 10.30 : **Entry & Registration.**

10.30 to 11.15 : Centre for Ceramic Processing (CCP)

11.15 to 12.30 : Centre for Non-Oxide Ceramics (CNOC)

12.30 to 01.15 : Centre for Engineered Coatings (CEC)

01.30 to 02.00 : **LUNCH BREAK**

02.00 to 02.45 : Centre for Laser Processing of Materials (CLPM)

02.45 to 03.30 : Centre for Sol-Gel Coatings (CSOL)

03.30 to 04.30 : Centre for Solar Energy Materials (CSEM)

04.30 : **Exit**



Students at International Advanced Research Center for Powder Metallurgy and New Materials