



Central Institute of Petrochemicals Engineering & Technology (CIPET)

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



August 2022

Dedicated service to the nation since 1968...

CONTENTS

1. Major Highlights
2. Academics
3. Student Induction Program
4. Student Club Activities
5. Alumni Interaction
6. Skill Development
7. Industry Interactions
8. Technology Support Services
9. MoU Signing
10. Research & Development
11. Important Events
12. Civil & Procurement
13. Azadi Ka Amrit Mahotsav
14. Independence Day 2022



CIPET सि पे ट



*Shri Bhagwanth Khuba, Hon'ble Minister of State for Chemicals & Fertilizers and New & Renewable Energy, Government of India
Inaugurated the Incubation Lab at
CIPET:SARP ARSTPS on 22nd August, 2022.*



Inauguration of Tinkering Lab at CIPET:SARP-ARSTPS-Chennai



Plant Sapling at CIPET: IPT- Chennai

Major Highlights

Inauguration of Recreation-cum-Dining Hall at HRD Block, SARP:ARSTPS - Chennai



Second meeting of CIPET Advisory Committee was held under the Chairpersonship of Ms. Arti Ahuja, IAS., Secretary (C&PC), Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India & President, Governing Council – CIPET at Shastri Bhavan, New Delhi on 30th August, 2022.



CIPET offers both Engineering & Science Academic Long Term Programs at various centres across the country. All the Engineering Programmes – Diploma, Post Diploma, Post Graduate Diploma Programmes, Under Graduate and Post Graduate Programmes are approved by AICTE and all the Under Graduate & Post Graduate Engineering Programmes are approved by respective State Universities. Science Post Graduate Programmes are affiliated to respective State Universities.

Admissions are going on...

| Sl. No. | Name of the Programmes | Duration |
|---------|---|----------|
| 1. | Diploma in Plastics Technology (DPT) | 3 years |
| 2. | Diploma in Plastics Mould Technology (DPMT) | 3 years |
| 3. | Post Diploma in Plastics Mould Design With CAD/CAM (PD-PMD) | 1½ years |
| 4. | Postgraduate Diploma in Plastics Processing & Testing (PGD-PPT) | 2 years |

Visit of National Board of Accreditation Expert Team

Expert Team constituted by the National Board of Accreditation (NBA) visited the Jaipur and Ahmedabad centres on 6th and 13th August, 2022 respectively for compliance of the existing NBA accredited Diploma/UG Programmes at the respective centres.



Research proposal submitted by a team from Integrated M. Sc. (Material Science & Engineering) students of Bhubaneswar – IPT centres has been selected by Biotechnology Industry Research Assistance Council (BIRAC) under the 1st National Call of E-YUVA Scheme for Fellowship and Research grant. The team members are:

- ❖ Mr. Subham Sekhar Panda
- ❖ Mr. Pankaj Lochan Sarangi
- ❖ Mr. Avnish Sharma
- ❖ Mr. Suvam Sekhar Rout
- ❖ Mr. Ankush Amrit Sahu



- ❖ Dr. Shyama Prasad Mohanty – Asst. Prof., Bhubaneswar – IPT – Mentor.



Observance of Kargil Vijay Diwas on
26th July, 2022 at
Bhubaneswar IPT centre.



Motivational Session was conducted by
Shri Vino Vikho Vincent Pou, Soft Skills
Trainer and Founder of Smart-U
(Communication & Public Speaking) on
6th August, 2022 at Imphal centre.

In commemoration with the State Level Program on *“Drive Against Drugs (DAD)”* launched by the Government of Tamil Nadu, competitions like Poster making, Logo making, Slogan Writing and an Awareness campaign was conducted on 24th August, 2022 at Chennai centre in association with the Greater Chennai Police. The Key note lecture was delivered by Mr. Rajenthirarajan, Ex. Assistant Commissioner of Police, Vice Principal, Police Training College - Avadi & Mr. K N S Varadhan, Project Manager, Freedom Foundation, Chennai.



As a part of the Industrial visit, School and College students visit the CIPET Centres to have an awareness on the various technical activities carried out at the CIPET Centre in their vicinity.



In commemoration with the National Sports Day, sports activities like students – Faculty Volleyball match, sports quiz were conducted at Dehradun centre on 29th August, 2022.

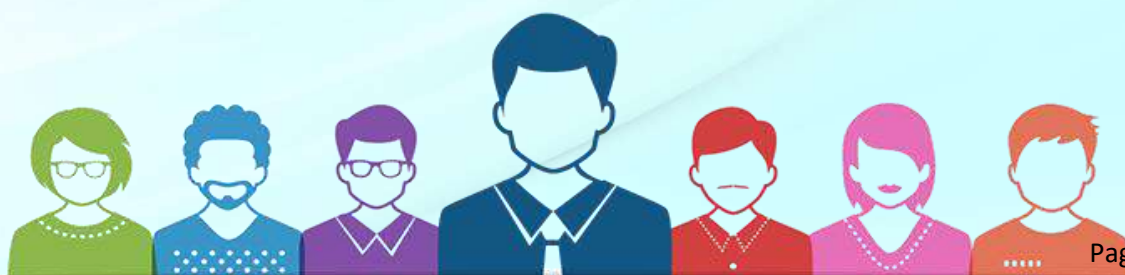
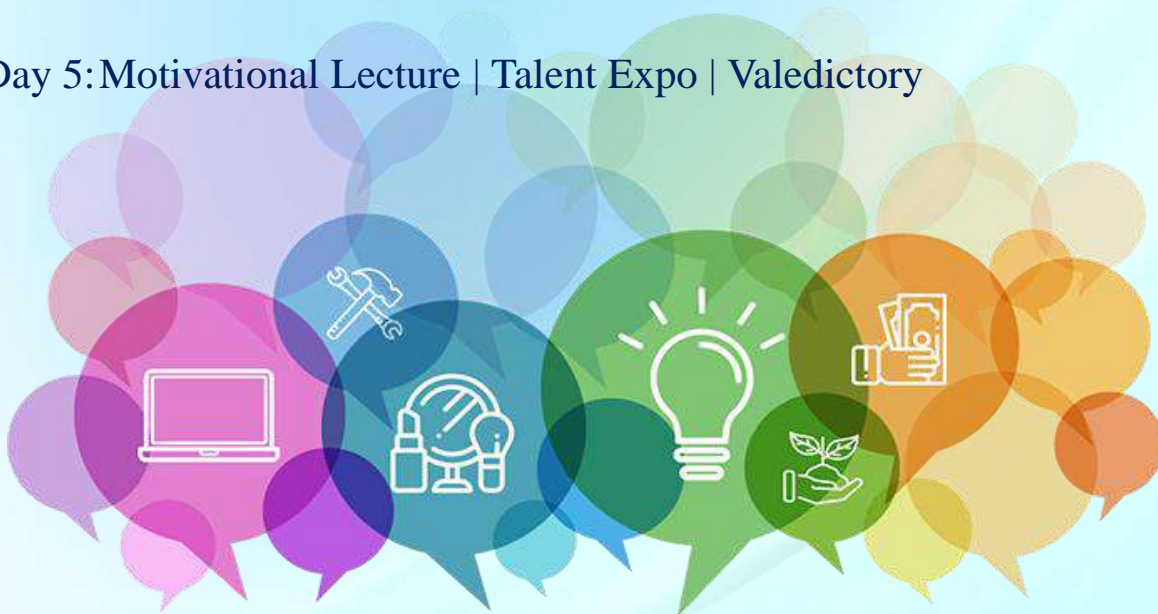


Student Induction Program (SIP) was conducted from 22nd to 26th August, 2022 at CIPET centres for the first year Diploma/Post Dost diploma/Post Graduate Diploma Programme students as per the guidelines of AICTE. The purpose of this program was to facilitate a smooth transition from their home and school environment to college environment through various discussions and activities. Details of day-wise programme:

- ❖ Day 1: Inauguration | Campus Tour
- ❖ Day 2: Mentor-Mentee Group Meet | Club Orientation | English Test
- ❖ Day 3: Guest Lecture | Literary Activities | Creative Practices
- ❖ Day 4: Placement Orientation | Industrial Visit | Local City Visit |

Alumni Interaction

- ❖ Day 5: Motivational Lecture | Talent Expo | Valedictory



Student Induction Program

Introductory Session with Parents & Students



Campus Tour / Familiarization with the Institute



Student Induction Program

Mentor - Mentee Group Meet



Literary Activity



Student Induction Program

Student Clubs Orientation



English Language Skill Test



Student Induction Program

Creative Practices



Interaction with Alumni



Student Induction Program

Motivational / Invited Lectures



Student Induction Program

Physical activity (Sports / Yoga)



Student Induction Program

Placement Activities & Industrial Visit



Student Induction Program

Visit to Important Places of the City



Student Induction Program

Cultural Activities (Talent Expo)



Closing Ceremony



Student Club Activities

In commemoration with Vijaya Diwas, The music club members of Bhubaneswar – IPT centre performed various activities like playing patriotic music, reciting poems and singing songs for the brave soldiers on 26th July, 2022.



A workshop on Physical Fitness was conducted by Health & Wellness club of Bhubaneswar IPT Centre on 29th July, 2022

In commemoration with “Har Ghar Mein Tiranga, students of the photography club of the Bhubaneswar – IPT clicked photographs related to the theme.



Health and Wellness Club of Bhubaneswar - IPT organized a *Doctor's Talk* on the topic “Cleanliness, Hygiene, Sanitization & Industrial Safety” on 04th August, 2022. Dr. Raj Ashok Das, MBBS,MD briefed on the topic and interacted with the students and faculty members.





The photography club organized a workshop for Street Photography on 5th August, 2022.

Patriotic song singing event on the occasion of Independence Day was held by Music club- CIPET :IPT Bhubaneswar on 10th August 2022 at 2.00 pm onwards at the Visvesvaraya Hall, CIPET:IPT Bhubaneswar premises. The music club members having different interests have performed their favorite songs in different languages like Hindi, Odia, English



An invited lecture was organized by the Enviro Club on 26th August 2022. Dr. Trupti Ranjan Das, Assistant Professor, CIPET:IPT, Bhubaneswar delivered a lecture titled 'Low-Dimensional Nano-materials for Sensing and Separation of Environmental Pollutants'.



Shri Deepak Mishra (alumnus of CIPET:CSTS - Haldia), Shri Santosh (alumnus of CIPET:CSTS - Mysuru) and Shri Dharmendra Chauhan (alumnus of CIPET:CSTS - Hyderabad) visited CIPET:SARP - APDDRL - Bengaluru on 22nd August, 2022.



An Interactive Alumni Connect was held at Ahmedabad centre on 29th August, 2022 in which Shri Prashant Trivedi (PGD-PPT - 1985), Shri Rasesh Patel (DPMT -1987) and Shri Pradeep Gupta (DPMT - 1986) participated.



Pre-Placement training at Bhubaneswar – CSTS centre



M/s. AVI Global Plast Pvt. Ltd., Mumbai conducted campus interview of M.Tech. (Nanotechnology) & M.Sc. (Polymer Science) students at Bhubaneswar – IPT centre on 28th July, 2022.



Campus Interview from M/s. Meril Life Science Pvt. Ltd., Vapi was held at Navsari centre on 03rd August, 2022.



Students from various Engineering Colleges underwent Internship Training on “CNC Milling” from 25th to 26th July, 2022 at Chennai centre.



Internship Training Programme on “CAD/CAM” was conducted for the students of Government Polytechnic College, Karur District from 04th July to 01st August, 2022 at Madurai centre.



Summer Internship of Diploma Students (Civil Engg. & Mechanical Engg.) of Gomati District Polytechnic, Tripura is being conducted at Agartala centre from 08th August, 2022.

Internship Training Programme was organized for the students of Government College of Engineering, Bodinayakkanur from 15th July to 13th August, 2022 at CIPET:SARP ARSTPS. The students got hands-on training & exposure on CAD 2D & 3D modelling software (drafting, part design, assembly & drafting etc.); operation of Rapid Prototyping machines (FDM, SLS, SLA and MJF); CNC machining techniques on CNC Milling Machine & Wire EDM Machine; and Metrology & Inspection work etc.



Internship Training Programme on
“CAD/CAM” was conducted
for the students of Government
Engineering College,
Bodinayakanur from 15th July to
13th August, 2022 at Madurai
centre.



One day training program on "Plastics from Raw Materials to Products" was conducted for 58 participants on 23rd July, 2022 at Bhubaneswar IPT centre.



5 days Training Program on "UPVC Profiles" was conducted for 10 number of employees of M/s. NCL Veka from 01st to 05th August, 2022 at Hyderabad centre.



Short Term training program was conducted for M/s John Deere officials on "Plastic Processing Techniques and its Applications", from 01st to 06th August, 2022 at Aurangabad centre.



Workshop/ Training Program titled "Hands on Training on Biodegradation Test of Plastics Materials as per various National & International Standards – IS/ISO 17088 & IS/ISO 17556" was organized from 02nd to 04th August, 2022 at CIPET:SARP-LARPM, Bhubaneswar.



One Day workshop on “Manufacturing of Biodegradable / Compostable Plastic item as a part of alternative to Single Use Plastics” was organized by Haldia centre on 04th August, 2022 at Kolkata with the collaboration of West Bengal Pollution Control Board.



Short term course on “Injection Moulding Techniques” was conducted from 05th to 11th August, 2022 at Palakkad centre.



Entrepreneurship development programme on “Plastic Recycling techniques” was conducted from 01st to 12th August, 2022 at Palakkad centre.



Training on “Awareness of Single Use Plastics” under Swachh Bharath Pakhwara Scheme was organized on 12th August, 2022 at Amritsar centre for the students of BBK DAV College for women, Amritsar.



Inauguration of SDTP “Machine Operator - Injection Moulding” Sponsored by M/s. Western Coalfields Limited- Nagpur through Coal India Limited - HQ on 02nd August, 2022 at Bhopal centre.



Counseling and Inauguration of SDTP “Machine Operator - Plastics Processing (MO-PP)” sponsored by Himachal Pradesh Kaushal Vikas Nigam (HPKVN) for 30 students on 10th August, 2022 at Baddi centre.



Inauguration of “Machine Operator Plastic Processing (MO-PP)” under CSR initiative of NTPC Solapur was held at NTPC Auditorium, Solapur, on 18th August, 2022 for Aurangabad centre.



Distribution of Welcome Kit for the Trainees under NSFDC sponsored MOA-BM Batch and NTPC CSR Sponsored MO-PP Batch on 19th August, 2022 at Aurangabad centre.



Counseling and Inauguration of skill development training program “Machine Operator – Injection Moulding (MO-IM)” sponsored by Himachal Pradesh Kaushal Vikas Nigam (HPKVN) for 30 students on 25th August, 2022 at Baddi centre.



Assessment of “Machine Operator – Injection Moulding (MO-IP)” Skill Development Training Programme sponsored by M/s. Odisha Skill Development Authority (OSDA), Govt. of Odisha on 03rd August, 2022 at Bhubaneswar – CSTS centre.



2nd review Meeting of NTPC – Solapur CSR sponsored beneficiaries was held on 25th August, 2022 at Aurangabad centre.



Valedictory Function three months course “Machine Operator Assistant – Plastics Extrusion” sponsored by Tribal Area Development Department, Govt. of Rajasthan was conducted on 28th July, 2022 at Jaipur centre.



Shri Reep Hazarika, Managing Director of Brahmaputra Cracker and Polymer Limited (BCPL) flagged off the Study tour of Trainees of 5 Months “PLASTICS PROCESSING & RECYCLING (PPR)” course sponsored by BCPL ,A Govt. of India Enterprise from BCPL Dibrugarh to Guwahati CSTS and PWMC centre on 5th August, 2022.



Valedictory Function of Skill Development course “Machine Operator – Plastics Extrusion” Sponsored by Industries Department, Govt. of Bihar on 06th August, 2022 at Hajipur centre.



Shri Peter Thawngneihchina, Manager (NSSH Office) from MSME, Guwahati visited Agartala centre on 09th August, 2022 for review of MSME sponsored Skill Development Training programme on Machine Operator – Injection Moulding (Mo-IM) which was conducted from 28th February To 31st August, 2022 and also handed out Employment offer Letters to the Beneficiaries.



Valedictory Function of “Machine Operator – Plastics Processing (MO-PP)” sponsored by M/s. Odisha Skill Development Authority (OSDA), Govt. of Odisha on 10th August, 2022 at Paradip sub-centre.



Valedictory Function for the Capacity Building Training Programme of the Course “Machine Operator – Injection Moulding” sponsored by MSME, New Delhi through NSIC, New Delhi on 13th August, 2022 at Raipur centre.



Valedictory function of “Machine Operator – Plastics Processing (MO-PP)” Skill Development Training Programme sponsored by M/s Eastern Coalfields Limited, Kolkata on 16th August, 2022 at Bhubaneswar – CSTS centre.



Valedictory Function of Six months Skill Development course “Machine Operator – Tool Room” Sponsored by MSME, New Delhi on 17th August, 2022 at Hajipur centre.



Valedictory Function of six months course “Machine Operator – Plastics Processing” sponsored by MSME through NSIC, New Delhi for 24 candidates was conducted on 18th August, 2022 at Jaipur centre.



Valedictory Function of the course “Plastics Product Manufacturing Operator” sponsored by Uttar Pradesh Skill Development Mission (UPSDM) which was conducted for 19 candidates on 21st August, 2022 at Lucknow centre.



Valedictory function of six months Skill Development Training Program “Machine Operator – Plastics Processing (MO-PP)” sponsored by Ministry of Micro, Small and Medium Enterprises (MSME) was held on 22nd August, 2022 at Baddi centre along with certificate distribution.



Valedictory function for Skill Development training on “Machine Operator Assistant – Injection Moulding” (MoA-IM) sponsored by Social Welfare Department, Govt. of Karnataka under SCA to SCSP Scheme was held on 23rd August, 2022 at Mysuru centre.

Interactions are conducted across CIPET centres with Industrialists to understand the need of the industry and also to create an awareness on the technical activities undertaken at CIPET for the mutual benefits of the stakeholders. An insight into the activities at various CIPET centres:



Industry Interaction with CIPET Alumni Entrepreneurs was held at Head Office on 21st July, 2022.



Industry Interaction Meet in association with Bureau of Indian Standards, Hyderabad was held on 29th July, 2022 at Hyderabad centre to create Awareness on the Standards for the benefit of 30 Industry Personnel.



Industry interaction meet on 10th August, 2022 at Ranchi centre.



Industry Institute Interaction Meet was organized on 14th August, 2022 at Sivaganga District Small Scale Industries Association (SIDISSIA), Sivagangai. Dr. L. Sivasubramanian, Manager (Technical), Madurai centre interacted with various Industrialists.



Industry Institute Interaction meet has been organized on 19th August, 2022 at Aurangabad centre. Around 21 participants from various industries participated.



Workshop - cum - Industry Interaction Meet was held at SARP-APDDRL, Bengaluru, on 22nd August, 2022 on the topic "Basic Identification and Testing." The meeting was attended by 23 Industry Delegates and Entrepreneurs.



Industrial Interaction Meet of SARP:LARPM team was held at M/s. Uflex Limited, Noida with UNEP Officials on 22nd August, 2022.



One Day Workshop-cum-Industry Interaction Meet on “Intellectual Property Rights” on 25th August, 2022 at SARP-LARPM, Bhubaneswar



Industry interaction meeting was organized at Kochi centre on 25th August, 2022. Shri Najeeb. P.A., General manger – District industries centre inaugurated the meeting and 21 industry representatives attended the meeting.



Shri T. M. Anbarasan, Minister for Micro, Small and Medium Enterprises (MS&ME), Govt. of Tamil Nadu visited the stall of Chennai centre at "TEXPO" Connecting Business 2022" exhibition, which was held from 29th to 30th July, 2022 at Chennai.



Palakkad centre's stall at "NAIPUNYA PARICHAYA MELA" - Exhibition organized by Higher Education Department, Govt of Kerala on 30th July, 2022 at Thrissur.



Mysuru Centre participated in a Job Fair organized at Hosakote, Bengaluru on 20th August, 2022.

Outreach Programme



Awareness Program on “Recycle, Reduce & Reuse of single use plastic” was conducted at Municipal School, Adhinath, Ahmedabad on 25th August, 2022 and Municipal School, Hathijan, Ahmedabad on 26th August, 2022.

Open House



Two days Open House Programme was organized from 11th to 12th August, 2022 at Imphal centre for creating awareness to the youths on Career Prospects of Long Term Courses available at Imphal centre

- Ms. Mousam Choudhury, Senior Technical Officer, Aurangabad centre participated in the Webinar on “Registration Procedure of Patents in India” held on 3rd August, 2022
- Ms. Mousam Choudhury, Senior Technical Officer, Aurangabad participated in the Webinar on “Registration Procedure of Trademarks in India” held on 7th August, 2022

Technical Support Services



Equipment Audit was conducted for 17 CIPET centres from CIEPT Head Office in the month of August, 2022.

Products / Moulds developed at various CIPET Centres ...



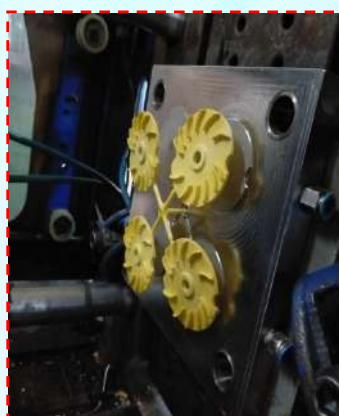
Laser Engraving of PET
Bottle/ Jar Mould Bottom
Inserts



150 x 50 mm
(Two Cavity)
Die Plate for Ceramic Liner



1500 Gms.
Milk Carat



Design & Development of
Injection mould for Armature
Fan 4 cavity



Plastic Container



Elbow connector



Machining of various Pins in CNC Lathe.



90 mm Service saddle



End Fitting



Manufacturing of Aluminum
Profile parts



Square Wall Clock Frame



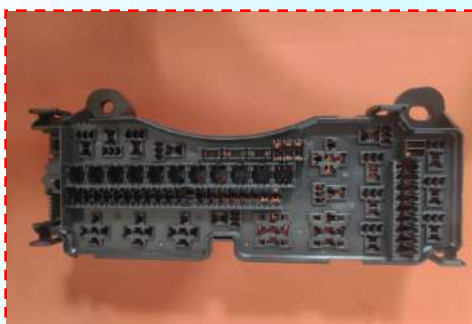
Spline Hub Shaft



3 Impression Die Set
for 70 ml Clay Glass



3 Impression Die Set
for 90 ml Clay Glass



Fuse Box for Automotive Parts

CIPET Hyderabad entered into an MoU with Vignana Bharathi Institute of Technology (VBIT) for Academic Collaboration of various CAD/CAM/CAE & Short Term Programs on 10th August, 2022.



MoU signed between CIPET:CSTS - Chandrapur & Central Mine Planning and Design Institute (CMPDI), Nagpur at CMPDI Office, Nagpur on 10th August, 2022.



MoU was signed between CIPET:CSTS- Chandrapur & Sardar Patel Mahavidhayala, Chandrapur on 23rd August, 2022.



MoU was signed between Raipur centre and Rungta College of Engineering & Technology, Raipur on 24th August, 2022.



Participation in Conference / Seminar



- ❖ Mr. Manoj Kumar Mallick, Project Assistant of SARP: LARPM won the Poster Contest Award at “APA Bioforum- 2022”
- ❖ Ms. Ipsita Pattanayak, Ms. Roshni Pattanayak and Mr. Tusharkanta Nayak – Research Associates – I at SARP: LARPM – Bhubaneswar virtually attended the International Conference on “APA Bioforum 2022” and participated in Oral / Poster presentations.

On going R&D activities

| S.No. | Research Wings | Research Projects | Consultancy |
|-------|-------------------------------------|-------------------|-------------|
| 1. | <i>SARP: LARPM, Bhubaneswar</i> | 14 | 02 |
| 2. | <i>SARP: APDDRL, Bengaluru</i> | 10 | 15 |



- ❖ Naveed, N.; Dutta, K.*; Balamurugan, D.; Haveri, A.V.; Sabapathy, K. Oil-incorporated poly(lactic acid) as an alternative material for orthodontic base plate: A 3-D printing approach. *Advances in Polymer Technology* 2022, 2022, 7448575, DOI: 10.1155/2022/7448575.



- ❖ Priya, A.K.; Gnanasekaran, L.*; Dutta, K.; Rajendran, S.; Balakrishnan, D.; Soto-Moscoso, M. Biosorption of heavy metals by microorganisms: Evaluation of different underlying mechanisms. *Chemosphere* 2022, 307, 135957, DOI: 10.1016/j.chemosphere.2022.135957.

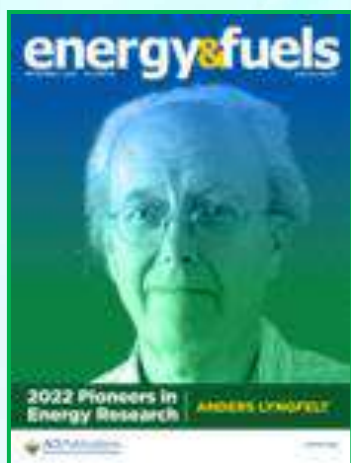


membranes

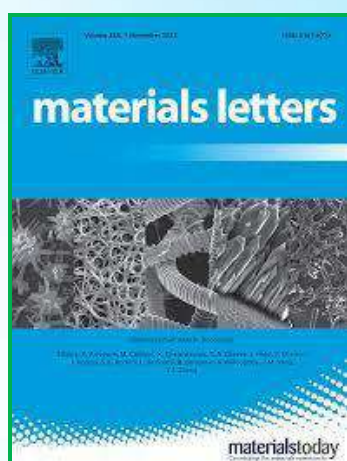
- ❖ Naseer, M.N.*; Dutta, K.; Zaidi, A.A.; Asif, M.; Alqahtany, A.; Aldossary, N.A.; Jamil, R.; Alyami, S.H.; Jaafar, J. Research trends in the use of polyaniline membrane for water treatment applications: A scientometric analysis. *Membranes* 2022, 12, 777, DOI: 10.3390/membranes12080777.



- ❖ Functionality of Flexible Pressure Sensors in Cardiovascular Health Monitoring: A Review. Suvrajyoti Mishra*, Smita Mohanty, and Ananthakumar Ramadoss*, ACS Sensors, (2022), <https://doi.org/10.1021/acssensors.2c00942>. IF: 9.618



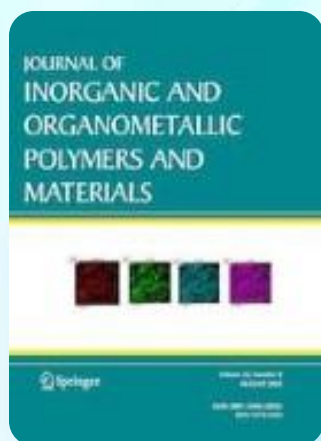
- ❖ Flexible, Light-weight and Ultra-Bendable RuO₂-MnO₂/Graphite Sheets for Supercapacitors, Ananthakumar Ramadoss*, Ka Kan Wong, Nilimapriyadarsini Swain, Ankita Mohanty, Kirubavathi K, Selvaraju K*, Lukas Schmidt-Mende, ACS Energy & Fuel (2022), Just Accepted. IF: 4.654



- ❖ 3D Cabbage-Like Microflower Bismuth Molybdenum-Organic Framework Hybrid: Synthesis and Characterizations. Ankita Mohanty, Ananthakumar Ramadoss, Materials Letters, 324 (2022) 132763. <https://doi.org/10.1016/j.matlet.2022.132763>. IF: 3.574



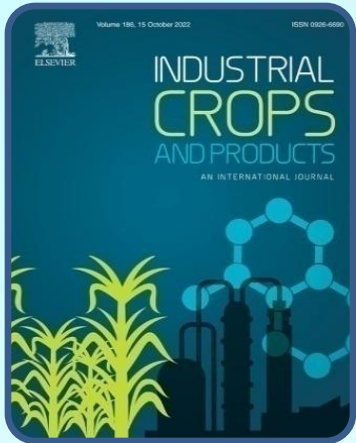
- ❖ Choudhury, R.R.; Gohil, J.M.*. Preparation and characterization of poly(vinyl alcohol-co-styrenesulfonic acid)-based proton exchange membranes for direct methanol fuel cell. Polymer Korea. 2022, 46(5) 1-13; DOI: 10.7317/pk.2022.46.5.1 (ISSN 0379-153X), Q4



- ❖ Hydroxyapatite: A Versatile Bioceramic for Tissue Engineering Application (Accepted) , Dr. Ritesh Kumar, Dr. Smita Mohanty Journal of Inorganic and Organometallic Polymers and Materials DOI : 10.1007/s10904-022-02454-2



- ❖ Highly Transparent Castor Oil-Derived Polyurethane/Silica Nanocomposite Coating Synthesized by In-situ polymerization Debasmita Mohanty, Dr. Krishnan Kanny, Dr. Smita Mohanty Polymer for Advanced Technology, 17th July 2022 (Accepted) DOI: 10.1002/pat.5814 Internal (IF:3.66) (Q1)

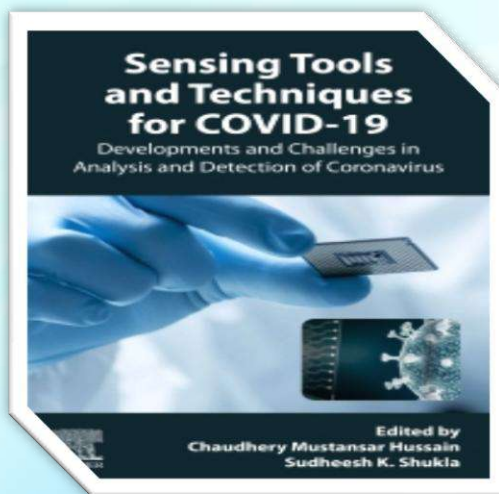
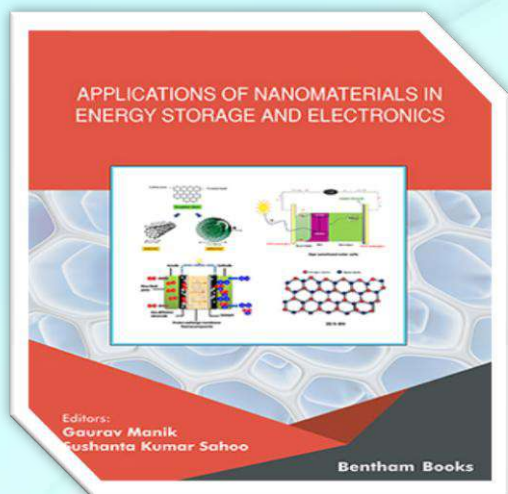


❖ Development and characterization of ester modified endospermic guar gum/polyvinyl alcohol (PVA) blown film: Approach towards greener packaging Pooja Priyadarsini, Manoranjan Biswal, Sumit Gupta, Smita Mohanty, Sanjay K. Nayak Industrial Crops & Products (Elsevier), Vol. 187, Part-A, 3rd July 2022DOI<https://doi.org/10.1016/j.indcrop.2022.11531> (IF : – 6.449)

Technology Transfer



| Name of Technology Transferred | Inventors | Name of the customer / Organization to whom Technology was transferred | Year |
|---|--|--|------|
| Development of polymer materials & preparation of specification for Lubricating Oil Bottles | Dr. Smita Mohanty Mr. Pinaki Chatterjee, Ms. Haripriya Naik, | M/s. ENOC, UAE | 2022 |



- ❖ CHAPTER 8: A concise summary of recent research on MOF-based flexible supercapacitors, Ankita Mohanty and Ananthakumar Ramadoss. Current and Future Developments in Nanomaterials and Carbon Nanotubes: (Volume 3) Applications of Nanomaterials in Energy Storage and Electronics. Published by Bentham Science Publishers Pte. Ltd. Singapore. (2022) 141-158. ISSN: 2589-2207
- ❖ Mr. Amit Mall and Dr. Trupti Ranjan Das (Assistant Professor, CIPET:IPT, Bhubaneswar) contributed along with authors from other institutions. “Role of nanotechnology for Corona virus detection” Chapter-3, P. 47-57 in Sensing Tools and Techniques for COVID-19, Edited by C. M. Hussain and S. K. Shukla, Elsevier Publishers (2022)

Important Events



Shri Rajendra Kumar Soni, Director - Department of Chemicals & Petrochemicals visited the flood affected Guwahati CSTS and PWMC centres on 22nd July, 2022 and observed the situation post flood.



Dr. P.S.G. Krishnan, Principal Director (TSS & BD), CIPET – Head Office participated as a Resource Person in “Plastic Recycling and Circular Economy” organized by Indian Chemical News (ICN) on 22nd July, 2022.



M/s. Husky Hot runners division, Chennai has donated Rs. 1 lakh worth of “Cutting Tools” to Chennai centre for the purpose of training on 27th July, 2022..



Officials from Army, Navy & CFL (Central Food Laboratory) visited Mysuru centre on 29th July, 2022.



Shri P. Vijaya Kumar - Joint Director & Head, Shri Arunav Banerjee - Asst. Technical Officer of Agartala centre attended the Regional Advisory Committee of the "Off farm Sector of NABARD-Agartala" on 03rd August, 2022.



The Chairman, Western Odisha Development Council (WODC) cum Principal Advisor to Chief Minister, Shri Asit Tripathy, I.A.S. visited the Extended centre of CIPET: CSTS, Bhubaneswar along with the Collector cum District Magistrate, Dr. Parag H Gavali IAS, ADM, Rourkela & Commissioner, Rourkela Municipal Corporation, Dr Subhankar Mohapatra, IAS, Hon'ble MLA Rourkela, Shri Sarada Prasad Nayak and other officials from District Administration, Sundargarh. on 04th August, 2022.



Prof. (Dr.) Shishir Sinha, Director General - CIPET visited Ranchi centre and interacted with students during his visit on 09th August, 2022.



Shri C.G. Rabadiya, Adl. Collector for Adivasi Vikas Gandhinagar visited Navsari centre on 09th August, 2022.



Prof. (Dr.) Shishir Sinha, Director General - CIPET had a meeting with Mrs. Vandana Dadel, IAS., Principal Secretary Industries, Govt. of Jharkhand on 10th August, 2022.



Officials of Assam Industrial Development Corporation Limited (AIDC) visited different facilities available at Guwahati centre on 11th August, 2022.



Shri S Srikanth, Sr. Tech. Assistant (SG), Mysuru centre delivered lecture on “Testing of PVC and HDPE Pipes” in State Quality Monitoring JJM Karnataka on 11th August, 2022 at Bengaluru.



Shri Senthilkumar, Asst. Director, TNSDC Inspector, Madurai District visited Madurai centre on 12th August, 2022 for TNSDC SDTP programme Assessment and completion process.



Inauguration of the Start-up of Aurangabad Alumini, Shri Mahesh Dongre (Skill Program trainee - Injection Moulding, 2017 Batch) for his MSME registered Start up on "India Institute of Entrepreneurship Development (IIED) was held on on 12th Aug., 2022 with the participation of Aurangabad centre officials.



National Librarian's Day - The Birth Anniversary of Dr. S.R. Ranganathan (Father of Library Science) was observed on 12th August, 2022 at Murthal Centre.



Legal Awareness Camp on World Youth Day was organized at Murthal centre by District Legal Service Authority, Sonapat on 12th August, 2022.



Shri Susanta Kumar Purohit, Joint Secretary - Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India visited Paradip (Sub-centre) and participated in observance of Azadi Ka Amrit Mahotsav on 13th August, 2022; visited SARP: LARPM - Bhubaneswar & attended the Independence Day Celebrations as Chief Guest on 15th August, 2022 at Bhubaneswar - IPT centre.



Visit of First Sub-committee of the Committee of Parliament on Official Language at Rajkot (Gujarat) on 18th August 2022.



Shri Ritesh Chandra, Scientific Officer from M/s. NPCIL Tarapur, Maharashtra site visited Navsari Centre on 18th August, 2022.



Shri Neil Wagner, Vice President - Global Business & Ms. Geetha Ramaswamy, Director HR - Aptar India visited the facilities of CIPET Hyderabad on 25th August, 2022.

Important Events



68th Half-Yearly meeting of Town Official Language Implementation Committee (TOLIC), Aurangabad was held on 30th August, 2022. Aurangabad centre received Incentive Award in Central Government Category for the year 2021 – 22 for best performance in official language implementation.



Photo/Model Exhibition On Plastic Waste Management Organized by CIPET: IPT-Murthal on 30th August, 2022.



Rewards and Recognition Programme for employees and staff of Imphal centre for the month of August, 2022 as a part of Best Practices at the Centre.



Construction of Girls Hostel (G+2) under Babu Jagjeevanram Chattrawas Yojana (BJRCY) scheme of Ministry of Social Justice & Empowerment, Govt. of India at Vijayawada centre.



Construction of 100 bedded Boys Hostel for SC Students under progress at Kochi centre.

The Enhanced / Upgraded technical infrastructure at Jaipur centre...



Emulsion Polymerization Setup Apparatus

Make: Technosys Systems

Model: TS_ EPSA2



Spin Coater

Make: APEX

Model: spinNXG-P1

LATHE MACHINE

Make SOHAM IMPEX

Model- SI-LM-400



LATHE MACHINE

Make:- SOHAM IMPEX

Model:- SI-LM-800





Ultrasonic Probe Sonicator
Make: Electrosonic Industries
Model: EI-750UP



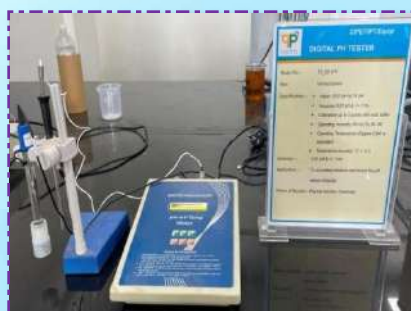
Tubular Furnace
Make: Advanced Micro Designs
Model: AMD_1400



Jaw Crusher
Make: REMPLTD
Model: REM-3252



Muffle Furnace
Make: SCIENTECH
Model: SE-130



Digital pH meter
Make: Technosys systems
Model: TS_EE-011



Hot Air Oven
Make: SCIENTECH
Model: SE-127



Digital conductivity meter
Make: VI Microsystems
Model: VI-EE_011



Density Determination Kit
Make: Contech
Model: CAS-234



Metallurgical Microscopes
Make: Advanced Micro Designs
Model: AMD_5000BMM



Digital Refractometer
Make: VI Microsystems
Model: LI-R501



Digital Rotational Viscometer
Make: VI Microsystems



Computerized Vickers hardness testing machine
Make: FIE
Model: VM 50-PC



Computerized Brinell Hardness Testing Machine
Make: FIE
Model: B 3000-PC



Dewinter Inverted Metallurgical Microscope
Make: Dewinter
Model: DMI ULTIMA

CAD CAM Lab Facilities



Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture and achievements. In line with this initiative, CIPET Centres organized various activities like:

- ❖ Distribution of books on freedom fighters to the children of Government Schools;
- ❖ Distribution of Tiranga to Employees and students of CIPET;
- ❖ Tiranga Yatra;
- ❖ Quiz Programs, Drawing, Singing competitions and
- ❖ Cultural Programs

A Glimpse into the various activities at CIPET centres across the country:





Azadi Ka Amrit Mahotsav









Independence Day 2022

The 76th Independence Day – which marks the completion of 75 years of freedom was celebrated with much enthusiasm across all CIPET centres. The freedom struggle and revolutionaries were fondly remembered on this day. Various activities highlighting the freedom movement were demonstrated by students at CIPET centres.

Prof. (Dr.) Shishir Sinha, Director General of CIPET hoisted the National flag at Head Office.





Independence Day 2022



CIPET's Presence across the Country



TAMIL NADU

CIPET : IPT – CHENNAI

T.V.K. Industrial Estate,
Guindy, Chennai - 600 032.

e-Mail: chennai@cipet.gov.in



GUJARAT

CIPET : IPT – AHMEDABAD

Plot No. 630, Phase-IV,
GIDC, Vatva,
Ahmedabad - 382 445.

e-Mail: ahmedabad@cipet.gov.in



ODISHA

CIPET : IPT - BHUBANESWAR

B-25, CNI Complex,
P.O. Patia,
Bhubaneswar - 751 024.

e-Mail: bhubaneswar@cipet.gov.in



CHHATTISGARH

CIPET : IPT – RAIPUR

Industrial Area Bhanpuri,
Near Urkura Railway Station,
Bhanpuri, Raipur - 493221

e-Mail: raipur@cipet.gov.in

CIPET's Presence across the Country



RAJASTHAN

CIPET: IPT- JAIPUR

SP - 1298, Sitapura Industrial Area,
Phase-III, Tonk Road,
Jaipur - 302 022.

e-Mail: jaipur@cipet.gov.in



KERALA

CIPET : IPT – KOCHI

HIL Colony, Edayar Road,
Pathalam, Eloor, Udyogamandal P.O.,
Kochi - 683 501.

e-Mail: kochi@cipet.gov.in



UTTAR PRADESH

CIPET : IPT – LUCKNOW

B-27, Amausi Indl. Area,
Lucknow - 226 008.

e-Mail: lucknow@cipet.gov.in



HARYANA

CIPET : IPT - MURTHAL

DCRUST Campus, 50th Mile Stone,
NH-1, Murthal, Dist - Sonapat,
Pin - 131 039.

e-Mail: murthal@cipet.gov.in

CIPET's Presence across the Country



TAMIL NADU

CIPET : CSTS – MADURAI

Near Periyar Samathuvapuram,
Thiruvathavur,
Madurai - 625110.

e-Mail: atpdc.madurai@cipet.gov.in



TRIPURA

CIPET : CSTS – AGARTALA

Rubber Park Area, Bhudjungnagar,
Sub-Division: Mohanpur, Agartala,
Tripura, Pin - 799 008

e-Mail: agartala@cipet.gov.in



PUNJAB

CIPET : CSTS – AMRITSAR

P.O. Rayon & Silk Mills,
Adjacent to GND University,
Amritsar - 143 104.

e-Mail: amritsar@cipet.gov.in



MAHARASHTRA

CIPET : CSTS – AURANGABAD

Plot No. J-3/2,
MIDC Industrial Area, Chikalthana,
Aurangabad - 431 006.

e-Mail: aurangabad@cipet.gov.in

CIPET's Presence across the Country



ODISHA

CIPET : CSTS - BALASORE

Plot No.A, IDCO,
Bampada Industrial Area,
Balasore - 756056, Odisha.
e-Mail: apptc.balasore@cipet.gov.in



MADHYA PRADESH

CIPET : CSTS – BHOPAL

'G' Sector, J. K. Road,
Govindpura Industrial Area,
Bhopal - 462 023.
e-Mail: bhopal@cipet.gov.in



ODISHA

CIPET : CSTS - BHUBANESWAR

MCTI Campus -3/79,
Sector-A, Zone-B,
Mancheswar Industrial Estate,
Bhubaneswar - 751 010.
e-Mail: mtci@cipet.gov.in



MAHARASHTRA

CIPET : CSTS – CHANDRAPUR

Plot No.: 107/43, Chavan Colony,
Theerthroop Nagar,
Near WCL Quarters,
Chandrapur - 442 401.
e-Mail: chandrapur@cipet.gov.in

CIPET's Presence across the Country



UTTARAKHAND

CIPET : CSTS - DEHRADUN

Haridwar Road,
Post - Bhaniyawala, Doiwala,
Dehradun - 248140 (Uttarakhand)
Email : dehradun@cipet.gov.in



ASSAM

CIPET : CSTS – GUWAHATI

NH-31, P.O: Changsari,
District: Kamrup,
Guwahati-781 101
e-Mail: guwahati@cipet.gov.in



ASSAM

CIPET : CSTS - PWMC – GUWAHATI

P.O/VILL: Borgaon (Banglagarh),
Hajo Circle,
DIST: Kamrup (Assam), Pin-781104.
e-Mail: pwmc.guwahati@cipet.gov.in



MADHYA PRADESH

CIPET : CSTS – GWALIOR

Textile Technology Dept. Building,
Near Women Polytechnic,
Padav, Gwalior (M.P.) - 474007
e-Mail: gwalior@cipet.gov.in

CIPET's Presence across the Country



WEST BENGAL

CIPET : CSTS – HALDIA

City Centre, P.O.- Debhog,
Dist. Purba Medinipur,
Haldia - 721 657.

e-Mail : haldia@cipet.gov.in



TELANGANA

CIPET : CSTS - HYDERABAD

IDA Phase-II,
Cherlapally,
Hyderabad-500 051.

e-Mail: hyderabad@cipet.gov.in



BIHAR

CIPET : CSTS – HAJIPUR

EPIP Complex,
Hajipur Industrial Area,
Hajipur - 844 102.

e-Mail: hajipur@cipet.gov.in



MANIPUR

CIPET : CSTS – IMPHAL

C-12, Industrial Estate,
Takyelpat, Imphal - 795 001.
Email: imphal@cipet.gov.in

CIPET's Presence across the Country



KARNATAKA

CIPET : CSTS – MYSURU

No.437/A,
Hebbel Industrial area,
Mysuru - 570 016.
e-Mail: mysore@cipet.gov.in



JHARKHAND

CIPET : CSTS – RANCHI

Hehal,
Ranchi - 834005,
Jharkhand.
e-Mail: ranchi@cipet.gov.in



UTTAR PRADESH

CIPET : CSTS – VARANASI

Araji No. 69, 34BT PAC,
Inside KPS Group Campus,
Bhullanpur, Varanasi – 221108
e-Mail: varanasi@cipet.gov.in



GUJARAT

CIPET: CSTS – NAVSARI

Block No. B – 364 & D – 368,
Beside Govt. Science College,
PO Khund, Dist. Navasari
e-Mail: cipetnavsari@gmail.com

CIPET's Presence across the Country



ANDHRA PRADESH

CIPET : CSTS - Vijayawada

Survey No.377, Surampalli(V)
Gannavaram(M), Krishna Dist.,
Vijayawada – 521212
e-Mail: vijayawada@cipet.gov.in



HIMACHAL PRADESH

CIPET : CSTS – BADDI

Plot No-198/201,
Jharmajri, Baddi, Dist: Solan,
Himachal Pradesh – 174 103
e-Mail: baddi@cipet.gov.in



CHHATISGARH

CIPET : CSTS – KORBA

Education Hub, Syahimudi,
Post : Gopalpur, Via-Jamnipali,
Korba - 495450 (Chhattisgarh)
e-Mail: korba@cipet.gov.in

Centre for Skilling and Technical Support

*The future belongs to those who learn more skills
and combine them in creative ways*

Research Wings



TAMILNADU

CIPET : SARP – ARSTPS - CHENNAI

T.V.K. Industrial Estate, Guindy,
Chennai – 600 032.

e-Mail: arstps@cipet.gov.in



ODISHA

CIPET : SARP - LARPM – BHUBANESWAR

B - 25, CNI Complex,
Bhubaneswar - 751 024

e-Mail: larpm@cipet.gov.in



KARNATAKA

CIPET : SARP - APDDRL – BENGALURU

7P, Hi-Tech Defence and Aerospace
Park (IT Sector),
Jalahobli, Bengaluru North,
Devanahalli, Bengaluru - 562 149

e-Mail: apddrl@cipet.gov.in

School for Advanced Research in Petrochemicals

Everything is theoretically impossible,

Until it is done...

Sub Centres



KERALA

CIPET : PALAKKAD

e-Mail: palakkad@cipet.gov.in



ODISHA

CIPET : PPEC - PARADIP

e-Mail: mcti@cipet.gov.in



Madhya Pradesh

CIPET : APPSEC - TAMOT

e-Mail: bhopal@cipet.gov.in

The only way to Discover

The limits of the Possible is to Go beyond

them into the Impossible

News Letter Team

Prof. (Dr.) Shishir Sinha
Director General

Mr. A.S.N. Murthy
Director (Administration)

Dr. Syed Amanulla
Chief Manager (Technical)

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

Mr. Efrem John Victor
IQAC & Placement Coordinator



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



Where the mind is without fear,

The head is held high...



CIPET सि पे ट

Central Institute of Petrochemicals Engineering & Technology (CIPET)
Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers,
Govt. of India

CIPET – Head Office
T.V.K. Industrial Estate,
Guindy, Chennai - 600 032
Email: newsletter@cipet.gov.in
www.cipet.gov.in

Dedicated service to the nation since 1968...

Journey continues...