



Central Institute of Petrochemicals Engineering & Technology (CIPET)

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



CIPET : CSTS - VARANASI



SEPTEMBER - 2024

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Prof. (Dr.) Kuruvilla Joseph – Professor, Registrar and Dean (Academics) of IIST, TVM delivered a Motivational talk encouraging women students to pursue Research in Science and Technology at Kochi centre on 3rd September, 2024.

Inauguration of the Induction program for first year UG Programs was organized at Chennai centre on 4th September, 2024.



PGD-PPT students from Aurangabad centre participated in the Online Seminar hosted by BAMU University for World Entrepreneurship Day, along with officials of CIPET and BAMU, ATAL Incubation Cell on 11th September, 2024.

Mr. Ramesh Pillutla – Founder & Director, Member of National Association of Foreign Student Adviser delivered a talk on “Study Abroad” at Chennai centre on 13th September, 2024.





Shri Machavallavan - Process Expert, Valeo India, Chennai gave an Expert Lecture on “Injection Molding Basic and Advance Process Training (2K & 3K & Scientific Molding)” on 18th September, 2024 at Chennai centre.

One day awareness program on “Adverse Drug Reaction” by NIPER, Hajipur at Hajipur centre on 19th September, 2024.



Students of Imphal centre attended One Day Entrepreneurship Awareness program which was organized in Association with MSME Manipur at Imphal centre on 19th September, 2024.

Ms. Debpritha Halder – Sr. Marketing Manager, Hulladek Recycling, Kolkata delivered a Lecture on “Recycling and E-Waste Management“ for the diploma students at Ranchi centre on 20th September, 2024.





The Institution’s Innovation Council of Ahmedabad IPT centre organized an Expert Lecture by Dr. Amit Singla - Joint Director & Regional Officer of Indian Institute of Packaging – Ahmedabad on “Opportunities and Avenues in the Field of Packaging” on 20th September, 2024.

Shri Nrupesh Shah – Area Manager (Sales & Marketing - Gujarat & Rajasthan), Prasad Group gave an Expert Lecture on “Application of Dehumidified Dryer in Plastic Processing” at Jaipur centre on 20th September, 2024.



Students participation in External Activities



Mr. S. Anbumani and Mr. Ratish – II Year, B.Tech. from Chennai centre participated in the District Level Athletics Competition “The Chief Minister Trophy Games – 2024” organized by Sports Development Authority of Tamil Nadu and Mr. S. Anbumani won Silver Medal in 3000 meters event on 11th September, 2024.



B.Tech. final year students of Raipur centre participated in “Envirothon-2024” organized at Pandit Deen Dayal Upadhyay Auditorium, Raipur on 16th September, 2024. Team received 1st & consolation prizes along with cash prize.



Two teams comprising of a total of five UG & PG (Engineering) students from Ahmedabad centre, under the mentorship of Dr. Kingshuk Dutta - Technical Officer, participated in the 2nd Edition of the Innovation Design and Entrepreneurship Bootcamp organized by Ministry of Education’s Innovation Cell & AICTE at SVNIT, Surat from 23rd to 27th September, 2024.

Students of Agartala centre participated in the Model and Poster Making Competition at the Academia Industry Conclave 2024, jointly organized by NITTTR Kolkata and Women's Polytechnic, Hapania, held at Women's Polytechnic, Hapania Agartala from 26th to 27th September, 2024. The following Posters / Models were presented.



Model of Automatic Assembly Unit for Processing Latex Sheet presented by Mr. Henok Debbarma & Mr. Nandan Roy, DPMT 5th Semester, Agartala centre



Model of Pyrolysis (Waste To Oil) presented by Ms. Katha Nath & Ms. Masia Debbarma from DPT 5th Semester, Agartala centre.



Model of Injection Moulding Machine presented by Mr. Raj Das, Mr. Ankit Ghosh & Mr. Rohit Debbarma from DPMT 5th Semester, Agartala centre.



Model of PET Recycling presented by Mr. Ritik Debbarma - DPMT 5th & Mr. Debarghya Pal - DPT 3rd Semester, Agartala centre.



Model of Mechanical Recycling of Plastics Waste presented by M/s. Ankita Pal - DPT 5th Semester & M/s. Kunal Paul - DPT 3rd Semester Agartala centre.

Poster making on “Sustainable waste management” by Mr. Raj Das from DPMT 5th semester, Agartala centre.



Poster making on “Stop littering and help breathing” by Ms. Ankita Pal from DPT 5th Semester, Agartala centre.

Foundation Day



Raipur centre celebrated “9th Foundation Day” on 2nd September, 2024 in the presence of Mrs. P.B.S. Usha - Deputy Commissioner, Kendriya Vidyalaya Sangathan, Regional Office, Raipur as Chief Guest along with Mr. Ravindra Kumar, Assistant Commissioner and Dr. Sanjeev Kumar Jain, Manager, CIPET Bhopal (Representative of CIPET-HO).

Fresher’s Day

Fresher’s Day was organized at CIPET centres to welcome the newly admitted students in which the senior and junior students performed a variety of programs.



At Baddi centre on 5th September, 2024.



At Haldia centre on 5th September, 2024.

Annual Day – Baddi

On the occasion of Annual Day, Parents meet, Brainstorming session, Alumni meet, Cultural programs and Prize were distributed at Baddi centre on 5th September, 2024. Ms. Ilma Afroz, I.P.S. – Superintendent of Police, Baddi participated in the event as chief guest.



Parents Meet



Brainstorming session



Alumni Meet



Cultural program



Prize Distribution

Annual Day – Guwahati

Annual Day “Bahniman-2024” was celebrated at Guwahati centre on 26th September, 2024.



Parents Meet



Alumni Meet



Cultural Programs



Tree Plantation



Concluding session

Wellness Program



At Korba centre on 14th September, 2024.

At Ahmedabad centre on 30th September, 2024.



Alumni Activities



Alumni interaction with students by Mr. Aditya Sahani (DPT 2016-19) & Mr. Sharath Raj (DPMT 2018-21) at Mysuru centre on 9th September, 2024.

National Sports Day

National Sports Day 2024 was celebrated at Korba centre from 26th to 31st August, 2024.



PlastIndia Meritorious Scholarship disbursed to 27 students of All India Rank Holders of Diploma Level Programmes for the Even Semester of 2023-24



Rank : 1

Mr. ANTONY RISON
DPT - II Semester
CIPET:IPT - KOCHI



Rank : 2

Mr. ASHWANI MAURYA
DPT - II Semester
CIPET:CSTS - DEHRADUN



Rank : 2

Ms. SUCHISMITA GHORAI
DPT - II Semester
CIPET:CSTS - HALDIA



Rank : 1

Ms. JIYA NEGI
DPT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 2

Mr. ABHAY SINGH
DPT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 3

Ms. PREETI DANU
DPT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 1

Mr. MANAS DAS
DPT - VI Semester
CIPET:CSTS - BALASORE



Rank : 1

Ms. DIPIKA JENA
DPT - VI Semester
CIPET:CSTS - BALASORE



Rank : 1

Mr. MANASPUTRA MOHANT
DPT - VI Semester
CIPET:CSTS - BALASORE



Rank : 1

Mr. VANSI
DPMT - II Semester
CIPET:CSTS - DEHRADUN



Rank : 2

Mr. ANKIT THAKUR
DPMT - II Semester
CIPET:CSTS - BADDI



Rank : 3

Mr. DEVESH DUTT SHARMA
DPMT - II Semester
CIPET:CSTS - VARANASI



Rank : 1

Ms. TANUSHREE
DPMT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 2

Ms. LAKSHIKA KISHORI BASIA
DPMT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 3

Ms. SAKSHI
DPMT - IV Semester
CIPET:CSTS - DEHRADUN



Rank : 1

Mr. EZHILARASAN A
DPMT - VI Semester
CIPET:CSTS - MADURAI



Rank : 2

Mr. VENUGOPAL R
DPMT - VI Semester
CIPET:CSTS - MADURAI



Rank : 3

Mr. SARAVANAN B
DPMT - VI Semester
CIPET:CSTS - MADURAI



Rank : 1

Mr. SURESH A
PD-PMD with CAD/CAM - II Sem
CIPET:CSTS - MADURAI



Rank : 2

Mr. SOWBER NIGAN R
PD-PMD with CAD/CAM - II Sem
CIPET:IPT - CHENNAI



Rank : 3

Mr. VISHWADOSS R
PD-PMD with CAD/CAM - II Sem
CIPET:IPT - CHENNAI



Rank : 1

Mr. SATYABRATA SINGH
PGD-PPT - II Semester
CIPET:CSTS - BALASORE



Rank : 2

Mr. BIKASH CHANDRA SAHOO
PGD-PPT - II Semester
CIPET:CSTS - BALASORE



Rank : 3

Mr. BRAJA GOPAL DUTTA
PGD-PPT - II Semester
CIPET:CSTS - BALASORE



Rank : 1

Mr. CHHOTU KUMAR
PGD-PPT - IV Semester
CIPET:CSTS - HALDIA



Rank : 2

Mr. YOGESH KUMAR
PGD-PPT - IV Semester
CIPET:CSTS - HYDERABAD



Rank : 2

Mr. TEJVEER YADAV
PGD-PPT - IV Semester
CIPET:CSTS - HYDERABAD

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

Arts Club



Speech was delivered by the students during Teachers' day at Balasore centre on 5th September, 2024.



Radio Mirchi, in collaboration with CIPET: IPT – Ahmedabad's Music & Performing Arts Clubs, organized Mirchi Freshers on 10th September, 2024.



On the occasion of Hindi Pakhawada, Poetry and Rangoli was organized by Balasore centre from 14th to 28th September, 2024.



On the occasion of Hindi Diwas, Hindi Poster Making competition was organized at Chandrapur centre on 18th September, 2024.



Hindi Dictation competition and awareness session on “Hindi Bhasha Ka Itihas” was organized at Chandrapur centre on 19th September, 2024.

Essay Writing on “Swachhta ka Mahatva” was organized at Chandrapur centre on 29th September, 2024.



Environment Club



Plantation drive under “Ek ped maa ke naam” was organized at Ranchi centre on 18th September, 2024.

Plantation drive was organized at Ahmedabad centre on 24th September, 2024.



Students and Faculty members plant the sapling for the celebration of “Hug a Vegetarian Day” at Madurai centre on 27th September, 2024.



Health & Wellness Club



Mrs. Kalaimani, Nurse from Primary Health Centre, Thiruvathavur Madurai delivered a lecture on “Awareness of Anemia” at Madurai centre on 12th September, 2024.



Free Thalassaemia test, dental checkup, Eye checkup camp was organized by Gujarat Technical University at Ahmedabad centre on 18th September, 2024.

Engineers club

Students from Madurai centre presented their Science Working Model (Canon, Wind Mill & Functioning of Lungs) also explained the working procedure and advantages of that model on 23rd September, 2024.



Music Club



On the occasion of Teachers Day, Cultural program was organized at Ranchi centre on 5th September, 2024.

Debate and Quiz Club



Debate & Quiz contest was organized by Hajipur centre on 11th September, 2024.



Debate competition on “Should Hindi be the National Language of India” at Ranchi centre on 26th September, 2024.

Reader’s Club



Essay Writing competition on “Hindi Ka Mahatwa” was organized at Ranchi centre on 20th September, 2024.



Volunteers club / NSS



On the occasion of Teacher's Day, students of Madurai centre delivered speeches and dance performance to honor the teachers on 5th September 2024.

Photography Club



Photographs taken by students of CIPET centres.



Photos captured by Mr. Debashis Samal - III year, DPMT and Mr. Subrat Pradhan – III year, DPT students from Balasore centre.

Photo captured by Mr. Mayank Tripathi – PGD-PPT – III student from Murthal centre.



Photographs on the theme “Leaf Photography” by Mr. Pankaj Lihare– II year DPT, Ms. Prachi Masram – II year DPT and Ms. Rakhi Pise – II year DPT students from Chandrapur centre



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

The Placement Department at each CIPET centre is regularly organizing visits to Industries for the students of Academic Programs as well as the Skill Training Programs 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 Chennai centre visited M/s. Steel Bird Helmet Factory, Baddi and M/s. Elin Electronics on 4th September, 2024.



Students from Kochi centre visited M/s. Aptiv Connection Systems India Pvt. Ltd., Arakkunnam on 4th September, 2024.



Students from Kochi centre visited M/s. Shakthiman Super PVC Pipes., M/s. Chloroplast Pvt. Ltd., M/s. Aqua Tech Tanks, M/s. Carris Pipes & Tubes Pvt. Ltd., and M/s. Aqua Tech Polymers Akanad, Mudakuzha P. O., Perumbavoor on 11th September, 2024.



Students of “Plastic Recycling and Waste Management” Program of Aurangabad centre at M/s. Suyog Industry & Tiny Industries, MIDC and M/s. Sadguru Plastics, MIDC, Waluj, Chhatrapati Sambhajinagar (Aurangabad) on 24th September, 2024.

Pre - Placement Activities

Pre-Placement activities for Academic Programs at Bhopal and Ahmedabad Centres.



Recruitment activity at CIPET centres....



M/s. Pran Beverage India Pvt. Ltd.,
for SDTP students at Agartala centre
on 5th September, 2024.



M/s. TATA Autocomp Ltd., Bangalore
for SDTP students at Bhubaneswar
CSTS centre on 12th September, 2024.



M/s. Sarvottam Polymers Pvt. Ltd.,
Dadra for SDTP students at Navsari
centre on 12th September, 2024.



M/s. Genus Power Infrastructure
Ltd., Guwahati at Guwahati centre
on 18th September, 2024.



M/s. NIFCO South India Manufacturing Pvt. Ltd., Bangalore for Diploma Students on 18th September, 2024 at Mysuru centre.



M/s. PROTEKZ, Bangalore for Diploma students on 20th September, 2024 at Mysuru centre.

M/s. Uno Minda Ltd., for Diploma students at Chennai centre on 27th September, 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 Korba centre at M/s. Mahindra & Mahindra Pune on 12th September, 2024.



MUNNA KUMAR GUPTA,
Quality In-Charge
Chaika Polymers, Ranchi
Email id: munnakumarg94@gmail.com
Mobil No - 9066698134

I would like to introduce myself Munna Kumar Gupta, Working as a Quality In-charge at M/s. Chaika Polymers, Ranchi. I have completed my Diploma in Plastics Technology (DPT) from CIPET: CSTS, Mysore Batch 2013-16.

I took admission at CIPET, Mysore in 2013 and from that day I was overwhelmed with the support and learning's from faculty. I gained knowledge from all the departments and done good throughout my college journey.

After the completion of my Diploma I got selected in M/s. Essel Enterprises, Pune (MH.) where I have worked 1 year and learnt a lot of things related to the my carrier. Then I joined M/s. Topline Pvt. Ltd., Patna in 2018 and worked for 4 years and gained good experience.

In 2023 I got selected in M/s. North East Polypipe, Guwahati (Assam) where I have worked for a year as Quality In-Charge in the Plastics Testing Lab. Presently, I am working at M/s. Chaika Polymers, Ranchi.

I am sharing my journey as a CIPETIAN and I want to advise present students that CIPET is a sea of knowledge so grab how much you can and apply in the right direction.

At Present I am having 7 years of work experience in the areas of Quality and getting a good salary from my company.

At Last, I am very thankful to the Team CIPET for giving us excellent knowledge, Training, Direction and Support. It was a golden Opportunity to select in such as Excellent Educational Organization.



Skill Training Program on “Fundamentals of Injection Moulding Technique” was conducted at Palakkad centre from 2nd to 4th September, 2024.



Five days Internship Training program on “Fundamentals of Plastics Technology” for students of Dwaraka Doss Goverdhan Doss Vaishnav College (Auto), Chennai was conducted at Chennai centre from 9th to 13th September, 2024.



Skill Training Program on “Fundamentals of Polymer Synthesis & Characterization Technique” was conducted at Palakkad centre from 17th to 20th September, 2024.

Tailor Made Course on “Testing and Quality Control of Micro Irrigation System Plastics Products used in Drip Irrigation & Sprinkler Irrigation Systems (PMKSY Scheme)” for Officials of the Department of Agriculture, Directorate of Horticulture, Govt. of Maharashtra, Pune was organized at Aurangabad centre from 20th to 21st September, 2024.





One Week Residential Tailor-made Course on "PP & HDPE Plastic Recycling" was conducted at Aurangabad centre from 23rd to 27th September, 2024.



Two days training programme on "Plastic Processing Technology (Injection Moulding & Blow Moulding Process)" was organized at Gwalior centre from 26th to 27th September, 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.

SDTP – Theory & Practical Session

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





SDTP – Inauguration



Shri S. Samantha – Senior General Manager and Shri Mohan Paswan, HR Dept., PowerGrid attended the Inaugural function of SDTP “MO-IM” sponsored by M/s. PowerGrid Corporation for India Limited, SS-Namkum, Ranchi at Ranchi centre on 5th September, 2024.

Distribution of uniform to the students of six months SDTP on “Machine Operator Plastic Processing” sponsored by M/s. MSME under NSSH through NSIC at Guwahati on 25th September, 2024.



Distribution of uniform to the students of six months SDTP on “Machine Operator Plastic Processing and Machine Operator Injection Molding” sponsored by M/s. IOCL Bongaigaon Refinery at Guwahati centre on 25th September, 2024.



Shri Ansil Khan L R – Industries Extension Officer, North Paravoor gave an Expert Lecture on "DIC Schemes for Aspiring Entrepreneurs & support from Central/State Govt. Agencies" for MO-PP, MO-IM batch supported by M/s. Petronet LNG Ltd., at Kochi centre on 2nd September, 2024.

SDTP students from Kochi centre supported by M/s. Petronet LNG Ltd., attended the Webinar on "Entrepreneurship Development Online Training Programme" by KIED on 7th September, 2024.



Pre Placement Training class for “MOPP” trainees sponsored by M/s. RSP, Rourkela at Bhubaneswar CSTS centre on 25th September, 2024.

Bhubaneswar IPT centre STC students participated in Kabi Sammilani as a part of “Hindi Pakhwada” on 28th September, 2024.





Inspection of SDTP by Shri Sudhir Mudahi - HR, Sr. Manager, Meja Urja Nigam (P) Ltd., (A Joint venture of NTPC Ltd. & UPRVUN Ltd.) at Lucknow centre on 2nd September, 2024.



Inspection of ongoing SDTP sponsored by M/s. TNSDC, Govt. of Tamilnadu by District Skill Training officer, Madurai at Madurai centre on 27th September, 2024.

SDTP – Assessment



Assessment of SDTP on “MO-PP” sponsored by M/s. MAPCET, Bhopal at Bhopal centre on 2nd September, 2024.

Assessment of SDTP on “MO-IM & MO-PE” sponsored by M/s. SECL, Bilaspur at Raipur centre from 9th to 10th September, 2024.



Assessment of SDTP on “MO-IM” sponsored by M/s. MAPCET, Bhopal at Bhopal centre on 2nd September, 2024.





Assessment of SDTP on “Machine Operator – Injection Moulding of Plastics” sponsored by M/s. PMKVY 4.0 at Agartala centre on 14th September, 2024.



Assessment of SDTP on “Advanced Plastics Mould Manufacturer” sponsored by M/s. TNSDC, Govt. of Tamilnadu, Chennai at Madurai centre on 20th September, 2024.



Assessment of SDTP on “Machine Operator Tool Room” sponsored by M/s. TNSDC, Govt. of Tamilnadu, Chennai at Madurai centre on 20th September, 2024.



Assessment of SDTP on “MO-IM” sponsored by M/s. Mangalore Refinery and Petrochemicals Ltd., Mangalore under CSR scheme at Mysuru centre from 24th September, 2024.



Assessment of SDTP on “MO-PP” sponsored by M/s. SECL, Bilaspur at Korba centre from 27th to 28th August, 2024.



Assessment of SDTP on “MOP-CNC Lathe” sponsored by M/s. SECL, Bilaspur at Korba centre from 27th to 28th August, 2024.



Assessment of SDTP on “MO-PP” sponsored by M/s. MAHAJYOTI, Nagpur at Aurangabad centre on 28th and 30th September, 2024.



Assessment of SDTP on “Testing and Quality Control for Plastic Material & Product Technician” sponsored by M/s. Maharashtra Industrial Township Ltd, Mumbai (AURIC) at Aurangabad centre on 28th and 30th September, 2024.



Assessment of SDTP on “MOA-IM” sponsored by M/s. ONGC at Agartala centre on 30th September, 2024.

SDTP – Valediction

Valedictory Function of SDTP on “MO-IM & MO-PE” sponsored by M/s. SECL, Bilaspur at Raipur centre on 10th September, 2024.





The delegates from M/s. Infosys Foundation (Akanksha), Bhubaneswar attended the valedictory function of SDTP sponsored by M/s. Infosys Foundation, Bhubaneswar at Bhubaneswar CSTS centre on 11th September, 2024.



The delegates from Rourkela Steel Plant (RSP), attended the valedictory function of SDTP sponsored by M/s RSP, Rourkela, at Bhubaneswar CSTS centre on 12th September, 2024.

Shri Rajnish Rastogi, Chief General Manager (HR), NTPC, Coal Mining Ltd., Ranchi attended the Valedictory function of SDTP on “MO-PP” sponsored by M/s. NTPC Mining Limited, Ranchi at Ranchi centre on 19th September, 2024.



Valedictory Function of SDTP on “MO-TR” sponsored by M/s. MCL, Sambalpur at Paradeep centre on 24th September, 2024.



Valedictory Function of SDTP on “MO-PP & MO-IM” sponsored by M/s. MAPCET, Bhopal at Bhopal centre on 25th September, 2024.



Valedictory Function of SDTP on “MO-IM” sponsored by M/s. Mangalore Refinery and Petrochemicals Ltd., Mangalore under CSR scheme at Mysuru centre from 25th September, 2024

Shri N S K Umesh, I.A.S. - District Collector, Ernakulam attended the Valedictory function of 'NAIPUNYAM' SDTP on “MO-IM” under CSR initiative of M/s. Petronet LNG Ltd., Kochi at Kochi centre on 25th September, 2024.



Valedictory Function of SDTP on “MO-PP” sponsored by M/s. SECL, Bilaspur at Korba centre on 28th August, 2024.

Valedictory Function of SDTP on “MOP-CNC Lathe” sponsored by M/s. SECL, Bilaspur at Korba centre on 28th August, 2024.



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



Product Name: 350ml HDPE Jar With Cap
Centre: Raipur



Product Name: Jerry Can Cap
Centre: Raipur



Product Name: 300ml PET Mould two cavity & 1ltr PET Blow Mould two cavity
Centre: Raipur



Product Name: Housing for Die Punch Holder
Centre: Raipur



Product Name: 18 Cavity Die Set for Clay Diya
Centre: Bhopal



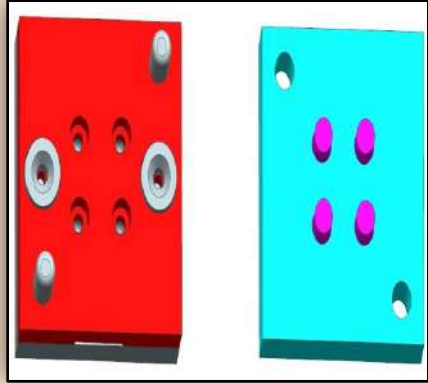
Product Name: Stainless steel cooling Nipple
Centre: Chandrapur



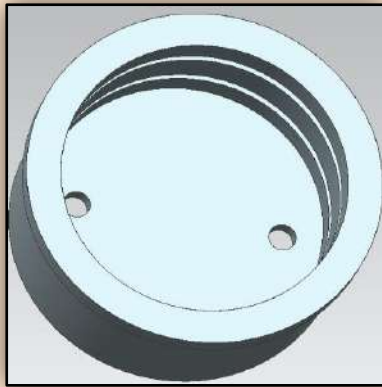
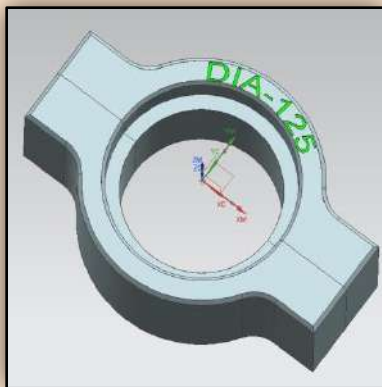
Product Name: Welder Quality Test Specimen
Centre: Madurai



Product Name: Four Cavity Injection Mould for Cover Gun Muzzle
Centre: Madurai



Design & Development of compression moulding Die for Pod Pin at Madurai centre



Design & Development of Hydrostatic Endfittings for Diameters ranging from 32mm to 125mm at Vijayawada centre

Research Articles

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<https://doi.org/10.1002/pat.6566>
7. T. Kavinkumar, N. Ramesh Reddy, Durga Prasad Pabba, Ananthakumar Ramadoss, Udayabhaskar Rednam, Shanmuga Sundar Dhanabalan, Natarajan Chidhambaram, Perumal Asaithambi, Samuel A. Hevia, Arun Thirumurugan; “Design of highly stable $\text{Co}_3\text{O}_4/\text{RGO}/\text{CoFe}_2\text{O}_4$ hybrid nanocomposites with multiple nanointerfaces for enhanced supercapacitor performance”; *Inorganic Chemistry Communications*, Volume 168, October 2024, 112920, Elsevier.
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8. Sourav Ganguly, Rahul Gope, Meeta Ashok Kamde, Santanu Pahari, P.C. Padhi; “Corrosion performance of naval brass in a simulated ocean water environment under different aqueous conditions”; *Materials Chemistry and Physics*, Volume 326, 15 October 2024, 129814, Elsevier.
<https://doi.org/10.1016/j.matchemphys.2024.129814>
9. Sakti Ranjan Acharya, Akshaya Kumar Palai, Smita Mohanty; “Flame retardant rigid polyurethane foam derived from biobased polyols and water as Co-blowing agent: Synergistic effect of expanded graphite and boron nitride”; *Materials Today Communications*, Volume 41, December 2024, 110278, Elsevier.
<https://doi.org/10.1016/j.mtcomm.2024.110278>
10. Naved Siraj, S.A.R. Hashmi and Sarika Verma; “Influence of modified halloysite nanotube on the properties of poly (ether ether ketone)”; *Journal of Materials Research*, Published: 02 May 2024, Volume 39, pages 1926–1934, (2024), Springer.
<https://doi.org/10.1557/s43578-024-01351-3>
11. Mahendra Kumar, Sushanta Kumar Samal, Tungabidya Maharana; “Conducting Polymers: An Approach Towards Flexible Supercapacitors”; *Polymer-Plastics Technology and Materials*, Published online: 25 September 2024, Taylor & Francis.
<https://doi.org/10.1080/25740881.2024.2406507>

Book Chapter

1. Shruti Kannan, Arun Thirumurugan, Ranjith Krishna Pai, Ananthakumar Ramadoss*; Chapter-02, Vol 1: Benchmarking Electrode Materials for High Energy Lithium Ion batteries, Nanostructured Materials for Energy Storage, First published: 16 August 2024, Wiley-VCH GmbH.
<https://doi.org/10.1002/9783527838851.ch2>
2. Arun Thirumurugan, Shajahan Shanavas, Shanmuga Sundar Dhanabalan, Natarajan Chidhambaram, Suyambrakasam Gobalakrishnan, Nagarajan Dineshbabu, Rednam Udayabhaskar, Shruti Kannan, Mauricio J. Morel, Ananthakumar Ramadoss*; Chapter-39, Vol 2: Core–Shell Structured Nanomaterials for High-Performance Supercapacitors, Nanostructured Materials for Energy Storage, First published: 16 August 2024, Wiley-VCH GmbH.
<https://doi.org/10.1002/9783527838851.ch39>
3. Arun Thirumurugan, Ranjith Krishna Pai, Carolina Venegas Abarzúa, Rednam Udayabhaskar, Mauricio J. Morel, Ananthakumar Ramadoss*; Chapter-40, Vol 2: Bio-Inspired Nanomaterials for High-Performance Supercapacitors: Recent Developments and Future Scope, Nanostructured Materials for Energy Storage, First published: 16 August 2024, Wiley-VCH GmbH.
<https://doi.org/10.1002/9783527838851.ch40>

Ph.D. Completion

Shri K.A Rajesh, Joint Director & Head, CIPET: IPT - Kochi has presented his Ph.D. dissertation titled “Development of Toughened Poly(lactic acid) based sustainable blends for 3D printing and Biocomposites of PLA with Epoxidised Neem Oil and Coir Fibre” at Cochin University Of Science & Technology(CUSAT) under the supervision of Dr. T.O. Varghese during his open defence and viva voce on 3rd September, 2024 and was recommended for the award of Ph.D. Degree.

The following officials of CIPET have been listed in 2% Top Scientist in the World in the domain of “**Polymers**” & “**Applied Physics and Nanoscience and Nanotechnology**” as per the study by Elsevier and Stanford University.

Source: <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/7>



Dr. Smita Mohanty

Principal Director & Head / Sr. Principal Scientist,
CIPET:SARP – LARPM, Bhubaneswar



Dr. Kingshuk Dutta

Technical Officer,
CIPET: IPT – Ahmedabad.



Dr. R. Ananthakumar

Scientist,
CIPET:SARP - ARSTPS, Chennai



Pre-Comprehensive viva of Shri G Radhakrishna before the doctoral committee was held at SARP:APDDRL, Bengaluru on 27th September, 2024.

Incubation Cell

Mr. Ananth Ram N – Gantham Ventures Pvt. Ltd., Incubatee at SARP:ARSTPS, Chennai delivered an Awareness Lecture on Creation of a Start-up for the benefit of CIPET:IPT, Chennai students.



New Patent Granted

Sl. No.	Title of Invention	Patent No.	Patentee	Date of Grant
1	Sharps Disposal Container with the Provision for Decontamination at Source	550118	1. Central Institute of Petrochemicals Engineering and Technology (CIPET) 2. Sri Ramachandra University	12-09-2024

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	CIPET:SARP: APDDRL - Bengaluru
2	Technology for Efficient Power Generation through Floating Solar Photovoltaics at High Latitude Locations	DST-SERD	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 Ltd.	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, Govt. of India	CIPET:SARP: ARSTPS - Chennai
8	DST-Storage MAP: Development of Solid-state Batteries via 3D Printing Technology	DST-ICMAP, Govt. of India	CIPET:SARP: ARSTPS - Chennai

The details of the On-going Sponsored Research Projects:

Sl. No.	Name of the Project	Sponsoring Agency	CIPET Centre
9	Tuning of In-Plane 3D Porous Efficient Electrodes for Microsupercapacitors	DST-DAAD, Govt. of India	CIPET:SARP: ARSTPS - Chennai
10	Scalable Micro Porous Polymer Film as a Separator for Secondary Lithium Battery Applications	DST, Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
11	Study on Accelerated Method development for Biodegradability of Polyolefins and Compostable plastics	M/s. Reliance Industries Ltd.	CIPET:SARP: LARPM - Bhubaneswar
12	Development of Polypacked Bitumen	BPCL	CIPET:SARP: LARPM - Bhubaneswar
13	A Study on Quantitative and Qualitative determination of recycled content in Post-Consumer Recycled (PCR) Blends.	M/s. Uflex Ltd.	CIPET:SARP: LARPM - Bhubaneswar
14	Designing Innovative Recycling Process for Multilayer Packaging (MLP) waste using selective Thermosolvolytic Process	M/s. Uflex Ltd.	CIPET:SARP: LARPM - Bhubaneswar
15	Capacity Building for reducing Plastic & Chemical Pollution in India (INOPOL-2) – Focus on Coastal belt of Uttarakhand & Chennai	NIVA	CIPET:SARP: LARPM - Bhubaneswar

The details of the On-going Sponsored Research Projects:

Sl. No.	Name of the Project	Sponsoring Agency	CIPET Centre
16	Competency enhancement of system houses and micro, small and medium enterprises in the foam manufacturing sector	UNDP	CIPET:SARP: LARPM - Bhubaneswar
17	Development of Plastic Sleeper as per RDSO requirement	M/s. JCL Infra Pvt. Ltd.	CIPET:SARP: LARPM - Bhubaneswar
18	Centre of Excellence on Additive Manufacturing	MeitY Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
19	Manufacturing of Next generation Biomedical Devices	DCPC, Govt. of India	CIPET:SARP: LARPM - Bhubaneswar
20	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
21	To develop a high barrier compostable film for cigarette pack overwrapping application.	M/s. ITC Ltd.	CIPET:SARP: LARPM - Bhubaneswar
22	To Develop a high barrier biodegradable Film for cigarette pack overwrapping application.	M/s. ITC Ltd.	CIPET:SARP: LARPM - Bhubaneswar
23	Superabsorbent of bio-based material for feminine hygiene application	DST Inspire	CIPET:SARP: LARPM - Bhubaneswar



Between Chennai centre and Chennai Petroleum Corporation Ltd., for conducting Skill Development Training Programme on “Machine Operator – Plastics Processing” for 40 candidates under CSR on 5th September, 2024.

Between Chennai centre and Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai for the benefit of faculty & student fraternity in terms of Training, Placement, Consultancy, R&D and other academic activities on 12th September, 2024.



Between Vijayawada centre and PB Siddhartha Arts & Science college, Vijayawada for Skill Up gradation Programs & Exchange of Knowledge on 12th September, 2024.

Between Bhubaneswar CSTS centre and Oil India Limited (OIL), New Delhi for conducting Skill Development Training Programme for the FY 2024-25 on 19th September, 2024.





Between Navsari centre and Nuclear Power Corporation of India Limited (NPCIL)-TMA Tarapur Maharashtra Site for conducting 6-month SDTP entitled Machine Operator - Plastic Processing & Tool Room and Machine Operator & Programmer - CNC Lathe & CNC Milling on 27th September, 2024.

Industry Interaction



Organized by Raipur centre on 2nd September, 2024.



Organized by Baddi centre on 5th September, 2024.



Organized by Aurangabad centre on 20th September, 2024.



Organized by Raipur centre on 26th September, 2024.



Organized by Korba centre on 27th September, 2024.



Organized by Ranchi centre on 27th September, 2024.



Organized by SARP:APDDRL, Bengaluru on 27th September, 2024.



Organized by Gwalior centre on 27th September, 2024.



Organized by SARP:LARPM, Bhubaneswar on 29th September, 2024.



Organized by Hajipur centre on 30th September, 2024.



Mysuru centre conducted seminar on “Discouraging of various single use plastic & Curb the use of Single-use plastic” on 4th September, 2024.

Dr. P. C. Padhi – Chief Manager (T), Bhubaneswar IPT centre attended as an expert speaker for Roundtable discussion at KIIT, Bhubaneswar on 11th September, 2024 in the panel discussion on the topic “Clean Air and Decarbonizing Industries” by SwitchON Foundation.



Dr. K.P Bhuvana – Manager (Technical) and Shri R Gurumoorthi, Kochi centre participated in 3rd Stakeholders Consultation workshop on “Biomedical Device Technology” organized by Department of Science and Technology(DST), New Delhi at SCTIMST, Thiruvananthapuram on 11th September, 2024.



Dr. R. Ananthakumar – Scientist, SARP:ARSTPS, Chennai delivered a Invited Talk on ‘3D Nanostructured Transition Metal Nitrides for Electrochemical Energy Storage’ during the 1st Global Conference on Advanced Materials and Processing organized by Sri Sairam Engineering College, Chennai from 12th to 13th September, 2024.



Shri Rubul Dutta – Technician Gr.-II and Mrs. Susmita Choudhary – STA, Guwahati centre visited Nalbari Polytechnic and briefed about internship courses on “CAD and Tool Room in Guwahati centre” on 12th September, 2024.

Shri Arunav Banerjee – Technical Officer, Agartala centre attended the Stakeholders' Roundtable Meet on Logistics at Department of Industries & Commerce Agartala which was organized by CII on 13th September, 2024.



Dr. T. Siva – Sr. Research Associate, SARP:ARSTPS, Chennai participated in the IP Awareness / Training program under (Online) ‘National Intellectual Property Awareness Mission’ organized by Intellectual Property Office, India on 18th September, 2024.



A Workshop on “Drinking Water Purification: Unveiling Innovations” organized by CTEF INNOVEX Cell, SARP:LARPM, Bhubaneswar on 23rd September, 2024.



A Workshop on “Polymer Characterization organized by SARP APDDRL, Bengaluru and Waters/TA Instruments on 23rd September, 2024.



One day workshop on “Analysis & Characterization of Plastic Product” for 31 nos. B.Tech. students of Parala Maharaja Engineering College (PMEC), Berhampur, Govt. of Odisha was conducted at Bhubaneswar IPT centre on 25th September, 2024.

Dr. Smita Mohanty – Principal Director & Head / Sr. Principal Scientist, SARP: LARPM, Bhubaneswar attended a meeting and gave a presentation on “The implementation of technology conversion and transition to non-HCFC low GWP alternative technologies in the Foam Manufacturing Sector” organised by MoEF&CC, Govt. of India at Mammalapuram, Tamil Nadu on 25th September, 2024.

One day workshop (hybrid mode) on “Polymer Characterisation” was organised by TA instruments in collaboration with SARP:APDDRL, Bengaluru on 27th September, 2024 in which all the CIPET centres participated..

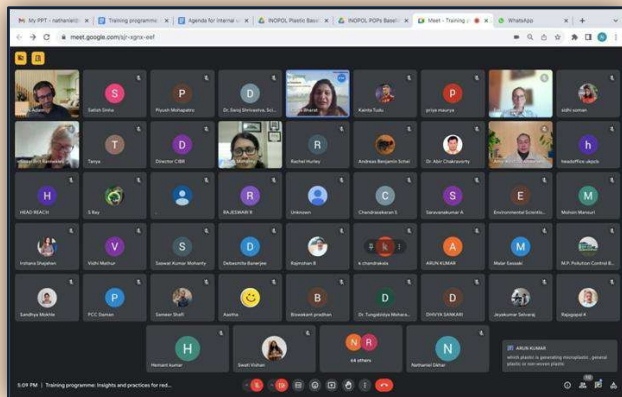


Officials from Agartala centre attended the NEC VISION PLAN 2047 State Level Consultative Meeting organized by NEDFi and North Eastern Council (NEC) at Agartala on 27th September, 2024.



Seminar on Petrochemicals Engineering and its Career Opportunity was organized for the career aspirants at Imphal centre on 28th September, 2024.

Dr. Smita Mohanty – Principal Director & Head / Sr. Principal Scientist, SARP: LARPM, Bhubaneswar attended the “INOPOL Phase 2 Meeting on Plastics Baseline Report – Regulatory Perspectives, Key Challenges & Way Forward” on 30th September, 2024.



Ms. Shruti – Project Associate-I and Shri Vijay Singh V – Project Asst., SARP:ARSTPS, Chennai participated in the Webinar on ‘Options for Post Processing’ hosted by HP as part of “HP's Beyond the Forge: A Metal 3D Printing Series” during the month of September, 2024.

Dr. Kingshuk Dutta - Technical Officer & Dr. Srikant Tiwari - Assistant Professor of Ahmedabad IPT centre successfully completed the ‘Foundation Level’ of the Innovation Ambassador training conducted in online mode by the Innovation Cell of Ministry of Education, GoI and AICTE

Awareness Exposure



Bhubaneswar CSTS centre conducted Awareness program at Govt. Polytechnic College, Jamugaon, near Mundalo, Naugaon, Jagatsinghpur on 20th September, 2024.



Two days training on “Uncertainty of measurement and Risk management” as per ISO/IEC 17025 at Guwahati centre from 3rd to 4th September, 2024.



Smt Anupriya Patel - Hon'ble minister of State, Ministry of Health & Family Welfare and Chemicals & Fertilizers, Govt. of India and Ms. Nivedita Shukla Verma, I.A.S. – Secretary, DCPC, Govt. of India visited Bhubaneswar IPT centre and SARP: LARPM, Bhubaneswar on 6th September, 2024 and reviewed the activities and programs of CIPET.



SARP:APDDRL, Bengaluru team briefed about the Plastics Recycling Centre, CIPET:PEWMC, Kudlu to Shri Tejasvi Surya – Hon’ble Member of Parliament and Shri Satish Reddy – Hon’ble Member of Legislative Assembly on 4th September, 2024.



Annual Family Get Together was organized by Family Welfare Committee of Guwahati centre at Alfresco Grand river cruise on 8th September, 2024.



Palakkad centre conducted orientation program on “Plastic recycling and waste Management” at Jyothi Engineering College, Thrissur on 9th September, 2024.



Agartala centre was honored with the SHIKSHA SANMMAN 2024 award in recognition of providing Quality Education. The award was presented by the Techno College of Engineering, Agartala in the presence of Shri Animesh Debbarma – Hon'ble Minister for the Department of Science, Technology & Environment, Govt .of Tripura, along with other distinguished guests on 9th September, 2024



Local Inspection Committee from Vishvesvaraya Technological University visited SARP:APDDRL, Bengaluru for the continuation of recognition as Research centre on 10th September, 2024.

Raipur centre participated in one day workshop for officers of NSS organized at CSVTU, Bhilai on 12th September, 2024.



BIS, Jammu Kashmir Branch Office (JKBO) organized a one day workshop for thinkers and Scientists from Standards clubs of Amritsar and Tarn Taran distt. Of Punjab at Amritsar centre on 12th September, 2024.

Dr. Bairavi Joshi and team from the Waste Management Department, ONGO, Navsari, visited Navsari centre on 12th September, 2024.



Team SARP:ARSTPS, Chennai participated in the Lecture on “Ethics and Governance” given by Mr. Vimal Thiagarajan – Founder : Be Positive Training Academy & Be Positive Consultancy, as a part of the Observance of Vigilance Awareness Week 2024 organized by Chennai centre on 12th September, 2024.



143rd Meeting of Governing Council of CIPET was organized under the Chairmanship of Ms. Nivedita Shukla Verma, I.A.S. - Secretary to the Govt. of India, Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers and President – CIPET Governing Council at Delhi on 13th September, 2024.

Prof. (Dr.) K. K. Pant - Director, IIT Roorkee visited the facilities of SARP:ARSTPS, Chennai on 13th September, 2024.



Engineer's Day was observed at Mysuru centre on 14th September, 2024 honored to welcome Shri Mohan Singh Proprietor Mohan Engineering, Yelawala, Mysuru.



NABL Assessment Team visited Lucknow centre for NABL Re-Assessment of Calibration Laboratory in accordance with ISO/IEC 17025:2017 from 14th to 17th September, 2024.

Shri P Vijaya Kumar – Joint Director and Head, Agartala centre attended as the Chief Guest on 57th Engineers Day celebration at ICFAI University, Tripura on 16th September 2024.



Shri Shreeshail Malge - Joint Secretary, MSDE, Govt. of India along with senior officials from Regional Directorate of Skill Development and Entrepreneurship, Ranchi visited Ranchi centre on 17th September, 2024.

Raipur centre and National Institute of Technology (NIT), Raipur jointly organized a one day workshop on "Green technology approach to environmental management & climate change mitigation" on 18th September, 2024.





Team from Mercedes Benz Research & Development India Pvt. Ltd., visited SARP:APDDRL, Bengaluru to review their ongoing project and discuss about the upcoming potential projects on 18th September, 2024.

Shri Suresh Warade – Asst. Commissioner, Skill Development Employment Entrepreneurship & Innovation Dept, Govt. of Maharashtra visited Aurangabad centre for identifying Aurangabad centre as a Skill Centre under Acharya Chanakya Scheme 2024 on 19th September, 2024.



Prof. Vivek Verma, IIT, Kanpur visited SARP:LARPM, Bhubaneswar on 19th September, 2024.

Shri P. Arumugam – Director of Training, along with Shri G Umasankar – Deputy Director (RIDT) i/c, and Shri A. J. Jose - Deputy RPC i/c, from the National Institute for Rubber Training under Rubber Board (NIRT), Ministry of Commerce and Industry, Govt. of India, Kerala visited Agartala centre on 19th September, 2024.



Dr. R. Ananthakumar – Scientist, SARP:ARSTPS, Chennai attended as External Examiner for Ph.D. Viva-voce Examination at SRMIST, Chennai on 20th September, 2024.



Dr. Harekrishna Deka – Centre In-Charge, Guwahati centre interacted with Dr. Sukanta Majumdar – Minister of State, Ministry of DONER, Govt. of India at a programme at NIPER, Guwahati on 20th September, 2024.

Dr. Sandesh Kumar Jain – Principal Director & Head, Bhopal centre visited M/s. Sai Machine Tools Pvt. Ltd., Indore on 21st September, 2024.



Students along with faculty from Raipur centre attended the “National Service Scheme State Level Foundation Day and Honor Ceremony” which was organized at Indira Gandhi Agricultural University, Raipur, in the august presence of Shri Vishnu Deo Sai - Hon'ble Chief Minister of Chhattisgarh on 23rd September, 2024.



Blood Donation Camp and Eye checkup camp was organized at Korba centre on 24th September, 2024.



Exposure visit was organized for Career Guidance Counselors (6 officials) from Tamil Nadu Government Model Schools at Chennai centre on 24th September, 2024.



Shri Suryawanshi Mayur Vikas, I.A.S. – Collector & District Magistrate, Balasore visited Balasore centre interacted with students on 25th September, 2024.



Dr. Sandesh Kumar Jain – Principal Director & Head, Bhopal centre participated in the ‘Regional Industry Conclave’, Sagar (MP) as a panelist for the “Thematic session on opportunities in Petrochemical sector” which was organized by MPIDCL along with two officials on 27th September, 2024.



Aurangabad centre participated in the mega event on "Exploring a Just and Inclusive EV Transition for Maharashtra's MSMEs" at Marathwada Auto Cluster, Aurangabad, chaired by Mrs. Mousam Choudhury – Sr. Technical Officer, Aurangabad centre and discussed avenues on Polymer Composites / Nanocomposites in the areas of Automotive industries for smooth and effective transition of MSMEs in Maharashtra on 26th September, 2024.

Blood Donation Camp was conducted by Guwahati centre for staff & students at its own premises in association with Narayana Hospital, Guwahati on 30th September, 2024.



Dr. Sandesh Kumar Jain – Principal Director & Head, Bhopal centre had discussion with Shri Chetanyakashyap – Hon'ble Minister, DOMSME, Govt. of Madhya Pradesh on 30th September, 2024.

Prof. Shamsher – Vice Chancellor, Harcourt Butler Technical University (HBTU), Kanpur visited the facilities of SARP:ARSTPS, Chennai on 30th September, 2024.





Prof. (Dr.) Shishir Sinha – Director General, CIPET along with CIPET officials participated in “11th Speciality Films & Flexible Packaging Global Summit - 2024” organized by ElitePlus ++ supported by Department of Chemicals & Petrochemicals at Mumbai from 30th September to 1st October, 2024.

Dr. K. Prakalathan – Director & Head and Dr. Nalini R , Manager (T), Madurai centre participated in Industry Interaction meet at Kutralam on 31st August, 2024.



Official Language Meeting



A meeting of the Departmental Hindi Official Language Committee was organized at Jaipur centre on 13th September, 2024

Shri Anirban Kumar Biswas - Deputy Director, Hindi Official Language Implementation Committee visited Madurai centre on 24th September, 2024 and Hindi Implementation Inspection was conducted for the year 2023-24.



As per the directives of DCPC, GoI, "Swachhta Pakhwada" observed by CIPET Head office and its centres from 1st to 15th September, 2024.





As per the directives of DCPC, GoI, "Swachhta Hi Seva" observed by CIPET Head office and its centres from 17th September, 2024 to 1st October, 2024.





Teacher's Day was observed at CIPET Centres across the country on 5th September, 2024.



Onam was celebrated at Kochi centre and Palakkad centre on 12th and 13th September, 2024.



“Hindi Pakhwada” and Hindi day was observed observed by CIPET Head office and its centres from 14th to 28th September, 2024.





#Plant4 Mother 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.





Guwahati centre participated in “Potential North East” exhibition at Delhi from 12th to 14th September, 2024.



Guwahati centre participated in the “North East Plast Expo 2024” at Sarusajai Stadium from 12th to 15th September, 2024.



Agartala centre participated in the Academia Industry Conclave 2024, jointly organized by NITTTR Kolkata and Women's Polytechnic, Hapania, at Agartala from 26th to 27th September, 2024.

Jaipur centre participated in “Infra – Medi Expo 2024” Exhibition organized at Udaipur from 26th to 28th September, 2024.



CIPET participated in “11th Speciality Films & Flexible Packaging Global Summit - 2024” at Mumbai from 30th September to 1st October, 2024.



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, Bhagalpur, 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, Bhagalpur, 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 |
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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)

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



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