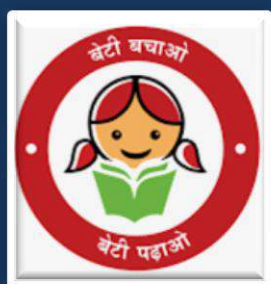


Central Institute of Petrochemicals Engineering & Technology (CIPET)

Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers
Govt. of India



CIPET : IPT - JAIPUR



AUGUST - 2024

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Dedicated service to the nation since 1968...



CONTENTS

- 1. Academics**
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 - 14. Participation in Exhibitions**
 - 15. Educational Visit**
- 
- 



Anna University Annual Sports Award function for the AY 2023-24 was held on 8th August, 2024. Shri P. Leelakaran – Physical Education Teacher, Chennai centre was awarded a certificate along with a cash prize for acting as Manager cum Coach during the All India Inter University Rowing (Men) championship 2023-24 held at Punjab University, Chandigarh from 22nd to 27th December, 2023.

Ms. A. Lobhamuthra – III year B.E. (Mfg. Engg.), Chennai centre was awarded on 8th August, 2024 for securing 4th place in Roll Ball competition in All India Inter University held at Tamil Nadu Physical Education and Sports University, Chennai on 15th to 17th May, 2024.

A team of 4 Students from Ahmedabad centre stood Second Runner Up in the Poster presentation event at All Gujarat Automation Engineers Meet 2024 (AGAEM'24) organized at the Institute of Technology of Nirma University on 10th August, 2024.



Shri Daniel – M/s. Dan Plastics gave a insightful lecture on Fascinating to learn about the latest advancements and sustainable practices at Mysuru centre on 12th August, 2024.



Shri Sangramjeet Das, ISKCON gave an Motivational Speech to students at Bhubaneswar IPT centre on 14th August, 2024.

Shri S. Jeevanantham – Supply Chain Management Manager, M/s. Flextronics, Malaysia conducted an interactive session with the final year students of B.E. (Mfg. Engg.) and B.Tech. (Plastic Tech.) on “Global Scenario of Manufacturing Industries” at Chennai centre on 21st August, 2024.



Students of Kochi centre attended live streaming of India’s maiden National Space Day celebration on 23rd August, 2024. A Drawing competition was also organized during the event.



Mr. Ganti Vengat Sai Tejas – I Year DPT, Mr. Piyush Jaiswal – I Year PGD-PPT, Mr. Pushpraj Sahu – II Year DPMT, Ms. Hemlata Patel – II year DPT, Mr. Tomesh Kumar – I Year B.Tech. and Mr. Ritesh Kumar Kuree – IV Year B.Tech. from Raipur centre won 1st, 2nd & 3rd prize in “Naya Bharat Utshav” at NIT, Raipur on 23rd August, 2024.

Shri Sandeep Rana – Asst. Director, Khadi & Village Industries Commission, Bhopal delivered a Motivational Lecture for the students at Bhopal centre on 23rd August, 2024.



The Technical Expert lecture on Thermoplastic Composites by Dr. Pradeep Bakshiji, a Renowned & well-known Consultant was arranged by the Indian Plastics Institute (IPI) Ahmedabad Chapter in dual mode for the benefit of CIPET students across India on 30th August, 2024 in line with the MoU signed between CIPET and IPI for various collaborative activities.

Student Induction Program (SIP) was conducted from 1st to 13th August, 2024 at CIPET centres for the first year students of Diploma/Post Diploma/ Post Graduate Diploma Programme as per guidelines of AICTE. The Purpose of this program was to facilitate a smooth transition from their home and school environment through various discussion and activities. Details of day – wise Programme:

- Day 1: Inauguration | Familiarization with the Institute
- Day 2: Mentor – Mentee Group Meet | Campus Tour | English Test
- Day 3: Guest Lecture | Literary Activity | General Awareness Session
- Day 4: Motivational Lecture-1 | Placement Activities | Alumni Interaction
- Day 5: Motivational Lecture-2 | First Aid/Safety Session | Club Orientation
- Day 6: Industrial Visit | Creative Practices-1
- Day 7: UHV - Health | Proficiency Class | Creative Practices-2
- Day 8: Lecture by Eminent Person | UHV- Relationship | Cultural Show
- Day 9: UHV-Society/Natural Environment | Creative Practices | Talent Expo



Campus Tour / Familiarization with the Institute



Mentor - Mentee Group Meet



Literary Activity



Student Clubs Orientation



English Language Skill Test



Creative Practices



Interaction with Alumni



Physical activity (Sports / Yoga)



Motivational / Invited Lectures



Placement Activities & Industrial Visit



Visit to Important Places of the City



Cultural Activities (Talent Expo)



Closing Ceremony



A glimpse into the Student Club Activities at CIPET centres across the country:

Environment Club



Dr. Debu Mukherjee - Assistant Professor, Dr. Shyama Prasad Mukherjee University, Ranchi gave an Lecture on Environmental awareness and Sustainability by at Ranchi centre on 12th August, 2024.

Sports Club



Session on Importance of Yoga in Life at Ranchi centre on 12th August, 2024.

Debate and Quiz Club



Group Discussion on “Indo-Pak Relation” among DPT/DPMT -1st and 3rd Semester students at Ranchi centre on 9th August, 2024.

Reader’s Club



Article review writing competition was organized at Ranchi centre on 5th August, 2024.

Arts Club



Patriotic Dance Performances were performed by the students at Balasore centre on 15th August, 2024.

Health & Wellness Club



On the occasion of Independence Day, Har Ghar Tiranga Rally was organized at Balasore centre on 15th August, 2024.

Music Club



On the occasion of Independence Day, Cultural Show by DPT/DPMT students at Ranchi centre on 15th August, 2024.





On the occasion of Independence day, singing event was organized at Balasore centre on 15th August, 2024.

Photography Club



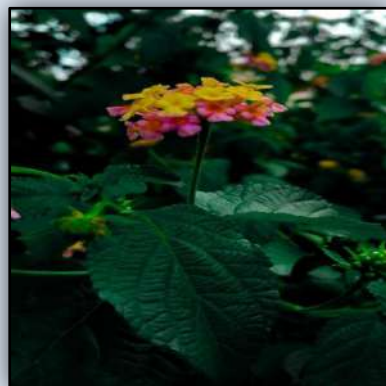
Photographs taken by students of CIPET centres.



By Mr. Satyam Sharma - I Year DPT student of Murthal centre.



By Mr. Nikhil Jaiswal - I Year PGD-PPT student of Murthal centre.



Photographs on the theme “Flowers” by Mr. Gopi Mahto – II year DPT, Mr. Nitesh – I year DPMT and Mr. Suyash – I year DPMT students from Ranchi centre

The Placement Department at each CIPET centre is regularly organizing visits to Industries for the students of Long Term Courses as well as the Skill Development Courses as a part of their study. This helps the students to have an Exposure of the Industrial setup in their domain of study.



Students from Korba centre visited M/s. Shri Maruti Industries, Champa on 5th August, 2024.



Students from Korba centre visited M/s. Gautam Plastics & Industries, Bilaspur on 8th August, 2024.



Students from Aurangabad centre visited M/s. Ekdant Moulding Pvt. Ltd., Paithan Aurangabad, M/s. Pune Polymer Pvt. Ltd., Waluj MIDC Aurangabad, M/s. Aurangabad Auto Cluster Pvt. Ltd., Waluj MIDC Aurangabad, M/s. Mantrom Plastic Industries Karodi MIDC Aurangabad on 8th August, 2024.



Students from Palakkad centre visited M/s. Sagar Poly Product, Palakkad and M/s. Icon Plastic Palakkad on 16th August, 2024.



Students from Ahmedabad centre visited M/s. Kapsun Resources Corporation, M/s. Mutual Industries Limited & M/s. BOSS Appliances LLP from 23rd and 24th August, 2024.



Students from Kochi centre visited M/s. Hamara Plastics and M/s. Amana Plastics, Kurichilakodu, Kodanadu on 30th August, 2024.

Placement

Recruitment activity at CIPET centres....





Shri D. Muppithathi – Asst. Manager from Windsor machines Ltd., Gujarat gave a session on placement opportunities! at Mysuru centre on 27th August, 2024.

Transition from Campus to Industry...

It's a memorable and proud moment for the students when they are stepping into their career on successful completion of their academic program. A glimpse into the on-boarding program attended by CIPET students.



Students from Chandrapur centre at M/s. Premsons Plastics, Mumbai



PRAKASH RANJAN

**Assistant General Manager - OPERATIONS
ATLANTIS GROUP**

(www.atlantisplus.com)

Email id : prakash@thevc.in

Being the First batch of CIPET Hajipur, Batch 2001-2004, Studied DPMT Course, We were in the phase of settlement of all pillars of Construction as well as setup, Yet During those period the enthusiastic, supportive and encouraging faculties made our learning a delight. I geared up to start the Technical education and amazing experience of Vibrant Culture on Site. I would like to communicate, remember that the courses you take, the friends you make, and most of all, the perspective you carry, can change your world. Commit to expand, care to understand, converse to grow. The college has moulded my personality and clarified my vision of the future. I owe my success to the college and wish the college all the success in the future.

Scope of experience& key features of my carrier

1. Oldest employee of TVC with 15 years of experience in Production/R&D/QA/SCM
2. Total Operation Control with OEE & JIT
3. 5S tool implementation
4. Inventory Control
5. Yearly Budget/CAPEX/ROI
6. CAPA
7. LEAN manufacturing tool
8. Member for India's First ZED diamond certified Company
9. Lead internal auditor of QMS
10. Delegate member (Speaker) award from QCI



Short term course on “Fundamentals of Plastic Processing technique” was conducted at Palakkad centre from 30th July to 5th August, 2024.

Internship training program for B.E. Mechanical Engineering (III Year) students (44 Nos.) of Government College of Engineering, Bodinayakkanur was conducted at SARP:ARSTPS, Chennai from 31st July to 30th August, 2024.



Internship training program for B.E. Mechanical Engineering (III Year) students (11 Nos.) of Government College of Engineering, Tirunelveli was conducted at SARP:ARSTPS, Chennai from 1st to 31st August, 2024.

Two days Training program on “Quality Inspection of Plastics Pipe” supported by Public Health Engineering Department, Govt. of West Bengal at Haldia centre from 2nd to 3rd August, 2024.





Four days Training program on “Quality Management System & Internal Audit as per ISO/IEC 17025:2017” at Bhubaneswar IPT centre from 5th to 8th August, 2024.

Internship Training on “Introduction to Plastics Technology” for 11 nos. of Final Year B.Tech. Chemical Engineering students from Dhanalakshmi Srinivasan Engineering College, Perambalur at Chennai centre was conducted from 5th to 9th August, 2024.



Two days Upgradation program at M/s. Govt. Inter College Rishikesh was organized by Dehradun centre from 7th to 8th August, 2024.

Short Term Course on “Principals of Plastics Processing & Techniques (Injection, Extrusion and Blow Moulding)” was conducted at Chennai centre from 12th to 13th August, 2024.





Two days On-Site Training Program on “Plastics Materials & Its Applications in Micro Drip Irrigation Products and Materials Testing & Quality Control” at M/s. Netafim Irrigation India Pvt. Ltd., Vadodara (Gujarat) was organized by Aurangabad centre from 16th to 17th August, 2024.

One day Industrial Awareness program on “Plastics Processing” was organized at Rashtrapita Mahatma Gandhi College, Nagbhir on 17th August, 2024.



Skill Up-gradation Training program for the students of PM Shri School, Jawahar Navodaya Vidyalaya, Koraput at Bhubaneswar IPT centre from 20th to 24th August, 2024.

One Day Training on “Chemical Safety Handling” was organized by Department of Chemical Engineering, MNIT- Jaipur at Jaipur centre on 27th August, 2024.





Two days training program on “Mechanical Testing of Plastics” for participants from V-Guard Industries Limited, Kochi was organized at SARP:ARSTPS, Chennai from 29th to 30th August, 2024.

Skill Development Training Program (SDTP)

In line with the Government of India's "Skill India“ initiative, various Skill Development Training Programs (SDTP) are conducted at CIPET centres across the country with the support of various Government departments and Sponsoring Agencies.

Selection Committee Meeting



For SDTP “Machine Operator – Plastic Processing” sponsored by M/s. MSME, New Delhi at Dehradun centre on 5th August, 2024.



Orientation and Selection for SDTP sponsored by NTPC Barh was conducted at Hajipur centre on 9th August, 2024.



For SDTP “Machine Operator - Injection Molding Plastics” sponsored by M/s. PMKVY 4.0, New Delhi at Dehradun centre on 13th August, 2024.

SDTP – Theory & Practical Session

Theory and Practical session of Skill Development Training Program (SDTP) conducted at CIPET centres....





Inauguration of SDTP “Machine Operator Assistant- Injection Moulding & Machine Operator Assistant Plastics Recycling” sponsored by M/s. ONGC Tripura Asset at Agartala centre on 1st August, 2024.

Inaugural Function & Training Kits Distribution of SDTP “MO-PP” sponsored by M/s. Petronet Lng Ltd., at Murthal centre on 30th August, 2024.



SDTP – Additional



Pre Placement Training class for “MO-PP” trainees sponsored by M/s. Infosys, Bhubaneswar at Bhubaneswar CSTS centre on 1st August, 2024.

Pre Placement Training class for “MO-IM” trainees sponsored by M/s. MCL, Sambalpur at Bhubaneswar CSTS centre on 2nd August, 2024.





Shri Ashvani Kumar – Deputy Manager, NSIC delivered lecture on “Entrepreneurship & Bussiness Development” at Dehradun centre on 5th August, 2024.



On the occasion of Swachh Bharat Mission, plantation Drive by SDTP trainees sponsored by M/s. SECL, Bilaspur at Korba centre during the month of August.



World Indigenous Day was observed by SDTP students at Agartala centre on 9th August, 2024.



Navsari officials and trainees participated in the vibrant Tribal Day festivities held in Vandsa, Gujarat, on 9th August, 2024 immersing themselves in the rich cultural traditions of the local communities.



Expert lecture on “Thermoplastics Composites” by Shri Pradeep Bakshi at Imphal centre on 30th August, 2024.

SDTP – Review

The delegates from M/s. Mahanadi Coalfields Limited (MCL), Sambalpur reviewed the M/s MCL, Sambalpur sponsored SDTP at Bhubaneswar CSTS centre on 7th August, 2024.



SDTP – Assessment



Assessment of SDTP on “Machine Operator – Blow Moulding” sponsored by M/s. SECL, Bilaspur at Korba centre from 31st July to 1st August, 2024.



Assessment of SDTP on “Machine Operator – Plastics Extrusion” sponsored by M/s. SECL, Bilaspur at Korba centre from 11th to 12th August, 2024.



Assessment of SDTP on “Machine Operator –Plastics Processing” sponsored by M/s. CMPDI, Nagpur at Chandrapur centre from 16th to 17th August, 2024.



Assessment of SDTP on “Machine Operator – Plastics Processing” sponsored by M/s. SECL, Bilaspur at Korba centre from 20th to 21st August, 2024.



Assessment of SDTP on “Machine Operator – Injection Moulding of Plastics” sponsored by PMKVY 4.0 at Agartala centre on 31st August, 2024.

SDTP – Valediction



Valedictory Function of SDTP “MO-PP” sponsored by M/s. Department of Industries, Govt. of Bihar at Hajipur centre on 8th August, 2024.



Valedictory Function of SDTP “MO-PE” sponsored by M/s. SECL, Bilaspur at Korba centre on 13th August, 2024.

Smt Janakidevi – Municipal Chairperson, Ottapalam attended the Valedictory Function of SDTP “MOA-IM” sponsored by SANKALP at Palakkad centre on 16th August, 2024.



Shri Shrikant Kaser - Assistant Commissioner Tribal Development Department, Korba attended the Valedictory Function of SDTP “MO-BM” sponsored by M/s. SECL, Bilaspur at Korba centre on 19th August, 2024.

Valedictory Function of SDTP “MO-PP” sponsored by M/s. CMPDI, Nagpur at Chandrapur centre on 19th August, 2024.





Shri Sanjay Kumar Sinha - Head of the Project, NTPC-SIMHADRI attended the Valedictory Function of SDTP “MO-PP” sponsored by M/s. NTPC-SIMHADRI at Vijayawada centre on 21st August, 2024.

Shri Binod Singh - Manager (Personal/Corporate Communication Officer) SECL, Korba and Mrs. Kiran Dhanga - Deputy Manager (CSR) SECL, Korba attended the Valedictory Function of SDTP on “MO-PP” sponsored by M/s. SECL, Bilaspur at Korba centre on 21st August, 2024



Shri Tulsiram Rahangdale – Asst. Professor, Govt. Rewati Raman Mishra P.G. Collage, Surajpur attended the Valedictory Function of SDTP “MO-PP & MO-BM” sponsored by M/s. SECL, Bilaspur at Raipur centre on 29th August, 2024.

Students who have successfully trained from MOPP (sponsored by M/s Infosys, Bhubaneswar) and MO & P CNC Lathe (sponsored by M/s MCL, Sambalpur) from Bhubaneswar CSTS centre were felicitated by the Collector & District Magistrate, Kendrapada, Odisha on 30th August, 2024.



CIPET centres undertake various Technology Support Services. A glimpse into some of the activities.....



Product Name: Hand Mould for Cryogenic Engine Cylinder
Centre: Bhubaneswar CSTS



Product Name: Tracked wheel Assembly
Centre: Bhubaneswar IPT



Product Name: Driven Pulley Mount Hub
Centre: Bhubaneswar IPT



Product Name: Driven Pulley Shaft Mount
Centre: Bhubaneswar IPT



Product Name: 2 Dram , 1 Dram, ½ Dram Ayurvedic medicine bottle
Centre: Bhopal



Product Name: Development of Biodegradable Polymer based Consumer Products
Centre: Aurangabad



Product Name: Blanking Die
Centre: Bhubaneswar CSTS



Product Name: Blanking Punch
Centre: Bhubaneswar CSTS



Product Name: Inter Connecting Adapter
Centre: Bhubaneswar IPT



Product Name: Cycloidal Shaft
Centre: Bhubaneswar IPT



Product Name: PC Interlock protection cover for railway panels
Centre: Bhopal



Product Name: Connector Valve of Radiator
Centre: Chandrapur



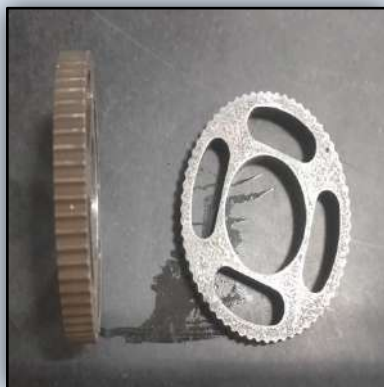
Product Name:
Cycloidal Flange
Centre: Bhubaneswar IPT



Product Name: Flange
Casing
Centre: Bhubaneswar IPT



Product Name: Shaft
Mount Casing
Centre: Bhubaneswar IPT



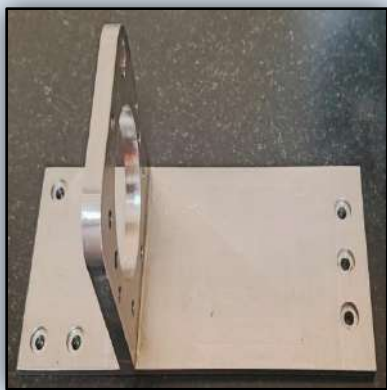
Product Name:
Cycloidal Disk
Centre: Bhubaneswar IPT



Product Name: CNC
Wire-cut EDM
Machining of Round
Steel B1
Centre: Bhopal



Product Name: Diamond
Polishing of Die Set
Centre: Bhopal



Product Name: Motor Mount
Centre: Bhubaneswar IPT



Product Name: Roller Mount Plate
Centre: Bhubaneswar IPT



Production of Legs used for furniture by using recycle Polypropylene material for AD Manufacturer Nagpur at Chandrapur centre by using Insert Injection moulding.



Production of Cast Booster of Ordinance Factory used for ballasting processed for M/s. AD Manufacturer, Nagpur at Chandrapur centre.

Research Articles

Shruti Kannan, Arun Kumar S, Himadri Tanaya Das, Arun Thirumurugan, Tamilvanan, Siva, Ranjith Krishna Pai, Ananthakumar Ramadoss*; “Prospects into the Role of Nanoporous Electrodes for Supercapacitors: Insight into Their Structure and Performance”; *Energy & Fuels*, Published September 11, 2024, ACS Publications.

<https://doi.org/10.1021/acs.energyfuels.4c01220>

Sayyid Abdul Basith, Ananthakumar Ramadoss, Gaurav Khandelwal, George Jacob, Arunkumar Chandrasekhar; “Recycling of diaper wastes for a triboelectric nanogenerator-based weather station”; *Iscience*, Volume 27, Issue 9, 110627, September 20, 2024, Elsevier.

<https://doi.org/10.1016/j.isci.2024.110627>

Research Internship

Mr. Sethubathi S - M.Sc., Applied Polymer Science, Chennai centre underwent Research internship titled “Fabrication and Characterization of Three-Dimensional Porous Electrodes for Energy Sectors” under the supervision of Dr. R. Ananthakumar – Scientist, SARP:ARSTPS, Chennai.

Ph.D. Completion

Ms. Ankita Mohanty has completed Ph.D. with the thesis titled “Rational Design of Mixed-MOF Derived 3D Nanostructures for High Performance Hybrid Supercapacitor” at the Department of Physics, Utkal University, Bhubaneswar under the supervision of Dr. R. Ananthakumar. – Scientist, SARP:ARSTPS, Chennai.

Granted Patents:

The details of the Patents granted to CIPET are available at https://www.cipet.gov.in/research/list_of_patents_granted.php

MoU Signed by CIPET Head Office

The details of the Memorandum of Understanding signed by CIPET are available at <https://www.cipet.gov.in/aboutus/mou.php>

The details of the On-going Sponsored Research Projects:

Sl. No.	Name of the Project	Sponsoring Agency	CIPET Centre
1	Technology for Aberration free Polymer Bi-aspheric lens for Indirect Ophthalmology	DST-SERB New Delhi	CIPET:SARP: APDDRL - Bengaluru
2	Technology for Efficient Power Generation through Floating Solar Photovoltaics at High Latitude Locations	DST-SERD New Delhi	CIPET:SARP: APDDRL - Bengaluru
3	Natural Fiber Reinforced Polymer Composites for Automotive Application	M/s. Mercedes Benz Research & Development India Pvt. Ltd.	CIPET:SARP: APDDRL - Bengaluru
4	Development of Sustainable Packaging	M/s Hindalco Industries Limited	CIPET:SARP: APDDRL - Bengaluru
5	Development of injection molded rigid items from seaweed & its characterization.	Sea6 Energy Pvt Ltd	CIPET:SARP: APDDRL - Bengaluru
6	Pathway to commercialization of seaweed based coatings on paper and paperboard.	Sea6 Energy Pvt Ltd	CIPET:SARP: APDDRL - Bengaluru
7	Development of High Energy Supercapacitors by Dry Coating Process for Smart Toys	DST	CIPET:SARP: ARSTPS - Chennai
8	DST-Storage MAP: Development of Solid-state Batteries via 3D Printing Technology	DST-ICMAP	CIPET:SARP: ARSTPS - Chennai
9	Tuning of In-Plane 3D Porous Efficient Electrodes for Microsupercapacitors	DST-DAAD	CIPET:SARP: ARSTPS - Chennai

The details of the On-going Sponsored Research Projects:

Sl. No.	Name of the Project	Sponsoring Agency	CIPET Centre
10	Development of High-Performance Flexible Thin Film Supercapacitors Based on Transition Metal Nitrides	UGC-DAE-CSR	CIPET:SARP: ARSTPS - Chennai
11	Development of Corrosion Resistant and Tribological function Based Smart Hexagonal Boron Nitrate composite (HBNC) Coatings.	CSIR-SRA	CIPET:SARP: ARSTPS - Chennai
12	Scalable Micro Porous Polymer Film as a Separator for Secondary Lithium Battery Applications	DST, Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
13	Study on Accelerated Method development for Biodegradability of Polyolefins and Compostable plastics	M/s. Reliance Industries Limited	CIPET:SARP: LARPM - Bhubaneswar
14	Development of Polypacked Bitumen	BPCL, Noida	CIPET:SARP: LARPM - Bhubaneswar
15	A Study on Quantitative and Qualitative determination of recycled content in Post-Consumer Recycled (PCR) Blends.	M/s. Uflex Limited	CIPET:SARP: LARPM - Bhubaneswar
16	Designing Innovative Recycling Process for Multilayer Packaging (MLP) waste using selective Thermosolvolytic Process	M/s. Uflex Limited	CIPET:SARP: LARPM - Bhubaneswar
17	Capacity Building for reducing Plastic & Chemical Pollution in India (INOPOL-2) - Focus on Coastal belt of Uttarakhand & Chennai	NIVA, Norway	CIPET:SARP: LARPM - Bhubaneswar

The details of the On-going Sponsored Research Projects:

Sl. No.	Name of the Project	Sponsoring Agency	CIPET Centre
18	Competency enhancement of system houses and micro, small and medium enterprises in the foam manufacturing sector	UNDP	CIPET:SARP: LARPM - Bhubaneswar
19	Development of Plastic Sleeper as per RDSO requirement	M/s. JCL Infra Pvt. Ltd.	CIPET:SARP: LARPM - Bhubaneswar
20	Centre of Excellence on Additive Manufacturing (CoE-AM)	MeitY Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
21	Manufacturing of Next generation Biomedical Devices (CoE-IV)	DCPC, Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
22	Environment Friendly Recycling Technology and Value Addition of Medical Waste Plastics obtained from PPE Kit used during COVID 19 situation	DST-WMT Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
23	To develop a high barrier compostable film for cigarette pack overwrapping application.	M/s. ITC Limited	CIPET:SARP: LARPM - Bhubaneswar
24	To Develop a high barrier biodegradable Film for cigarette pack overwrapping application.	M/s. ITC Limited	CIPET:SARP: LARPM - Bhubaneswar
25	Superabsorbent of bio-based material for feminine hygiene application	DST Inspire	CIPET:SARP: LARPM - Bhubaneswar



Between Raipur centre and Chhattisgarh Swami Vivekanand Technical University on 16th August, 2024.

Between Bhubaneswar CSTS centre and DMF, Keonjhar, Govt. of Odisha for conducting ITI and Skill Development Training Programme for the FY 2024-25 on 23rd August, 2024.



Between CIPET and Foundation for Innovation & Research in Science & Technology (FIRST), IIT Kanpur for promotion of Incubation activities for startups on 29th August, 2024 at IIT Kanpur.



Industry Interaction



Organized by Guwahati centre on 20th August, 2024.



Organized by Agartala centre on 20th August, 2024.



Organized by Guwahati centre on 23rd August, 2024.

Conference / Workshop / Seminar / FDP / Meetings

Dr. V H Sangeetha – Scientist, SARP:APDDRL, Bengaluru completed one week online short term course on “Opportunities and Challenges in Green Energy Transition” (OCGET-2024) organised by Department of Mechanical Engineering at NIT Patna from 29th July to 2nd August, 2024.

Ms. Shruti - Project Associate-I and Shri Vijay Singh V - Project Assistant, SARP:ARSTPS, Chennai participated in the Skill Development and Training Program (SDTP) on "Electrochemical Power Systems: Li-ion Battery: Science and Technology" organized by CSIR-CECRI, Karaikudi from 29th July to 2nd August, 2024.

Dr. R. Ananthakumar - Scientist, SARP:ARSTPS, Chennai delivered an Invited Talk on ‘Current Progress on 3D Architecture Electrodes for Supercapacitors’ during the six-day workshop on ‘Recent Advanced in Energy Research for Sustainable Development’ organized by SRM Institute of Science and Technology, Chennai from 5th to 10th August, 2024.



A workshop to identify areas for R&D was organized with the officials of Environmental Assessment Division, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam on 7th August, 2024 at SARP:ARSTPS, Chennai for design & fabrication of vacuum casting moulds for knee bones, midshaft of human leg and skull using advanced rapid prototyping techniques.

Dr. P. C. Padhi – Chief Manager(T), Bhubaneswar IPT centre attended Industry Academia Conclave 2024 organized by National Institute of Technical Teachers' Training & Research (NITTTR), Bhubaneswar Odisha, on 9th August, 2024. Dr. P. C Padhi was nominated as an external expert in the panel discussion on “Encouraging Industry Involvement in Teaching and R&D”.



Dr. V. Kiran Kumar - Chief Manager (T), Hyderabad centre was Invited for Programme Assessment Quality Improvement committee (PAQIC) as Industry Expert at Chaitanya Bharati Institute of Technology: Department of Chemical Engineering, Gandipet, Hyderabad on 10th August, 2024, to discuss on strengthening the industry interactions and research activities.



A Workshop on “Parallel Reaction Stations, Cloud-based Dataloggers, Waste Collection Systems” organized at SARP:LARPM, Bhubaneswar on 14th August, 2024.

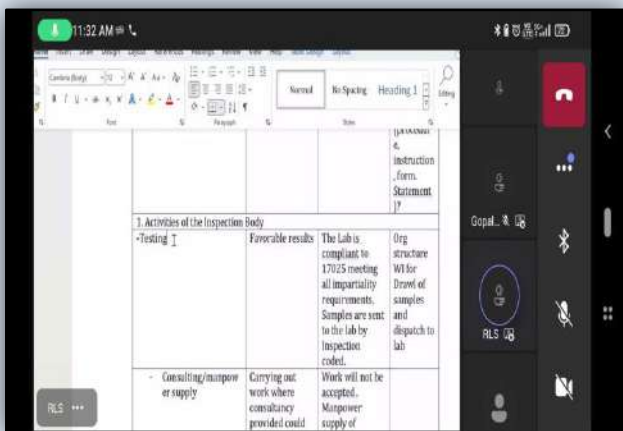
A presentation on “Evolution of Mechanical Engineering- Past, Present & Future” was made by Shri M. Pheer Mohamed - Manager (T), Chennai centre for the Mechanical Engineering students of SRM Institute of Science and Technology, Chennai on 14th August, 2024.



Dr. Kingshuk Dutta – Technical Officer & Dr. Srikant Tiwari – Asst. Professor, Ahmedabad centre completed the ‘Foundation Level’ of the Innovation Ambassador training conducted in online mode by the Innovation Cell of Ministry of Education, GoI and AICTE on 15th August, 2024.



Shri Pravin B Bachhav - Joint Director & Head, Ranchi centre delivered a lecture at the “Chemistry Annual Day 2024 Celebration” organized by Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, Jharkhand on 20th August, 2024.



CIPET Head Office organized Online training programme titled "Requirements of ISO/IEC 17020:2012 for Inspection Bodies" which was provided by Training & Capacity Building (TCB) Cell, Quality Council of India, New Delhi from 13th to 14th August, 2024 for 25 CIPET Officials and from 20th to 21st August, 2024 for another 25 CIPET Officials.

Prof. (Dr.) Shishir Sinha – Director General, CIPET participated in the workshop, “Roadmap for the Indian Plastics Industry towards 'Viksit Bharat'” organized by AIPMA at New Delhi on 22nd August, 2024.



Shri A. K. Rao – Director & Head, Aurangabad centre delivered presentation on “Key enablers to driving Skilling and Entrepreneurship within Plastic Value Chain Government Support” at One Day Workshop on ‘Roadmap for the Indian Plastics Industry towards Viksit Bharat’ which was organized by AIPMA & DCPC, Govt. of India on 22nd August, 2024.

Dr. Smita Mohanty – Principal Director & Head / Sr. Principal Scientist, SARP:LARPM, Bhubaneswar delivered a talk on “Role of Service Channels and Centers in Responsible Recycling” through online at Karo Sambhav on 21st August, 2024.

Ms. Shruti – Project Associate-I, SARP:ARSTPS, Chennai attended the Online webinar on "Metal Jet Software Solutions" hosted by HP as part of 'HP's Beyond the Forge: A Metal 3D Printing Series on 27th August, 2024.



A workshop to identify areas for R&D was organized with the officials of Fresh and Honest Café Limited, Chennai on 29th August, 2024 at SARP:ARSTPS, Chennai for the project to make 3D printing, fabricate injection moulding etc. for the parts identified in the Coffee making machine, in which 10 parts required in food grade / bio-compostable material.

Shri E Naga Durga Prasad - Technical Officer, Vijayawada centre delivered an guest lecture "Career guidance & opportunities in CIPET" at P B Siddartha College of Arts & Science, Vijayawada Andhra Pradesh on 30th August, 2024.



Events



Awareness Program on "Use of Plastics and Plastics Recycling" was organized at Ace Academy in the presence of Dr. Ganesh – Principal, Ace Academy, Dr. Geetanjali – Aurangabad Municipality Environment Advisor, Journalist Mr. Rupesh Kalantri and CIPET Aurangabad officials on 1st August, 2024.



Sr. Officials along with Officials from Different Project Implementation Unit of M.P. Jal Nigam visited Bhopal centre for exposure of facilities of CIPET, specially for Testing and Quality Control of HDPE Pipes & other products on 1st August, 2024.

President, Indian Plast Pack Forum, Indore along with Chairman, Plast Pack-2025 Exhibition met with Principal Director & Head and visited facilities of CIPET on 1st August, 2024.



Ms. Vanshika - State coordinator, Ministry of Social Justice and Empowerment visited Hyderabad centre for Inspection of Hostel and interacted with Hosteller Students on 1st August, 2024.

Shri Ravitej P.V. - Executive Director, Incharge Refineries, Bharat Petroleum Corporation Ltd. Along with Sr. Officials of Bina Refinery visited Bhopal centre in connection with establishment of Petrochemicals Complex at Bina Refinery on 1st August, 2024





Kochi centre organized AICTE ATAL Basic Faculty Development program on "Biopolymers & Composites: Materials Manufacturing Process, Advanced Application and Recyclability" from 5th to 10th August, 2024.

Inaugurated e-Office Sparrow application in the august presence of senior officials of CIPET, NIC and RailTel through online on 5th August, 2024.

Awareness program was organized on "Plastics Processing Technique" for the Teachers of different schools in the State of Chhattisgarh sponsored by Bureau of Indian Standards at Raipur centre on 7th August, 2024.



Prof. (Dr.) Shishir Sinha – Director General, CIPET gave an interview on "Plastics Waste Management for Sustainable Future" in Akashvani which was broadcasted on 6th August, 2024 and on "Skill Development Training Programs in Petrochemicals Engineering & Technology" which was broadcasted on 7th August, 2024.

Prof. (Dr.) Shishir Sinha – Director General, CIPET participated as panellist in Plenary Session on “Making a Sustainable Future with Plastics” of the CII Conference on Sustainability & Plastics under the theme Exploring Sustainable Solutions for Plastics: Towards a Greener Future at New Delhi on 7th August, 2024.



49th Anniversary of Brigadier A.F. Eugene – Founder & Former Director of CIPET was observed at Chennai centre on 9th August, 2024.

Experts from Biomass Energy Systems Inc., USA visited Kochi centre to discuss possible collaboration with CIPET on recycling technologies and utilize testing facilities of CIPET Kochi on 9th August, 2024.



Prof. (Dr.) Shishir Sinha – Director General, CIPET participated as Chief Guest on one day seminar on “Futuristic Polymers : Innovation, Sustainability and Skill” jointly organized by Indian Plastics Institute (IPI), Delhi Chapter and Bhaskaracharya College of Applied Sciences, University of Delhi at New Delhi on 9th August, 2024.



Librarians Day was celebrated at Murthal centre on 12th August 2024, on the birthday of Dr. S.R. Ranganathan, the Indian librarian and educator known as the Father of Library Science in India, whose contributions had a worldwide influence.



Shri A. K. Rao, Director & Head and senior officials from Aurangabad centre participated in a meeting which was organized by Marathwada Association of Small Scale Industries & Agriculture (MASSIA) in presence of Shri Uday Samant - Hon'ble Industry Minister, Shri Atul Save – Hon'ble Minister of Housing, Development, OBC Welfare - Govt. of Maharashtra, Dr. Bhagwad Karad, MP - Rajya Sabha, Aurangabad; & Dr. Harshdeep Kamble, I.A.S. - Principle Secretary (Industries) Govt. of Maharashtra towards investing in Chhatrapati Sambhajinagar at Aurangabad on 12th August, 2024.



Freshmen Social celebration was held at Guwahati centre on 13th August, 2024.



Ms. Nivedita Shukla Verma – I.A.S., Secretary, Department of Chemicals and Petrochemicals (DCPC), Govt. of India visited Plastics & E-Waste Management Centre, Bengaluru to review the progress of the centre on 13th August, 2024.



Shri Sagolsem Itomba – Tech. Officer and Shri Debajit Kalita – Asst. Tech. Officer participated in District Level Sharing Meeting with Centre In-Charge of Written Examination of Assam Direct Recruitment Examination (ADRE) in presence of Smt. Keerthi Jalli – I.A.S., District Commissioner, Kamrup (R) District on 19th August, 2024.

Prof. (Dr.) Shishir Sinha – Director General, CIPET participated in roundtable, "Driving Sustainability with Circular Economy Standards and Metrics" organized by US Commercial Service, Embassy of the United States of America New Delhi at New Delhi on 20th August, 2024.

Prof. (Dr.) Shishir Sinha – Director General, CIPET attended as Co-Chairman of the Constitution of Technical Committee to review the Safety Management Training Modules first meeting on 21st August, 2024 at New Delhi in which NIDM made a presentation before the committee on the contents of the training modules.



Mrs. Krishna Gaur - Hon'ble Minister of State (Independent Charge) Backward Class and Minority Welfare, De-notified, Nomadic & Semi-Nomadic Welfare, Govt. of M.P. was the Chief Guest for Inauguration Ceremony of the New Academic Session of Diploma, Post Diploma and Post Graduate Diploma students at Bhopal centre on 22nd August, 2024.

During the event, meritorious students were awarded and students of Scheduled Caste and Tribe category were given appointment letters of various polymer industries in the skill development program sponsored by M/s. MAPCET, Bhopal. Hon'ble Minister also inaugurated New Batches of Skill Development Programs for Scheduled Caste and Tribe students sponsored by M/s. MAPCET Bhopal and training kits were distributed.



Technical seminar on “Additive Manufacturing Technology” by team M/s. Adroitec, Bangalore at Mysuru centre on 23rd August, 2024.

“Kaushal Rath” for Balasore District was welcomed at Balasore centre premises on 24th August, 2024.



Shri Pankaj Sharma - Deputy Secretary, DoMSME, GoMP visited Bhopal centre on 24th August, 2024.

NABL Audit team visited Murthal centre on 24th August, 2024.



Officials from BRBNMPL, Mysuru visited Mysore centre for Handing over of Bestowals Upgradation of CAD/CAM Department on 28th August, 2024

Official from PHED – Govt. of Bihar visited Hajipur centre on 28th August, 2024.





Prof. (Dr.) Shishir Sinha – Director General, CIPET Chaired the PCD-12 Sectional Committee held at HBTU, Kanpur organized by BIS on 29th August, 2024.

Prof. (Dr.) Shishir Sinha – Director General, CIPET Interacted with HBTU, Kanpur students on 29th August, 2024.



CIPET officials held meeting with Vice Chancellor Kanpur University along with Director University Institute of Engineering and Technology on 30th August, 2024.

Official Language Committee of DCPC visited Dehradun centre and conducted Inspection on 30th August, 2024.

Shri Deepak Mishra - Joint Secretary (PC), DCPC, Govt. of India, reviewed the activities of CIPET: IPT – Bihta on 30th August, 2024.





NABL Audit for Renewal of NABL Accreditation for Jaipur centre was conducted from 31st August, 2024 to 1st September, 2024.

Official Language Meeting



Hindi Essay Competition was organized by Khadi and Village Industries Commission, Ministry of Micro, Small and Medium Enterprises, Govt. of India on 23rd August, 2024 among the students of Bhopal centre and a presentation was made about the activities of their department.

The meeting of the Town Official Language Implementation Committee (office-2), Jaipur was organized on 28th August, 2024 in the office of the Town Official Language Implementation Committee (Office-2) Jaipur in which Shri Sanjay Choudhry - Principal Director & Head, Jaipur centre has participated.



Observance of Nasha Mukht Bharat Abhiyan at CIPET centres on 12th August, 2024.





The 78th Independence Day – which marks the completion of 77 years of freedom was celebrated with much enthusiasm across all CIPET centres. The freedom struggle and revolutionaries were fondly remembered on this day. Various activities highlighting the freedom movement were demonstrated by students at CIPET centres.

Prof. (Dr.) Shishir Sinha, Director General of CIPET hoisted the National flag at Head Office on 15th August, 2024.









#Plant4Mother Campaign

As per the directives of DCPC, GoI, all the CIPET Centres were directed to observe #Plant4Mother campaign with active involvement of all the employees for Sapling of Trees as a mark of love and respect of mother Earth and to protect and preserve Mother Earth.





In commemoration with National Sports Day, various activities like administration of Pledge, Indoor & Outdoor games were organized at CIPET centres across the country.



At Agartala centre



At Amritsar centre



At Raipur centre



At Baddi centre.



At Balasore centre.



At Bhubaneswar CSTS centre.



At Bhubaneswar IPT centre.



At SARP:LARPM, Bhubaneswar.



At Chandrapur centre.



At SARP: ARSTPS, Chennai



At Dehradun centre.



At Jaipur centre.



At Murthal centre.



Hyderabad centre participated in P3 (Plastics Packaging and Printing) Expo 2024 at HITEX Exhibition centre, Hyderabad from 9th to 12th August, 2024. Dr. V. Kiran Kumar - Chief Manager (T), Hyderabad was a Special Invitee at the inauguration of the P3 Expo 2024.

Murthal centre participated in the “Pratigya 2024” exhibition at Bhiwani, Haryana from 22nd to 24th August, 2024.



Educational Visit

Students from educational institutions visit the nearby CIPET centres to have an awareness on the activities of CIPET. During these Educational visits, Awareness program/workshop are also organized at CIPET centres. A glimpse into the educational visits...





Courses Offered at CIPET

A glimpse into the various Postgraduate Engineering/Science, Undergraduate, Post Graduate Diploma, Post Diploma and Diploma academic Programmes offered at CIPET Campuses:

S. NO.	ACADEMIC PROGRAM	CIPET CENTRE	DURATION
1	M.E./M.Tech. in Plastics Engineering / Technology	Ahmedabad, Bhubaneswar, Chennai, Lucknow	2 Years
2	M.E./M.Tech. in Polymer Nanotechnology	Bhubaneswar	2 Years
3	M.Sc. (Tech.) in Material Science Engineering (Integrated program)	Bhubaneswar	5 years
4	M.E. in CAD/CAM & M.Sc. in Applied Polymer Science	Chennai	2 Years
5	M.Sc.in Bio Polymer Science	Kochi**	2 years
6	M.Sc.in Polymer Science	Ahmedabad, Bhubaneswar, Kochi**	2 years
7	B.E. / B.Tech. in Plastics Engineering / Technology	*Ahmedabad, *Bhubaneswar, Chennai, Jaipur, *Lucknow, Murthal, Raipur	4 Years
8	B.E. / B.Tech. in Manufacturing Engineering / Technology	Ahmedabad, *Bhubaneswar, Chennai, *Lucknow	4 Years
9	B Tech in Petrochemicals / Mechanical Engineering	Jaipur	4 Years
10	Post Graduate Diploma In Plastics Processing & Testing (PGD-PPT)	Ahmedabad, Amritsar, Aurangabad, Baddi, Balasore, Bhopal, Chennai, Guwahati, Haldia, Hajipur, Hyderabad, Lucknow, Murthal, Mysore, Raipur, Vijayawada.	2 years
11	Post Diploma In Plastics Mould Design With CAD/CAM (PD-PMD With CAD/CAM)	Aurangabad, Bhopal, Chennai, Hyderabad, Madurai, Murthal.	1.5 years
12	Diploma In Plastics Mould Technology (DPMT)	Agartala, Ahmedabad, Amritsar, Aurangabad, Baddi, Balasore, *Bhopal, Bhubaneswar, Chandrapur, Chennai, Dehradun, Guwahati, Gwalior, Haldia, *Hajipur, Hyderabad, Imphal, *Jaipur, *Kochi, Korba, Lucknow, Madurai, Murthal, Mysore, Raipur, Ranchi, Varanasi, Vijayawada.	3 years
13	Diploma In Plastics Technology (DPT)	Agartala, Ahmedabad, Amritsar, Aurangabad, Baddi, *Balasore, *Bhopal, Chandrapur, Chennai, Dehradun, Guwahati, Gwalior, Haldia, *Hajipur, Hyderabad, Imphal, *Jaipur, *Kochi, Korba, Lucknow, Madurai, Murthal, Mysore, Raipur, Ranchi, Varanasi, Vijayawada.	3 years

*NBA ACCREDITED

** NAAC ACCREDITED

The National Policy on Skill Development formulated by the Government of India aims to create a skilled nation with the youths empowered with improved skills, knowledge and internationally recognized qualifications to gain access to National / International employment and ensure India's competitiveness in the dynamic Global Labour market.

CIPET's mission is in line with the National Policy on Petrochemicals Sector in Skill Development - to increase trained manpower for catering to the demand of the industry and thus in turn increasing employability while contributing towards the Nation's growth. In order to cater to the needs of the ever-growing Plastics and allied industries nationally, CIPET has evolved a range of training programs. This has made us one of the Nationally recognized institute to provide workforce training which combines Skill Development Training Programs (SDTP) and Skill Upgradation Programs (SUP).

Some of the prominent sponsoring agencies:

- | | |
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| <ul style="list-style-type: none">➤ NBCFDC, New Delhi➤ NSFDC, New Delhi➤ MSME – NSICL, New Delhi under NSSH Scheme➤ MSDE, New Delhi – NSDC under PMKVY Scheme | <ul style="list-style-type: none">➤ GAIL (India) Limited, New Delhi➤ Power Finance Corporation Limited (PFC), New Delhi➤ SABIC India Private Limited, Gurugram➤ Coal India Limited (CIL), Head Quarters, Kolkata through their subsidiaries➤ Mazagon Dock Shipbuilders Limited (MDL), Mumbai |
|--|--|

Some of the Skill Development Courses offered at CIPET:

- Plastics Product & Mould Designer
- Machine Operator & Programmer – CNC Lathe / CNC Milling
- Advanced Plastics Mould Manufacturer
- Machine Operator – Injection Moulding / Plastics Processing
- Machine Operator – Plastics Extrusion / Blow Moulding
- Testing & QC for Plastics Materials & Products – Technician / Supervisor
- Machine Operator – Plastics Recycling
- Additive Manufacturing / 3D Printing

For more details please visit <https://www.cipet.gov.in/academics/vocational-training-program-overview.php> or Email to cipethovtc@cipet.gov.in



Click here or scan QR code for contact details of CIPET centres

<https://www.cipet.gov.in/contact-at-centres.php>

Prof. (Dr.) Shishir Sinha
Director General

Shri A.S.N. Murthy
Principal Director (Administration)

Dr. Syed Amanulla
Chief Manager (Technical)

Dr. Vishal Verma
Manager (Technical)

Dr. D. Sheeba J. Jasmine
Information & Documentation Officer



**If everyone is moving forward together,
then success takes care of itself...**



सिपेट CIPET

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Department of Chemicals & Petrochemicals
Ministry of Chemicals & Fertilizers
Govt. of India

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