



Brief Profile - CIPET – AHMEDABAD

CIPET Centre in the state of Gujarat was established in the year 1981-82 at Ahmedabad as a joint venture between the State Govt. of Gujarat and Central Govt. The land and building funds were provided by the State Govt. while the infrastructure, equipment and machinery were provided by the Central Govt.

CIPET at Ahmedabad is located in the fastest growing "Vatva , GIDC industrial area" Phase-IV, Plot No. 630 on the Mahemdavad road and is spread on 11 acres of land with all the necessary infrastructural facilities. The campus is located at a distance of 9 km from the Ahmedabad Bus station and 7 km from the Railway Station. The nearest airport, the Sardar Vallabhbhai Patel International Airport, is about 24 km from CIPET Ahmedabad.

Objectives of CIPET are to offer various specialized **Academic programmes** in the field of Plastics Engineering & Technology (*ME/M.Tech. In Plastic Engineering, MSc. In Polymer Science, B.E/B.Tech. in Plastic and Manufacturing Engineering, Post Graduate Diploma, Post Diploma & Diploma*) in order to provide qualified Human Resources to plastics & allied Industries at various skill levels.

To upgrade the skill & technical competency of personnel employed in plastics industry, this centre offers a wide range of short-duration courses, tailor made/modular programmes, in-plant/vocational courses and Central / State Govt. sponsored skill up-gradation programmes and CSR of GAIL,SABIC,PFC,GCSRA,ONGC etc such as Plastic Processing Machine Operation, Injection moulding machine operation & Maintenance, C N C Machine Programming & Operation & CAC/CAM./CAE Application in Plastics Product & Mould Design.

These programs are sponsored by various State & Central Govt. agencies for unemployed youth of Gujarat which includes the following :

- Social Welfare, Tribal, Backward Class Department , Govt. of Gujarat.
- Directorate of Technical Education, Govt. of Gujarat.
- Ministry of Social Justice & Women Empowerment Govt. of India.
- Gas Authority of India(GAIL) GAIL,SABIC,PFC,GCSRA,ONGC etc Corporate Social Responsibility (CSR) Programme.
- Tailor-made/modular and EDP based on needs/requirements of plastics & allied industries.

In the Long Term & Short Term Courses nearly 90% placement is achieved.

CIPET Ahmedabad provides **Technology Support Services in Design, Tooling, Plastics Processing, and Testing & Quality Assurance etc.** The Plastics Testing Centre (PTC) at CIPET Ahmedabad is equipped with state of-art Infrastructure modernised plant & machineries / equipments for providing technology support to various industries & organisations and various assignments are undertaken by the centre.

- Technology Support Services encompasses **Design, Tooling, Plastics Processing, and Testing & Quality Assurance** in India and abroad. The recognized organizations like Indian Space Research Organization (ISRO), Gujarat

Water Supply & Sewerage Board (GWSSB), Gujarat Green Revolution Corporation Ltd. (GGRCL), Water & Sanitation Management Organization (WASMO), are the major Public Sector & Govt. organizations recognized CIPET as their prospective vendor for precision tooling, mould & product development.

- Tool Room Department is continually providing Technical support to Indian Space Research Organization (ISRO), Hindustan Aeronautics Ltd (HAL), Electronics Corporation of India Limited (ECIL) for their critical machining work.
- Processing Department is continually providing Technical Support to MPTF Ambarnath, Indian Oil Corporation Ltd. (IOCL), Gas Authority of India Ltd. (GAIL).

CIPET, Ahmedabad has made a special achievement by undertaking a project titled ***“Design & Developmental Activities.”***

1. Developed and supplied Super Heated Liquid Nitrogen Dosimeter Device (SLNS), Plastic Scintillator Rod and sheet for Defence Laboratory, Jodhpur.
2. Developed and supplied Foam Packaging Fitment for Machine Tool Prototype Factory (MTPF), Ministry of Defence, Ambarnath.
3. Development of Polymer Composites for DMSRDE, Kanpur
4. Utilization of coconut shell powder as natural filler for the development of thermoplastics green composites for CSIR, New Delhi
5. Development of Bio nano composites for CSIR, New Delhi
6. Utilization of Baggage Waste from Sugar Industry for the Development of Thermoplastic Green Composites for AICTE, New Delhi.
7. CIPET becomes a part of Anchor Institute in Gujarat state which comes under Centre for Entrepreneurship Development Department, Gandhinagar.
8. Topaz Pvt Ltd, Guiana signed MoU with CIPET-Ahmedabad for Overseas assignment and Training.
9. CIPET-Ahmedabad and GSFC, Vadodara signed MoU for Sanand Project Development and Laboratory establishment.
10. CIPET-Ahmedabad and OPAL, Dahej signed MoU for skilled manpower and Laboratory Establishment.
11. Established Alok Industries Pvt Ltd, New Delhi NABL accredited Testing laboratory.
12. Windsor Pvt Ltd, Ahmedabad and CIPET-Ahmedabad signed MoU for reskilling and skill up gradation of Manpower, upcoming projects and Placement of students.
13. Ferromatik India Pvt Ltd, Ahmedabad and CIPET-Ahmedabad signed MoU for reskilling and up gradation of Manpower in Injection Molding Technology and Placement of students.
14. Taken initiative for making satellite centre of CIPET-Ahmedabad at Bhavnagar district.
15. Conducted Skill Development Training for ST/SC/OBC/Gen Caste under privileged candidates sponsored by GAIL, PFC, ONGC, GCSRA and Baerlocher Additives Pvt Ltd, Mumbai.
16. Development Support Agency-Gujarat signed MoU with CIPET-Ahmedabad to trained ST youth of Gujarat State.