



Central Institute of Petrochemicals Engineering & Technology (CIPET)

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



75
आज़ादी का
अमृत महोत्सव



November 2022

Dedicated service to the nation since 1968...

1. Major Highlights
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Major Highlights

Dr. Mansukh Mandaviya - Hon'ble Minister of Health & Family Welfare and Chemicals & Fertilizers, Government of India and Shri Bhagwanth Khuba - Hon'ble Minister of State for Chemicals & Fertilizers and New & Renewable Energy, Government of India inaugurated CIPET Stall during "India Chem 2022" on 02nd November, 2022 at New Delhi.



The Academic life at CIPET encompasses of regular academic activities, technical symposium, special invited lectures, sports activities and other extra-curricular activities. Students are encouraged to participate in various competitions. A glimpse into the academic life @ CIPET centres ...

Technical Symposium “TEPIC 22” was organized
at Chennai centre on 11th November, 2022



TEPIC'22 - an Inter-College Technical Symposium was organized by the Undergraduate Engineering students of CIPET: IPT - Chennai on 11th November, 2022 at Chennai centre. TEPIC'22 encompasses of the events of the two the departments of Chennai IPT centre, viz. PHENOLICS'22 - the Department of Plastics Technology and FACTUREZ'22 - the Manufacturing Engineering. Various technical and non-technical events were conducted by both the departments.

The symposium was inaugurated by Prof. (Dr.) Shishir Sinha – Director General, CIPET. Shri Pankaj Mishra – Principal Director & Head, CIPET-Chennai and Dr. Syed Amanulla – Principal – CIPET Chennai were present along with all the faculties of the centre. UG/PG students and research scholars from various departments of colleges in and around Chennai actively participated in the event.



The below mentioned technical events were organized by the Department of Plastics Technology & Manufacturing Engineering:

- Paper Presentation
- Poster Presentation
- Trial by Trivia
- Plastic Core
- Just in Time
- Mind Martians
- Wacky Art
- Paper Presentation
- Technical Quiz
- Mr/Ms Machinist
- Design like a pro
- Assembly/Disassembly
- Arteology



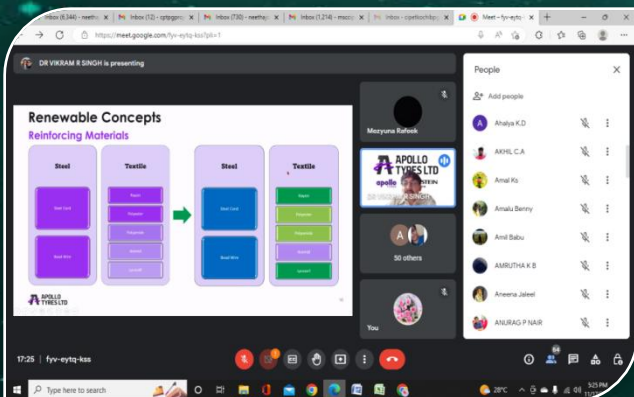
Shri Runit Marda - Managing Director, M/s. Gautam Plastics & Industries - Bilaspur, Chhatisgarh delivered lecture at the seminar on "Industrial Management & Entrepreneurship" which was conducted for final year students of Bhopal centre on 14th November, 2022.





Lecture on “3D Printing” was delivered on behalf of M/s. Naandi - Mahendra foundations for 2 weeks on 2 hrs./day basis at final year undergraduate engineering students at Chennai centre from 14th November, 2022 onwards.

Shri Nitin Khare - M/s. Prasad Group, Ahmedabad delivered lecture at the technical seminar organized for the final year students at Bhopal centre on 16th November, 2022.



Dr. Vikram R. Singh, Senior Specialist - Compound Development Apollo Tyres Ltd., Netherland delivered a special lecture on “Tire Compound Designing for Greener & Sustainable Future” on 17th November, 2022 for M.Sc. students at Kochi centre.

Mr. Renjith Sasi B , Design Engineer Rayhans Precision Tools Pvt. Ltd., Kakkanad, Kochi delivered a special lecture on “DESIGN, DEVELOPMENT & ANALYSIS OF PLASTIC MOULD” on 26th November, 2022 for the final year DPMT students at Kochi centre.



Student Induction Programme (SIP)



Students Induction Program (SIP) for Undergraduate Engineering Students for the Academic Year 2022-23 at Chennai centre on 09th November, 2022.



Students Induction Program (SIP) for Undergraduate Engineering Students for the Academic Year 2022-23 at Bhubaneswar IPT centre on 21st November, 2022.



Student Achievements



Shri Kaustuv Mohanty - DPMT III Year, Bhubaneswar CSTS centre participated in 14th National Kung Fu Championship held at Lucknow from 15th to 23rd November, 2022 and won Silver Medal.



Ms. Inca Moirangthem (DPT V Semester) receiving the cash Prize on behalf of CIPET Imphal Team - 'Startup Team Eco Youth' (Team member names- Ms. Valena Heisnam, Mr. Tom Regunlung & Mr. Manish Kumar of DPT V Semester) - from the Honorable Chief Minister of Manipur on 12th November, 2022 for winning the 1st Position at 'Techstars Startup Weekend Imphal' organised by Manipur Institute of Technology (MIT) at Manipur University.



Ms. Varsha K - II Year, B.Tech. (PT), Chennai centre participated in Drestein'22, event organised by Saveetha Engineering College, Chennai on 18th November, 2022 and bagged the following prizes:

- (i) Chem Bridge - 1st prize
- (ii) Clash Escape - 3rd prize

Student Achievements



Team Members :Mr. Manivasu R, Mr. Ramanrajan , Mr. Harish P, Mr. Kirubakaran S, Mr. Narasimman S, Mr. Naveen V, Mr. Johnson P, Mr. Shahul Hameed M, Mr. Balakrishnan P - II & III Year, B.Tech. (PT) students participated in KABADDI ZONAL MATCH on 18th November, 2022 at Jeppiar College of Engineering, Chennai.



ITI Trainees at Bhubaneswar CSTS campus have outperformed in the "Regional ITI Fest - 2022" hosted by Govt. ITI Bhubaneswar by winning first prize in the Football Tournament, 400 Mtr Race & Shot put and won third prize in 100 mtr Race on 26th November, 2022.

Pre-Placement Trainings



Pre-placement Training by T.I.M.E Institution, Bhubaneswar for the students of Bhubaneswar IPT centre was conducted on 15th November, 2022.



M/s..Rubicon Skill Development Pvt. Ltd. organized a three day training program on " Interview Skills" for B.Tech. Final Year students of Lucknow centre supported by Barclays from 17th to 19th November, 2022 at CIPET: IPT – Lucknow.



As a part of Industrial Visit, the Final year students of DPT & DPMT courses at Ranchi centre visited M/s Chaika Polymers Pvt. Ltd, Ranchi & Shiva Prints Pvt Ltd. Ranchi on 8th November, 2022.



Industrial visit for “Machine Operator injection Moulding” course of Palakkad centre at M/s. Duropack Industries, Thrissur on 24th November, 2022.



Industrial Visit for beneficiaries of Skill Development Training Program – “Machine Operator-Injection Moulding” & “Machine Operator-Plastic Processing” sponsored by MAHAJYOTI, Govt. of Maharashtra at M/s Coatall Films, Shendra MIDC, Aurangabad on 26th November, 2022.

Placement Activities



M/s. Hettich India Pvt. Ltd. ,Indore
Conducted Campus Interview for final
year Candidates of diploma programs
on 14th November, 2022 at Bhopal
centre.

Campus Drive by M/s. Yanfeng
Automotive Interior Systems Co., Ltd.,
Pune for Skill Development Trainees on
16th November, 2022 at Bhubaneswar
CSTS Centre.



Placement Drive conducted by M/s.
Mitechoplast Pvt. Ltd, Pune at Hajipur
centre on 18th November, 2022.

Campus Placement Drive organised by
M/s. Minda Corporation Limited,
Gautam Budh Nagar, U.P., for the final
year students of DPT on 18th
November, 2022 at Jaipur centre.



Placement Activities



Placement Drive conducted by M/s. SAS Polymers Pvt. Ltd, Nagpur on 21st November, 2022 at Hajipur centre.

Campus Interview by M/s. Paras Agro Plast Pvt. Ltd. Chikhli, Bilimora – Gujarat on 23rd November, 2022 at Navsari centre.



Campus Drive by M/s. Datwyler Pharma Packaging India Pvt. Ltd., Satara for Skill Development Trainees on 23rd November, 2022 at Bhubaneswar CSTS centre.



Campus Drive by M/s. Emax Manufacturing Pvt. Ltd, Pondicherry for Skill Development Trainees on 24th November, 2022 at Bhubaneswar CSTS centre.

Placement Activities



Placement Drive by M/s. Plastic Omnium Auto Exterior India Pvt Ltd., Pune for the MAHAJYOTI, Govt. of Maharashtra sponsored candidates of MO-IM / MO-PP on 28th November, 2022 at Aurangabad centre.

Campus Drive by M/s. Motherson Mouds and Diecasting Ltd., IMT Manesar for Skill Development Trainees on 28th and 29th November, 2022 at Bhubaneswar CSTS centre.



Placement Drive conducted by M/s. Krishna maruti Ltd. Gujarat on 30th November, 2022 at Hajipur centre.

Annual Sports Meet

“A sound mind in a Sound Body”

Sports week has been organized at few CIPET centres...

Sports Activities were conducted from
09th to 21st November, 2022 at Raipur centre.



Annual Sports week was organized from
10th to 12th November, 2022 at Ranchi centre.



Annual Sports Meet

Annual Sports Meet-2022 was organized on 11th November, 2022 at Bhubaneswar CSTS centre.



Various Outdoor and Indoor sports /Games like Khoo- Kho, Volleyball, Cricket and Badminton were conducted for Students & Staff from 11th to 18th November, 2022 at Bhopal centre.



Annual Sports Meet



The Sports week was observed from 17th to 19th November, 2022. It was inaugurated by Mr. Akshat Thakur, Principal - Govt. Degree College, Brotiwala. The Indoor & Outdoor sports such as Carom, Chess, Volleyball, Shot-put, Cricket, etc. were conducted at Baddi Centre.



Sports Week Celebration at Haldia Centre from
15th to 18th November, 2022.



Annual Sports Week was conducted from
21st to 23rd November, 2022 at Hajipur centre.

Other Activities



In commemoration with M.P Formation Day, Elocution Competition was held on 01st November, 2022 in which around 30 students from first year participated at Bhopal centre.



Janjatiya Gaurav Divas was celebrated on 15th November, 2022 at Guwahati centre.





Fresher's Meet -2022 was conducted at Guwahati centre on 04th November, 2022.

"KAANTHAL" - FRESHER'S DAY 2022 was organized for the first year undergraduate students of Chennai centre on 25th November, 2022.



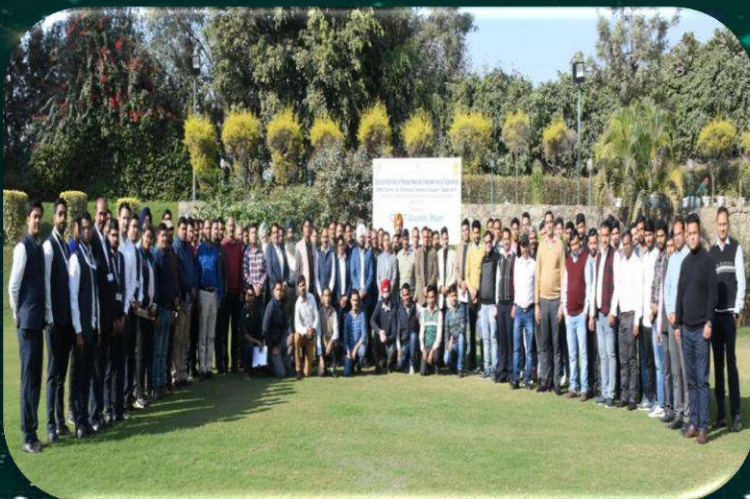
Alumni Meet



Raipur Centre
on 29th October, 2022.



Hajipur centre
on 05th November, 2022.



Baddi centre
on 29th November, 2022.

Short Term Programmes



Two days training program on “Mechanical & Permeability Testing of Plastics Films” was conducted from 02nd to 03rd November, 2022 at APDDRL – Bengaluru centre.

Short Term Training Program on “Thermal Properties Flammability (UL-94) & Limited Oxygen Index” was conducted on 10th & 11th November, 2022 for a participant from M/s. Thejo Engineering Pvt Ltd. R&D Centre, Ponneri at Chennai centre.



Tailor made Course on “Pipe Testing as per IS: 4984” was conducted for a participant from M/s. AGS Irrigation from 17th to 18th November, 2022 at Chennai centre.

One day workshop on “Career Opportunities in Plastics, Chemicals and Petrochemical sectors” was organized for the students of various educational institutions at Aurangabad centre as follows:

1. Sanjivani K.B.P. Polytechnic, Kopargaon on 18th November, 2022
2. M.G.M. Polytechnic, Aurangabad on 21st November, 2022
3. Mukul Mandir School, Aurangabad on 28th November, 2022
4. V B Kolte Patil College of Engineering Malkapur District Buldhana on 28th November, 2022.

Short Term Programmes



One day workshop on “CNC Milling and Its Applications” was conducted for the Students of Government ITI (Girls), Aurangabad on 18th November, 2022 at Aurangabad centre.

Seminar on “Plastics Waste Management” was conducted at Don Bosco School, Udaipur Tripura by the officials of Agartala centre on 21st November, 2022.



One day workshop on “Advanced CNC Machining Techniques” was organized for the students of Shramik Junior College, Sangamner, Nashik on 22nd November, 2022 at Aurangabad centre.



Two days workshop on the below mentioned topics were conducted for candidates from various Polytechnic / Degree Engineering Colleges from 23rd to 29th November, 2022 at Ranchi centre:

- (i) Basic Electrical and Industrial Wiring
- (ii) Advance Manufacturing Techniques
- (iii) Design using CAD/CAM Software



Short Term Programmes



One Day Workshop on “Innovative uses of Plastics Waste” was organized at Haldia centre on 24th November, 2022.

Short Term Course on “Plastic Processing Techniques” was conducted from 14th to 18th November, 2022 at Plakkad centre.



Skill Development

Interview & Selection process for selection of beneficiaries for Skill Development Training Program (6 months duration) on “Machine Operator – Plastics Processing” sponsored by Ministry of Micro, Small and Medium Enterprises, Govt. of India held on 14th November, 2022 at Aurangabad centre.



Shri Naresh Tyagi, Sr. Scientist - NBCFDC, Shri Pavan Kumar Bhimte -Dy. Director, Employment Exchange, Gwalior, Shri Ashish Murmu - Sr. Manager, Canara Bank, Gwalior along with the officials of Gwalior centre at Selection Committee meeting for SDTP “MOA-PP” sponsored by NBCFDC, New Delhi on 22nd November, 2022.



Inauguration of SDTP



Inauguration of Skill Development Training Programme for SC & ST unemployed youth supported by M/s. MSME, New Delhi through NSIC, New Delhi under National SC ST Hub (NSSH) Scheme on 18th November, 2022 at Vijayawada centre.

Inauguration of the first batch of "MO-PP" sponsored by Mahanadi Coalfield Limited (MCL) on 18th November, 2022 at Bhubaneswar IPT centre.



Shri Kaushal Kishore - General Manager & BUH, NSPCL, Rourkela attended the Inaugural function of Skill Development Training Programme "MO-PP" sponsored by NSPCL, Rourkela on 21st November, 2022 at Bhubaneswar CSTS centre.

Inauguration of SDTP



Shri Rameswar Ram, Field Organizer, Bihar State Scheduled Castes Co-operative Development Corporation Ltd. Inaugurated the Skill Development Training Programme “Machine Operator Assistant - Blow Moulding (MOA-BM)” sponsored by NSFDC, New Delhi on 22nd November 2022 at Hajipur centre.



Inauguration of the Capacity Building Skill Development Training Program titled “Machine Operator- Plastics Processing” sponsored by MSME through NSIC, New Delhi on 24th November, 2022 at Baddi centre.

Skill Development



Awareness session on “Drug Abuse and Illicit trafficking” was conducted at Palakkad centre on 2nd November, 2022.

Pre-Placement Classes & Mock Interviews for Skill Development Trainees on 10th November, 2022 at Bhubaneswar CSTS centre.



75 Mission Life Activities organized for NSFDC, Govt. of India sponsored Non Residential SDTP on “Machine Operator Assistant – Blow Moulding” on 11th November, 2022 at Aurangabad centre.

Shri Ramesh Ahir delivered a motivational lecture for the benefit of the skill development students on 14th November, 2022 at Navsari centre.



Skill Development



Expert Lecture on “Plastic Processing and overview” was delivered by Shri M T Bharne Manager (T) – Aurangabad centre for the SDTP beneficiaries sponsored by NTPC, Mahajyoti and NSFDC on 17th November, 2022.

Expert Lecture on “Latest Trends in Plastic PET Packaging” was delivered by Shri A K Rao, Director & Head – Aurangabad centre for the SDTP beneficiaries sponsored by NTPC, Mahajyoti, MDL and NSFDC on 19th November, 2022.



Other activities of Skill Development Training Programme (SDTP) at CIPET Bhopal in the year 2022-23.

Skill Development

Sports & Cultural Feast – 2022 was organized at Navsarik centre from 21st to 26th November, 2022.



Appreciation



CIPET Palakkad has received appreciation letter for providing Best Skill Development from Additional Skill Acquisition Programme (ASAP), Govt. of Kerala.

Skill Development



Assessment of SDTP on “Machine Operator Assistant – Blow Moulding” sponsored by NSFDC, Govt. of India conducted on 03rd November, 2022.



Assessment of SDTP on “Machine Operator Assistant – Blow Moulding” sponsored by NSFDC, Govt. of India conducted on 04th November, 2022.

Shri Ashim Kumar Das, State Mission Manager - Skills & Livelihoods, DAY - NULM visited Agartala centre on 10th November, 2022 to review the SDTP sponsored by Tripura Urban Livelihood Mission.



Assessment of Skill Development Training Programme (SDTP) Sponsored by MAPCET, Bhopal on 10th November, 2022 at Bhopal centre.



Skill Development



Smt. Arpita Priyadarshini, District Employment Officer, Jagatsinghpur made a surprise visit to Paradeep centre to monitor OSDA Sponsored Skill training on 23rd November, 2022.



Shri R.S. Ninama I.A.S, (CEO) & Shri. ML Nalvaya, Proj. Adm, Vansada D-Sag (Govt. of Gujarat) visited Navsari centre on 25th November, 2022 for reviewing the SDTP.

Review of ongoing SDTP on “Machine Operator – Plastics Processing” by officials of NTPC, Solapur on 26th November, 2022 at Aurangabad centre.



Assessment of SDTP on “Machine Operator – Plastic Processing” sponsored by MAHAJYOTI, Govt. of Maharashtra was conducted on 30th November, 2022 at Aurangabad centre.



Valedictory of SDTP



Valedictory function of SDTP “Machine Operator – Injection Moulding” sponsored by M/s. Power Finance Corporation Limited at Lucknow centre on 3rd November, 2022.



Valedictory function of the SDTP “Machine Operator – Injection Moulding” sponsored by M/s. Power Finance Corporation Limited, New Delhi was conducted on 3rd November, 2022 at Ranchi centre.

Shri Dinesh Sharma - Secretary, Chhattisgarh Vidhan Sabha, Dr. R.K. Agrawal - Additional Secretary, Chhattisgarh Vidhan Sabha attended the Valedictory Function of SDTP “Machine Operator – CNC Milling” sponsored by SECL, Bilaspur on 4th November, 2022 at Raipur centre.



Shri Kameswar Jha - General Manager & BUH, NSPCL, Durgapur attended the valedictory function of SDTP “MO-PP” sponsored by NSPCL, Durgapur on 10th November, 2022 at Bhubaneswar CSTS centre.



Valedictory of SDTP



Valedictory function of SDTP “Machine Operator Assistant-Plastic Processing” sponsored by M/s. NBCFDC, New Delhi at Lucknow centre on 10th November, 2022.

Valedictory of SDTP Sponsored by MAPCET, Bhopal at Bhopal centre on 11th November, 2022.



Valedictory of SDTP sponsored by M/s. Power Finance Corporation Limited (PFCL), New Delhi on 11th November, 2022 at Vijayawada centre.



Valedictory & Certificate Distribution of 40 students for SUTP “Basic Concept and Machining on CNC Lathe” sponsored by DoTE, Govt. of Himachal Pradesh on 19th November, 2022 at Baddi centre.



Valedictory of SDTP



Valedictory Function of the “Machine Operator –Plastics Extrusion” course sponsored by PFC, New Delhi on 28th October, 2022 at Jaipur centre.

Certificate distribution to the beneficiaries of “Machine Operator – Plastics Processing (MO-PP)” sponsored by MAPCET, Bhopal at Gwalior centre on 22nd November, 2022.



Valedictory Function of six months “Machine Operator – Plastics Processing (MO-PP)” sponsored by MAPCET, Bhopal Gwalior centre on 22nd November, 2022.

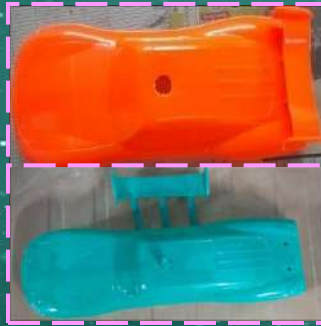
Valedictory function of the “Machine Operator – Plastics Processing” course sponsored by M/s. Power Finance Corporation New Delhi at Amritsar on 29th November, 2022.



Technical Support Services



Optima Top Casing



Mc Queen Car



Musical Gun Accessories



1000ml

HDPE Bottle



250ml

HDPE Bottle



100ml

HDPE Bottle



Trophy Cover & Base



63 mm Service saddle



90 mm Service saddle



Machining of various Pins in CNC Lathe.



Machining of Hydraulic Flange in CNC VMC.



Machining of Punch & Die in CNC WEDM.

Technical Support Services



Bhimeswar
500ml Ghee Cap



Terafil Candle
Disc (220 mm)



Machining of Pilot valves



Manufacturing of 3
Cavity Die Set for 70
ml clay glass



EDM machining on
carbide tool material



Manufacturing of Single
Cavity Die Set for 60 ml
clay glass



Car Bottom



Revolver Gun



Toys Gun



Toys Car

MoU Signing



Signing of MoU between (Manipur Technical University) MIT, (A constituent college of Manipur University) and CIPET: CSTS Imphal on 03rd November, 2022



MoU was signed between Department of Horticulture, Govt. of Karnataka and SARP – APDDRL, Bengaluru on 14th November, 2022.

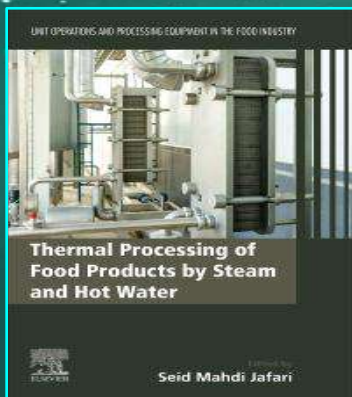
Industry Interaction



Industry Interaction Meet was conducted on 11th November, 2022 at Lucknow centre in which the . Local Industrialists participated.



Industry Interaction Meet was organized at Guwahati on 23rd November, 2022.



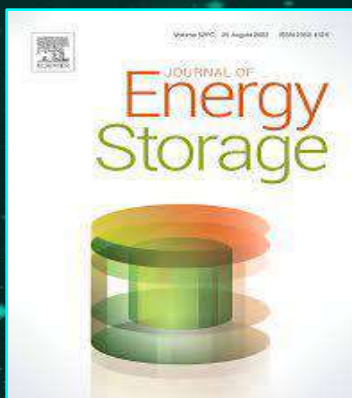
Pooja Nandakumar, Dharani Loganathan, Deepa Priya Natarajan, Periyasamy Manikandan "Shell and Tube Heat Exchangers" Thermal Processing of Food Products by Steam and Hot Water, ISBN: 9780128186169, Elsevier 2022.



Preparation and Characterization of Hybrid Nanofibrous Polymer Scaffolds for Tissue Engineering Applications; R. Gurumoorthi, A Sangeetha, K P Bhavana, R Joseph Bensingh Indian Journal of Chemical Technology (IJCT), vol. 29 (2022) pg. 706 - 712



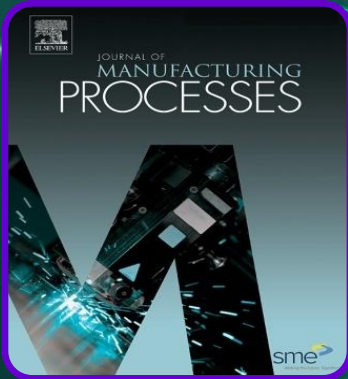
Suresh, R.; Rajendran, S.; Dutta, K.; Khoo, K.S.; Soto-Moscoso, M. *[An overview on light assisted techniques for waste-derived hydrogen fuel towards aviation industry.]*; Fuel 2023, 334, 126645, DOI: 10.1016/j.fuel.2022.126645. (Impact Factor: 8.035; Quartile: Q1)



High Energy Density Supercapattery Empowered by Efficient Binder-Free Three-Dimensional Carbon Coated $\text{NiCo}_2\text{O}_4/\text{Ni}$ Battery and $\text{Fe}_3\text{S}_4@\text{NiCo}$ Pseudocapacitive Electrodes, Nilimapriyadarsini Swain, Saravanakumar Balasubramaniam, Ananthakumar Ramadoss*, Journal of Energy Storage, Accepted (2022). IF: 8.907 (Q1)



Static and Dynamic Mechanical Analysis of e-glass Polyester Composite used in Mass transit System; Somnath Ojha, Himanshu Bisaria, Smita Mohanty, Krishnan Kanny *Emerging Materials Research, Vol. 12, Issue 1 (1-10), 2022*



Fabrication of 3D printing extrusion-based Nylon 12/Bi2O3 composite filaments for thermal interface device application; Nidhin Divakaran, Alex Y, Jyoti Prakash, Manoj TP, Smita Mohanty *Journal of Manufacturing Processes (Accepted)*

On going R&D activities

S.No.	CIPET Centres	Research Projects	Consultancy
1.	<i>SARP: LARPM, Bhubaneswar</i>	11	04
2.	<i>SARP: ARSTPS, Chennai</i>	7	-
3.	<i>SARP: APDDRL, Bengaluru</i>	12	17
4.	<i>IPT – Kochi</i>	-	1



*Name of
Technology Transferred*

Inventors

*Name of the
customer*

Year

Development of
Transparent PVC tubing
for Medical Applications

1. Mr. Himalaya Vardikar
2. Mr. Pinaki Chatterjee
3. Dr. Smita Mohanty
4. Mr. Satyabrata Sahoo
5. Mr. Prakash K. Mohapatra
6. Mr. Manoj Samal

M/s. Manali
Petrochemicals,
Chennai

2022

Ph.D. Viva Voce

Viva Voce examination for Ph.D. thesis titled “Studies on the Design and Development of Functional Copolymers and Membranes Thereof for Energy Generation and Water Purification” submitted by Ms. Rikaranirutumbhara Choudhury in the subject Polymer Science, guided by Dr. Jaydevsinh M Gohil, Scientist, CIPET:SARP ARSTPS, Chennai was successfully conducted on 17th Nov.ember, 2022. at PG Department of Chemistry, Utkal University, Bhubaneswar through blended mode. The Board of Examiners has recommended Ms. Rikaranirutumbhara Choudhury for the award of Ph.D. degree in the subject of Polymer Science under Utkal University, Bhubaneswar.

Research Associates from SARP:LARPM – Bhubaneswar participated in Poster presentation at “Odisha Research Conclave 2022” held at Ravenshaw University from 14th to 16th November, 2022.

1. Distribution and Characterisation of Microplastics in the Surface; Girija Prasad, Smita Mohanty.
2. Development of Poly(lactic acid) (PLA) based Sustainable Mulch Films to Limit Pollution in the field of Agriculture: Evaluation of Degradation Properties; Manmath Parida, Smita Mohanty.
3. Development of Modified Cellulose-based Membrane for Absorbent Core of Female Hygiene Product; Roshni Pattanayak, Tapaswini Jena, Sukanya Pradhan, Smita Mohanty.

Choudhury R.R.; Gohil J.M.*; Raval H; Preparation and Characterizations of Novel Thin Film Composite Nanofiltration Membranes Based on Water Soluble Poly(vinyl alcohol-co-styrenesulfonic acid). Presented in “*Tenth Biennial Symposium on Emerging Trends in Separation Science and Technology (SESTEC-2022)*”, organized by Bhabha Atomic Research Centre (BARC) in association with the Association of Separation Scientists and Technologists (ASSET), held at Institute of Chemical Technology, Mumbai, India, from 22nd to 26th November, 2022.

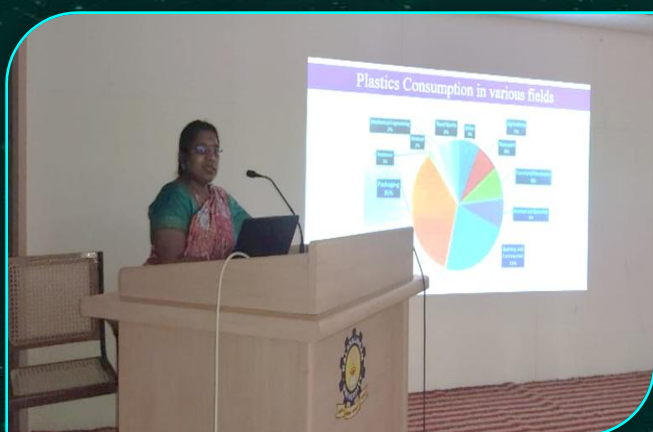


“Manak Manthan” - Workshop was organized at Haldia centre in collaboration with BIS Kolkata on 09th November, 2022.



One day Workshop on “Quality Assurance of HDPE Pipe as per IS 4984:2016” Guwahati centre on 11th November, 2022.

A workshop titled ‘Reverse Engineering and Rapid Prototyping’ was conducted on 11th November, 2022 during the National Level Technical Symposium conducted by students of Chennai IPT centre.



Dr. K.P. Bhuvana, Manager (Technical), Kochi centre delivered a Guest Lecture on “Value Added Recycled Plastics Waste and its Composites” at Kalasalingam Academy of Research and Education (KARE), Krishnankoil, Tamil Nadu on 14th November, 2022.



One day Technical workshop for Sr. Officials & Engineers of RWS&S Odisha on “Inspection, Testing & Quality of pipes” on 20th November, 2022 was conducted by Bhubaneswar IPT centre.

Mr. Vamsi Naga Mohan. A, Kochi centre has attended 5 days online faculty development program on Universal Human Values (UHV) in Education (A Joint initiative of UGC and AICTE) during 14th to 18th November, 2022.



Scientists from CIPET attended technical workshop on “Applications of Rheology for Polymer materials & Advance Packaging Solutions” Organized by Anton Paar India in collaboration with Polymer Processing Academy in association with Indian Institute of Science, Bangalore, on 25th November, 2022.

- Dr. P.S.G. Krishnan - Principal Director (TSS &BD), CIPET Head Office addressed Faculty & Students of all CIPET centers through virtual mode on 1st November 2022 in which Dr. Vikram Gopal Senior Global Vice President (Technology), Ascend Performance Materials, Chennai delivered a special lecture.
- Shri B. Ravi, Director & Head – ARSTPS, Chennai attended the Webinar "Workshop on Preventive Vigilance: The Role of each Employee" organized by the Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India on 04th November, 2022.
- Prof. (Dr.) Shishir Sinha – Director General, CIPET delivered inaugural address in a seminar on 'Sustainable Solutions for Plastic Pollution: Innovation and Challenges' on 07th November, 2022 and CIPET officials are also participated in a seminar organised by BIS, New Delhi.
- Prof. (Dr.) Shishir Sinha – Director General and officials from CIPET attended the meeting held under the Chairmanship of Secretary, Department of Administrative Reforms and Public Grievances (DARPG) on 07th November, 2022 with Central Ministries and Departments / Attached / Subordinate / Autonomous Offices on Prime Minister's Awards for Excellence in Public Administration 2022.

- Dr. Smita Mohanty, Director & Head (Principal Scientist) – LARPM, Bhubaneswar attended Odisha Research Conclave - 2022 at Ravenshaw University on 16th November, 2022.
- Prof. (Dr.) Shishir Sinha – Director General, CIPET delivered a Guest of Honour address during the inaugural session of “Global MSME Convention for Plastics Industry” and Chair the Session on ‘Business opportunities in Biodegradable / compostable plastic sector as alternative to SUP’ held on 16th & 17th November, 2022 at Goa organized by AIPMA and MSME.
- CIPET organized a meeting to discuss on the action carried out and proposed activities of the expert committee in framing curriculum of Petrochemical/ Polymer Engineering (Implementation of NEP 2020) under the chairmanship of Shri P. Raghavendra Rao, I.A.S., (Retd.), Former Secretary to the Govt. of India, DCPC on 17th November, 2022 at Hyderabad.
- Shri Sanjay Kumar Choudhary – Chief Manager (T), Dr. Harekrishna Deka Sr. Tech. Officer and Dr. Jutika Devi, Assistant Professor of Guwahati centre attended the Online Hand Holding Session “Training on HEIS & Asset Record” organized by Rashtriya Uchchattar Shiksha Abhiyan (RUSA), Govt. of Assam on 22nd November, 2022.

- Dr. Smita Mohanty, Director & Head (Principal Scientist) – LARPM, Bhubaneswar attended a Meeting with NBCC on 23rd November, 2022 for development & analysis of EPDM liner.
- Dr. Harekrishna Deka, Sr. Tech. Officer and Shri Pranjal Goswami, Training Coordinator from Guwahati centre attended the Awareness Workshop on “National Credit Framework (NCrF)” organized by Ministry of Education and Ministry of Skill Development & Entrepreneurship, Govt. of India and hosted by IIT Guwahati on 26th November, 2022.
- Dr. Smita Mohanty, Director & Head (Principal Scientist) – LARPM, Bhubaneswar attended a meeting with UNEP for recycling & SUP Survey Report on 28th November, 2022.
- Dr. P.S.G. Krishnan - Principal Director (TSS&BD) , CIPET Head Office attended 2nd meeting of Round Table on “Circularity in Organic and Dry Waste” on 28th November, 2022 in Virtual mode organized by the Department of Drinking Water and Sanitation, Ministry of Jal Shakti, Govt. of India.
- Prof. (Dr.) Shishir Sinha – Director General, CIPET delivered a keynote address on “Reality of Plastic Waste Management in India and the way forward” in the International Symposium on “Circular Economy Solutions for Plastics and Micro plastics: Addressing the Grand Challenge CESP 2022 organised by IIT, New Delhi in collaboration with University of Eastern Finland at IIT, New Delhi on 29th November, 2022.

UV-Weather-o-meter Testing Facilities Availability Status

Customers can have a look at the Real Time Availability of Specimen Holders at the CIPET Website.

CIPET : IPT - LUCKNOW

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV A and B**

147

DATA LAST UPDATED ON 19-12-2022

[Click here for more details & Contact Info.](#)

CIPET : IPT - MURTHAL

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV B**

166

DATA LAST UPDATED ON 20-12-2022

[Click here for more details & Contact Info.](#)

CIPET : IPT - RAIPUR

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV B**

42

DATA LAST UPDATED ON 20-12-2022

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CIPET : CSTS - AGARTALA

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV B**

24

DATA LAST UPDATED ON 20-12-2022

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CIPET : CSTS - AMRITSAR

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV B**

98

DATA LAST UPDATED ON 20-12-2022

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CIPET : CSTS - AURANGABAD

NO. OF REAL TIME AVAILABLE SPECIMEN HOLDERS FOR **UV B**

70

DATA LAST UPDATED ON 21-12-2022

[Click here for more details & Contact Info.](#)

[Click here to check the status ...](#)

Procurements

Melt Flow Index Instrument at Chennai centre



Important Events



10 days Career Counseling Programme on Job Oriented Technical Courses from 31st October, 2022 to 10th November, 2022 by Imphal centre.

The Scientists from CSIR - Institute of Minerals & Materials Technology (IMMT) visited Bhubaneswar IPT centre for Collaborative Research work for Technological Developmental Activities in the area of Polymer Science & Engineering/Metal Matrix on 27th October, 2022.



Dr. Vijay Krishna Kari, Associate Prof. (Chemical) along with Team IIT Bhubaneswar visited Bhubaneswar IPT centre for joint collaboration research work in the area of Polymer Science and Engineering on 28th October, 2022.



Shri Ramchandra Jangra - Rajya Sabha MP visited Murthal centre on 03rd November, 2022 and interacted with the students.

Important Events



Shri. P. Vijaya Kumar, - Joint Director & Head- Agartala briefed on the skilling activities of Agartala centre at the “Access to Skilling: Expansion of Skilling Eco-System in the State of Tripura” organized by the Directorate of Skill Development, Govt. of Tripura on 3rd November, 2022 and suggested points on expanding the Skilling Ecosystem as a whole.



Dr. R. Ananthakumar, Jr. Scientist, ARSTPS centre attended the “Match Making Session with German Universities of Applied Sciences” held on 07th November, 2022 at Bengaluru and discussed with various institutes for the funding opportunities and cooperation with German institutions via DAAD.

One day workshop on “Plastics Mould Design & Manufacturing Techniques and Career Opportunities” for Mechanical Engineering Graduates of Geethanjali College of Engineering and Technology(GCET), Hyderabad was organized on 10th November, 2022 at Hyderabad centre.



Important Events



Shri Rajendra Kumar Soni, Director (Chem II), Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India visited Kochi centre on 11th November, 2022.



Dr. Ambedkar Chair Professor and other Professors from Annamalai University, Tamil Nadu interacted with the beneficiaries of Skill Training Programmes (sponsored by NBCFDC, New Delhi and conducted at Kochi centre in FY 2019-20) at IHRD Extension Centre, Thavanoor, Malappuram on 11th November, 2022 as part of Impact Assessment & Field Visit.



Shri Yaspal Meena, I.A.S., District Magistrate - Vaishali visited Hajipur centre on 14th November, 2022.

Important Events

Official Language Inspection of Hyderabad and Vijayawada centre was held on 12th November, 2022 by First Sub-Committee of the Committee of Parliament on Official Language at Hyderabad.



Important Events



Shri Arun Baroka, I.A.S., Secretary (C&PC), Govt of India and President-CIPET GC visited Ahmedabad centre on 15th November, 2022.



Visit of Shri Susanta Kumar Purohit, Joint Secretary, DCPC, Ministry of Chemicals & Fertilizers, Govt. of India visited Paradeep centre on 16th November, 2022.



Shri Sundeep Bhutoria - Independent Director & Chairman of the CSR Committee of the Board, Shri Yogananda Reddy - Chief General Manager & Vice President / Plant Head (Kochi) and other senior Officials of Petronet LNG Limited Visited Kochi centre on 16th November, 2022 to review their CSR Project 'NAIPUNYAM' Skill Training Programme and interacted with the beneficiaries.

Important Events



One day workshop on “ Career Opportunities and Sustainability in Plastics & Waste Management” was organized for the Science Graduates of Aurora Degree College, Hyderabad on 16th November, 2022 at Hyderabad centre.

Dr. Manish Narnaware, I.A.S & Additional Director (General), Rural Development & Panchayat Raj, Govt. of Tamil Nadu visited Plastics Testing Centre, Chennai centre on 16th November, 2022.



Awareness Session on “Cardiac” was organized for employees to educate and raise awareness about cardiac on 16th November, 2022 at Aurangabad centre.



Mercedes - Benz team, Bengaluru, accompanied by their German partners visited the in-house lab facilities of SARP – APDDRL, Bengaluru to understand the capabilities in terms of testing and characterization on 17th November, 2022.

Important Events



BOSCH team, Bengaluru visited the in-house lab facilities of SARP – APDDRL, Bengaluru and discussed possible collaboration on areas of mutual R&D interest on 17th November, 2022.



Prof. (Dr.) Shishir Sinha, Director General – CIPET visited Hyderabad centre on 18th November, 2022 and reviewed the Performance of the centre.

Shri Arun Baroka, I.A.S., Secretary (C & PC) and President – CIPET GC , Dept. of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India visited Head Office, Chennai IPT centre and SARP: ARSTPS – Chennai on 21st November, 2022.



Important Events



Review meeting of sponsored project “Development of Anticorrosion, Heat Insulating and Weather Resistant External Coatings for Storage Tanks” was conducted by HPCL on 23rd November, 2022 at SARP – APDDRL, Bengaluru.



Demonstration of hand-held Energy Dispersive X-ray Fluorescence Spectrometer by M/s. Labindia Instruments Pvt. Ltd. on 22nd November, 2022 at SARP – APDDRL, Bengaluru.



Officials from Hindustan Aeronautics Limited visited the facilities of SARP – APDDRL – Bengaluru on 23rd November, 2022.



Demonstration / training on the use of fire extinguishers on 24th November, 2022 at SARP – APDDRL, Bengaluru.

Important Events



Gaon Panchayat Presidents from Tinsukia District visited Guwahati centre for Exposure Visit on 23rd November, 2022.



"Opportunity in plastics Product manufacturing and role of CIPET" - an Entrepreneurs Awareness Program (EAP) was organized at different locations Near Indo-Bhutan Border in collaboration with DI & CC, Baksa on from 24th to 29th November, 2022.



One-Day Workshop on "Perspicuous Ransack of Indian Start-up Magnetism (PRISM 2022)" was organised on 25th November, 2022 by M/s. MOVSTA Technology - Incubatee @ CTEF -INNOVEX, Bhubaneswar .



Shri Anish Kumar - Senior Manager, Micro, Small & Medium Enterprises (MSME), Ernakulam visited Palakkad centre on 28th November, 2022.

Important Events



One Day National Seminar on “Plastics Waste Management” sponsored by Himachal Pradesh Kaushal Vikas Nigam (HPKVN) & organised by Baddi centre on 29th November, 2022.



Shri Amitabh Avasthi, I.A.S., Secretary, Department of Technical Education, Govt. of Himachal Pradesh visited Baddi centre on 29th November, 2022.

Upcoming Event

**14th International Conference on
Advancements in Polymeric Materials -
APM 2023**

“Stride towards Innovations in Materials & Design”

Organized by CIPET : SARP APDDRL, Bengaluru

09th to 11th March, 2023

[Click here to Register yourself...](#)

Students from Schools, Colleges and Universities visit CIPET centre as a part of their Industrial Visit and to know the facilities and technical activities of CIPET. A glimpse into the visit by the students...



Shri S.P. Joshi, Second Commandant-ITBP, Rajnandgaon with School Students Rajnandga visited Raipur centre on 05th November, 2022.



Students from HKBK College of Engineering visited APDDRL - Bengaluru on 09th November, 2022.



Students from ITI, Charbagh visited Lucknow centre from 09th to 10th November, 2022.



Students from various Universities of Dept of Chemistry visited SARP - LARPM, Bhubaneswar as a one day Polymeric Material Study tour on 11th November, 2022.



Students from BNCET, College-Lucknow visited Lucknow centre from 11th to 12th November, 2022.



Students of the following schools at Aurangabad visited the Aurangabad centre to know the activities of the centre:

- (i) Municipal Corporation School, Naregaon on 12th November, 2022
- (ii) Orchid International School, CIDOC, Aurangabad on 14th November, 2022
- (iii) New Beginning International School, Savangi on 21st November, 2022

Visit of Students



Students of KPS, Tulsi, Raipur visited Raipur centre on 15th November, 2022.



Visit of Srusti Academy of Management, Bhubaneswar to Bhubaneswar IPT on 15th November, 2022.



Students from Rajalakshmi Engineering College, Chennai visited Chennai centre as a part of Industrial Visit from 16th to 18th November, 2022 in 3 batches.



Visit of students from Blossoms School, Bharatpur, Bhubaneswar to Bhubaneswar IPT on 18th November, 2022.

Visit of Students



Students from the Assam Engineering Institute, Guwahati visited Guwahati centre on 19th November, 2022.



Students from Maharishi Vidya Mandir - 1, Silpukhuri, Guwahati visited Guwahati centre from 21st to 26th November, 2022 .



Students from Agni Institute of Technology, Chennai visited Chennai centre as a part of Industrial Visit 24th November, 2022.



Students from Vel Tech High Tech Dr.Rangarajan Dr. Sakunthala Engineering College, Avadi, Chennai visited Chennai centre as a part of Industrial Visit on 23rd November, 2022.

Outreach Programmes

CIPET centres regularly participate in various exhibitions organized by state government and associations.



Jaipur team participated in “Vision Rajasthan 2022” Exhibition at Sirohi, Rajasthan from 01st to 03rd November, 2022.



Raipur centre participated in “Rajyotsav 2022” from 01st to 06th November, 2022.



Hajipur centre participated in “हरिहर क्षेत्र सोनपुर मेला” Sonapur, Saran, Bihar From 06th to 07th November, 2022.

Outreach Programmes



Dr. Manik Saha - Hon'ble Chief Minister of Tripura, Shri Jishnu Dev Varma - Hon'ble Deputy Chief Minister of Tripura, Smt. Santana Chakma - Hon'ble Minister of Social Welfare and Social Education and Industry & Commerce, Govt of Tripura interacted with Skill Development Trainee from Agartala centre in presence of the Director, Directorate of Skill Development, Govt. of Tripura at the Labharthi Sammelan held on 09th November, 2022 at Rabindra Bhawan , Agartala.



Faculties and Students of Agartala centre attended the 4th Tripura Rubber Conclave organized by the Confederations of Indian Industries on 11th November, 2022 at Agartala.



Kochi centre has participated in "National Vendor Development Programme 2022" organized by MSME-DFO, Thrissur from 17th to 18th November, 2022 at Kochi.

Outreach Programmes



Lucknow centre participated in "Rise in Uttar Pradesh 2022" - a Mega Exhibition from 22nd to 24th November, 2022 at Ghaziabad, Uttar Pradesh. Shri. B. L. Verma - Minister of State for North East affairs, Govt. of India visited CIPET Stall.



CIPET's participation at "Indiplas'22" from 25th to 28th November, 2022.



Swachhhta activities



Swachhhta Drive was organized near Golden Gate and Gateway of Amritsar by the students of CIPET:CSTS, Amritsar

Vigilance Awareness

In commemoration with the observance of Vigilance Awareness week, various activities like administering integrity pledge, competitions for students – poster making, essay contests, sensitization programs at schools, awareness programs in Gram Sabha were undertaken at CIPET centres.



Vigilance Awareness



Vigilance Awareness



National Unity Day

In commemoration with the birth anniversary of Shri Sardar Vallabhai Patel, National Unity Day was observed at CIPET centres on 31st October, 2022



National Constitution Day

In commemoration with the "Constitution Day", the Preamble was read on 26th November, 2022 at CIPET Head Office and Centres.



National Constitution Day



P.P. PIMPRI



News Letter Team

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CIPET सि पे ट



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



Where the mind is without fear,

The head is held high...



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Journey continues...