

Subject: MONTHLY SUMMARY (For the month of April 2026)

Major achievements during the month of April 2026

Council of Scientific & Industrial Research (CSIR)

New Products/Processes/ Technologies developed

- **CSIR-CLRI**
 - Developed Natural oil based polyurethane dispersion for use in finishing formulations
- **CSIR-CMERI**
 - Developed Tele-Operated Multi-Utility Platform for Robotic Applications
- **CSIR-IHBT**
 - Developed processes for
 - large-scale clonal propagation of *Phyllostachys pubescens* (moso bamboo) plantlets
 - Psychrotolerant microbial formulation for enhanced hydrolysis in biomethanation at low temperatures
 - Low-calorie Water Soluble Phycobiliproteins Based Formulation for the Treatment of Non-alcoholic Fatty Liver Disease
 - Polyherbal formulation for kidney health
- **CSIR-IICT**
 - Developed novel rechargeable aluminum battery
- **CSIR-NCL**
 - Technology developed for Electrochemical Aptasensor for Point of Care Detection of Aflatoxin M1 in Milk and Dairy Products.

Technologies licensed/transferred

- **CSIR-AMPRI**
 - Technology transferred for makeshift Buildings for hospitals, housing, and other purposes to MR Traders, Bhopal
- **CSIR-CECRI**
 - Technology transferred for Cement Polymer Composite Coatings (CPCC) system for corrosion protection of reinforcing steel to M/s. Jeevach Coating Pvt Ltd., Mumbai

- **CSIR-CFTRI**
 - Technologies transferred for Sweet Potato Soup Mix and Fiber enriched Rusk to M/s Kudumbashree State Mission, Kerala.
- **CSIR-CIMAP**
 - Technology Licensed for making Flomop, Cleangerm and Mospray ICAR- Krishi Vigyan Kendra (Ernakulam), Kerala on 21/04/2026.
- **CSIR-CLRI**
 - Technology transferred for Castor oil based anionic waterborne polyurethane dispersions for leather finishing applications to M/s. Kshetragna Agronym Private Limited, Hyderabad, on 22/04/2026.
- **CSIR-CMERI**
 - Technology transferred for Autonomous Underwater Vehicle (AUV-150) to Kalyani Strategic Systems Ltd. (KSSL), Pune on 16/04/2026
- **CSIR-IHBT**
 - Technologies transferred for
 - Manufacturing/ processing of millet and cereal based porridge premixes to M/s Indiyum Foods Pvt Ltd , Haryana on 10/04/2026.
 - Agrotechnology of Gerbera to M/s Bhikhta Biotech, Shimla, H.P. on 10/04/2026.
 - Raising quality planting material of Picrorhiza with enhanced metabolite content to Nishant Biotech, Bilaspur, H.P. on 10/04/2026.
 - Manufacturing/ processing of multigrain protein powder products/ variants to M/s The Peoples Welfare Society, Delhi on 10/04/2026.
- **CSIR-IICB**
 - Technology licensed for Novel probes for organelle detection and tracking to M/s Gene to Protein Pvt. Ltd., Hyderabad, on 02/04/2026.
- **CSIR-IIP**
 - Technology transferred for Manufacture of Oxygen Enrichment to AB Process Technologies, Pune
- **CSIR-IMMT**
 - Technology transferred for Development of ZrB₂-SiC UHTC for zinc sand to M/s Regenius Technologies Pvt Ltd, Bhubaneswar on 13/04/2026.

Number of New Projects initiated (01/04/26-30/04/26)

Lab/Institute	CSIR	Ministry/Govt./PSU	Industry/sponsored/ Pvt
CSIR-4 PI	05	Nil	Nil
CSIR-AMPRI	Nil	01	Nil
CSIR-CBRI	Nil	02	05
CSIR-CCMB	Nil	01	Nil
CSIR-CDRI	02	03	Nil

CSIR-CECRI	Nil	01	01
CSIR-CEERI	01	04	Nil
CSIR-CFTRI	01	01	Nil
CSIR-CGCRI	04	Nil	Nil
CSIR-CIMAP	Nil	02	Nil
CSIR-CIMFR	Nil	01	24
CSIR-CLRI	Nil	01	02
CSIR-CMERI	01	Nil	Nil
CSIR-CRRI	Nil	07	05
CSIR-CSIO	Nil	02	Nil
CSIR-CSMCRI	01	02	Nil
CSIR-IHBT	05	05	Nil
CSIR-IICB	03	Nil	Nil
CSIR-IICT	Nil	02	06
CSIR-IIIM	Nil	01	Nil
CSIR-IIP	Nil	01	02
CSIR-IITR	Nil	Nil	02
CSIR-IMMT	Nil	06	06
CSIR-IMTECH	Nil	01	Nil
CSIR-NAL	Nil	01	Nil
CSIR-NEERI	Nil	04	03
CSIR-NGRI	Nil	01	Nil
CSIR-NIIST	Nil	01	01
CSIR-NIO	Nil	01	09
CSIR-NPL	04	Nil	Nil
CSIR-SERC	01	04	03

Number of Ph.D. scholars joined/ completed (01/04/26-30/04/26)

Lab/Institute	Completed
CSIR-AMPRI	05
CSIR-CBRI	02
CSIR-CCMB	01
CSIR-CDRI	07
CSIR-CECRI	02
CSIR-CEERI	02
CSIR-CFTRI	01
CSIR-CIMAP	02
CSIR-CLRI	02
CSIR-CSIO	02
CSIR-CSMCRI	01
CSIR-IGIB	06
CSIR-IHBT	05
CSIR-IICB	04
CSIR-IICT	06
CSIR-IIIM	04
CSIR-IIP	01
CSIR-IITR	01

CSIR-IMMT	01
CSIR-IMTECH	03
CSIR-NBRI	04
CSIR-NGRI	02
CSIR-NIIST	05
CSIR-NPL	05

National Collaborations/Agreements/MoUs Signed

- **CSIR-CDRI**

- MoUs signed with
 - Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow for Research & Academic collaborations on 02/04/2026.
 - PathnSitu Biotechnologies Pvt, Hyderabad for Research & Academic collaborations on 07/04/2026.
 - Indian Pharmacopoeia Commission (IPC), Ghaziabad for Research & Academic collaborations on 15/04/2026.
- Agreements signed with
 - Achira Labs Private Limited, Bengaluru to check feasibility and develop a commercially viable LFA-based early diagnostic test for deduction of Cervical Cancer on 24/04/2026.
 - Esscee Biotech (India) Pvt. Ltd., Lucknow for Diazenylaniline-based Fluorescence Quenchers with flexible functional modifications for biomedical applications on 06/04/2026.

- **CSIR-CECRI**

- MoU signed with Asian Paints Ltd., Mumbai for validation of the thermoplastic coating system on galvanized steel panels for border fencing applications for Asian paints PPG

- **CSIR-CFTRI**

- Agreement signed with TIE Mysuru Association, Mysuru to establish dedicated corridor for futuristic food system and promote pan-India coverage on 18/04/2026.

- **CSIR-CGCRI**

- MoU signed with Institute of Engineering & Management, School of University of Engineering and Management, Kolkata for Research & Academic collaborations on 07/04/2026.

- **CSIR-CLRI**

- Agreements signed with M/s. Department for Promotion of Industry and Internal Trade (DPIIT), M/s. Chennai Environmental Management Company of Tanners (CEMCOT) and M/s. Ranipet SIDCO Finished Leather Effluent Treatment Company (RANITEC) for upgradation of Ranipet Tannery Effluent Treatment Company (SIDOC I) CETP Project.
- MoUs signed with
 - M/s. Vels Institute of Science, Technology & Advanced Studies (VISTAS), Chennai for R&D collaboration on 27/04/2026.
 - M/s. Birla Institute of Technology & Science, Goa for R&D collaboration on 16/04/2026.

- **CSIR-CMERI**
 - MoU signed with Ministry of Minority Affairs, New Delhi for Non-Traditional Skilling on 15/04/2026.
- **CSIR-CRRI**
 - MoUs signed with
 - Manipal University Jaipur, Rajasthan, for R&D collaboration on 13/04/2026.
 - Indian Federation of Green Energy (IFGE), Uttar Pradesh, for technical collaboration on 21/04/2026.
 - MoA signed with Ashok Road Equipment Manufacturers (India) Pvt. Ltd., Telangana & M/s JMVD Industries Pvt. Ltd., Lucknow, for large-scale implementation of Modified Mix Seal Surfacing (MSS+) Technology on 22/04/2026.
- **CSIR-CSMCRI**
 - MoUs signed with
 - SNAP Alginate and Natural Products Ltd, for tank-based cultivation of edible seaweed Ulva lactuca at semi-outdoor conditions
 - Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu for the commercial seaweed farming technology offering.
 - Agreements signed with
 - SNAP Alginate and Natural Products Limited for tank-based cultivation of edible seaweed Ulva lactuca at semi-outdoor conditions on 01/04/2026.
 - DBT for development of multiproduct catalytic biorefinery for the integrated production of potassic chemicals, nutraceuticals and feed from green seaweed Ulva on 09/04/2026
 - M/S Thermax Limited for Performance enhancement and characterization of tubular ultrafiltration membranes on 22/04/2026.
- **CSIR-IHBT**
 - MoUs signed with
 - M/s Tribe Route, Palampur for essential oils on 06/04/2026.
 - CNG Agro Care Private Limited, Kolkata for Smart Village to transform rural India by leveraging modern technologies and eco-friendly practices on 10/04/2026.
- **CSIR-IICT**
 - MoU signed with BITS-Pilani India for R&D collaboration.
- **CSIR-IIIM**
 - MoU signed with GMC Kathua for R&D collaboration.
- **CSIR-IIP**
 - MoU signed with Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal for academic collaborations.

- **CSIR-IITR**
 - MoU signed with Kalyan Singh Super Specialty Cancer Institute, Lucknow for R&D collaborations on 24/04/2026.
- **CSIR-IMMT**
 - MoUs signed with
 - OMC Ltd. for Petrography, Mineralogy and bulk density studies of different lithology and size recovery percentage for different ore types of all working mines of OMC Ltd.
 - NTPC Mining Ltd., Jharkhand for (i) Extraction of sand and other minerals from overburden and carbonaceous wastes & (ii) Extraction of minerals from thermal fly ash.
 - The Singareni colloeries comp Ltd., for characterisation and feasibility of recovering trace and rare earth elements from coal /fly ash/bottom ash , shale, clay, sand stone and granite rocks,
 - TATA Steel Ltd, Odisha, for preparation of fly ash based light weight aggregate with property optimization.
 - Macawber Beekay Pvt. Ltd, for Rheological and pipe flow investigation of coal ash slurries for HCSD system of 1*800 MW UKAI Thermal power station,
 - DOOSAN Power system India pvt. Ltd., for Rheological investigation of coal fly ash slurries for HCSD system of OBRA C -2*660 MW Thermal Power project,
 - ARDEE Engineering Ltd, for characterisation and beneficiation studies for the recovery of Copper values from low grade ore.
- **CSIR-NAL**
 - MoUs signed with
 - Indian Institute of Technology Dharwad (IITDh), Dharwad for R&D collaborations.
 - Birla Institute of Technology, Mesra for R&D collaborations.
- **CSIR-NCL**
 - Agreements signed with
 - Himedia Laboratories Private Limited-High-Yield Biosynthesis of Bacterial Nano Cellulose (BNC) from Indigenous Bacteria Komagataebacter Rhaeticus.
 - Deepak Ferilisers and Petrochemicals Corporation Limited for selective Solubilization of Ammonium Nitrate from Fertiliser using different Solvents.
 - BGP Healthcare Pvt. Ltd. for Testing and Analysis of Polacrilex Resin Samples.
 - HP Green and R&D Centre, Bangalore for development of a Continuous Process for the Dechlorination of Used Cooking Oil.
 - MoAs signed with
 - Ashwatta Sustainability Ventures Private Limited for feasibility study on Electrochemically Dechlorinated Waste PVC to Value-added (i) Chlor-Compounds with High Faradic Efficiency (ii) Olefins and Dienes
 - BASF Chemicals India Private Limited - WISER- Women Empowered for Science and Engineering Research: Postdoctoral Fellowship Program

- **CSIR-NEERI**

- MoU signed with Ministry of Road Transport and Highways for Assessment of Air Pollution Contribution due to Vehicular Exhaust Emission (Fossil Fuels based) in NCT of Delh on 02/04/2026.
- MoAs signed with DBT
 - Demonstration of equine dung management via biomethanation in a pilot-scale anaerobic baffled reactor on 22/04/2026.
 - Bioelectrochemical system (BES) project on enhanced carbon capture by methanomethylotrophic bacteria and their role in PGP activity on 22/04/2026.
 - Silk fibre–derived amino acid for CO₂ capture applications on 24/04/2026.

- **CSIR-NIIST**

- Agreement signed with Department of Cancer Biology and Molecular Diagnostics, Cancer Institute (W.I.A), Chennai for collaborative research on early cancer detection from blood samples using Raman Spectroscopy and Artificial Intelligence

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International Collaborations/Agreements/MoUs Signed

- **CSIR-IICB**

- Agreement signed with Virginia Commonwealth University, USA on 16/05/2026.

- **CSIR-IICT**

- Agreement signed with University of Pittsburgh for Advances in imaging and treatment of bladder cancer on 15/04/2026.

- **CSIR-NIIST**

- Agreement signed with M/s Noritake Co., Ltd., Japan, for Ceramic Sorbents for Stove Waste Gas CO₂ capture in the Steel Industry.

Patents Update

Patents Filed			Patents Granted			Patent Prosecutions	
India	Abroad* (Unique Patent Application)	Abroad (Multiple Countries) *	India	Abroad* (Unique Patent Application)	Abroad (Multiple Countries) *	India	Abroad*
03	09	11	04	03	03	15	105
Number of Copyright Applications filed					10		

* Data reported to IPU during April 2026 and may change later during national phase entries. The unique filed/ granted patent may appear in the next months also if its corresponding application is filed/ granted in the respective months.

High impact S&T services offered

- **CSIR-AMPRI**

- Provided sample testing services for characterisation/processing techniques.

- **CSIR-CCMB**
 - Provided molecular diagnostic services for 137 samples.
- **CSIR-CDRI**
 - Provided analytical services to two MSME, sensitised 3 MSMEs; 120 samples.
 - Supplied 336 experimental animals for research purposes.
 - Provided analytical service for by IR, ESI-MS, Liquid Chromatography, Mass Spectrometry, Elemental Analysis, NMR and Electron Microscopy for 749 samples.
- **CSIR-CRRI**
 - Design and technical solution for construction of new link road (25 Km) from BOP Wav to BOP Limbdabet, Indo-Pak Border, Kutchh-Gujarat for CPWD, Gujarat
 - Feasibility study of Soda ash effluent solids in road construction for TATA Chemicals Limited, Gujarat
 - Investigation and Remedial Measures for Surface Distress on Flexible Runway Pavement at Rajahmundry Airport for Airport Authority of India, Andhra Pradesh
 - Traffic Volume study and Pedestrian Volume count for the Feasibility study of the proposal for construction of a foot over Bridge at 25th Battalion Border Security Force, Chhawla, Najafgarh-Bijwasan Road for PWD, Delhi
 - Techno-Commercial Valorisation of foundry Sand of coimbatore cluster for Sustainable utilization in road construction and maintenance for The Institute of Indian Foundrymen (IIF), West Bengal & Suyog Elements India Pvt. Ltd.
 - Evaluation of Pathankot to Amritsar Section of NH-15 (KM 6+082 to 108+502) for Strengthening Requirements and Needed Remedial Measures for NHAI, Punjab
 - Bloomberg Initiative for Global Road Safety (BIGRS Phase 3 Round 1): Case Study of Delhi for Indian Institute of Technology, Bombay
 - Pilot Project for Providing Expert Recommendations on Roads Adjoining Irrigation Canals Affected by BC Soils-Four R&B Roads (1 Km each) for Andhra Pradesh Road Development Corporation.
- **CSIR-CSMCRI**
 - Distributed 5 ton fresh *Kappaphycus alvarezii* seed material to 10 seaweed cultivators on 30/04/2026.
- **CSIR-IIP**
 - Tribological assessment of friction wedge material for M/s. Neetu Yoshi Pvt. Ltd.
 - Testing and evaluation report of Fire Resistance Hydraulic fluid sample for Fuchs Lubricants (India) Pvt. Ltd., Maharastra.
- **CSIR-IITR**
 - Toxicity studies and data compilation for Potassium Nitrate and strontium Nitrate for Sivakasi Fireworks manufacturer's Association.
- **CSIR-NAL**
 - Fatigue testing of composite rudder of LCA AF MK1 (8/346), ADA, DRDO

- **CSIR-NCL**
 - Supplied microbial strains to industries and academia along with microbial identification services.
- **CSIR-NEERI**
 - Implementation of Wastewater Surveillance for Multi-Pathogen across India
 - Assessment of Soil and Ground Water Quality for Vadodara Enviro Corporation Ltd. (VECL) Channel, Vadodara, Gujarat
- **CSIR-NGRI**
 - Provided technical report - Heliborne VTEM Plus Survey over SLBC Tunnel for Govt. of Telangana.
- **CSIR-NPL**
 - Provided Time & Frequency Traceability to ISRO-ISTRAC.
 - 03 Verification Certificates & 01 Provisional Letter of Confirmation issued to 04 Models related to Air Pollution Monitoring
 - Providing calibration and testing facilities for various Physico-mechanical, electrical standards and dissemination of traceability to various strategic sectors.
- **CSIR-SERC**
 - Condition assessment of TG Foundation Deck, ID, FD, PA Fan & Mill Foundations of Stage-II and Stage -III, NTPC Rihand Nagar.
 - Seismic testing of 220V 80AH Battery bank using shake table for Rajasthan Atomic Power Station Unit 1 & 2.
- **CSIR-URDIP**
 - Provided IP analysis support services to CSIR laboratories regularly.

Outreach Activities

- **CSIR-AMPRI**
 - Organized lab visit for Dr Hari Singh Gour Vishvavidyalaya, Sagar on 17/04/2026, 38 participants.
- **CSIR-CBRI**
 - Organized lab visit for Departments of Architecture & Planning and Design, IIT Roorkee, 35 participants.
 - Organized Skill Development Training Programme on Earthquake Retrofitting Techniques and DPR Preparation during 20-24/04/2026; 31 participants.
- **CSIR-CCMB**
 - Published a podcast-Episode 3 in the CCMB Conversations series on bringing scientists and solutions together.
- **CSIR-CDRI**
 - Organized Student Scientist Connect Programs for
 - School of Pharmacy, Vivek University, Bijnor, Uttar Pradesh on 08/04/2026; 41 participants.
 - Subhash Chandra Bose PG College, Hardoi, Uttar Pradesh on 23/04/2026; 65 participants.

- Organised Scientist as a Teacher at Vedam World School, Lucknow, Uttar Pradesh on 17/04/2026; 85 participants.
- **CSIR-CECRI**
 - Organized quiz programmet to celebrate World Earth Day 2026 on 22/04/2026; 53 participants.
 - Organized Skill Development Training Programmes on
 - Hydrogen Production, Utilization, Handling and Safety during 06-10/04/2026, 31 participants.
 - Corrosion Protection Technologies for Construction of Buildings and Structures was organized during 20-22/04/2026, 31 participants.
- **CSIR-CEERI**
 - Organized Skill Development Training Programme on Semiconductor Fabrication; 13 participants.
- **CSIR-CFTRI**
 - Organized Skill Development Training Programme on Pulse Milling/Processing during 27-29/04/2026; 13 participants.
- **CSIR-CGCRI**
 - Organized Skill Development Training Programme on Ceramic Membrane based Technology and Advanced Instrumental Techniques for Water and Wastewater Analysis on 17/04/2026; 20 participants.
- **CSIR- CIMAP**
 - Organized Skill Development Training Programme on cultivation, processing and value addition on medicinal and aromatic plants during 27-30/04/2026; 55 participatnts.
- **CSIR-CLRI**
 - Organized lab visits for
 - VIT, Vellore on 01/04/2026; 132 participants.
 - Crescent School of Pharmacy, Chennai on 08/04/2026; 60 participants.
 - Milton International School on 16/04/26; 15 participants.
 - Saveetha Institute of Medical and Technical Sciences on 16/04/2026; 47 participants.
 - Sowbarnika School of Fashion & Costume, Chennai, on 21/04/2026; 07 participants.
 - Government Leather Institute, Kanpur and Kendriya Vidyalaya, Jalandhar Cantt. visited Regional Centre, Kanpur and Jalandhar respectively on 24/04/2026.
- **CSIR-CMERI**
 - Organized Skill Development Training Programmes on
 - Advanced Manufacturing during 06-07/04/2026.
 - Energy efficiency and Reduction of Energy Consumption during 08-09/04/2026.
 - Additive Manufacturing during 10/04/2026.
- **CSIR-CRRI**
 - Organized Skill Development Training Programme on Design, Construction and Quality Control in Flexible Pavement for the engineers of Madhya Pradesh Public Work Department (MPPWD) during 20-24/04/2026; 29 participants.

- Organised lab visits for
 - NICMAR Delhi-NCR Campus on 17/04/2026.
 - PM Shri KV Tughalakhbad, New Delhi on 28/04/2026; 37 participants.
- **CSIR-CSIO**
 - Organised Management Development Programme on biomedical device policies on 27/04/26; 25 participants.
 - Organised Management Development Programme on Traditional to Deep Learning for Image Processing; 20 participants.
- **CSIR-CSMCRI**
 - Organised open day during institute's foundation day on 10/04/2026.
 - Conducted hands-on training on seaweed farming in Nellore (Apr 13) & Prakasam on 13/04/2026 & 16/04/2026 respectively; 85 participants.
- **CSIR-IHBT**
 - Organised lab visits for Central University of Jammu; SCVB Government College; VMS College of Pharmacy; SBS College of Pharmacy; Lyallpur Khalsa College Technical Campus; the School of Bioengineering and Food Technology, Shoolini University; and Laureate Institute of Pharmacy; 316 participants.
 - Organised awareness program on Health and Nutrition Promoting awareness for Balanced nutrition and Food Safety on 09/04/2026; 95 participants.
- **CSIR-IICB**
 - Organized lab visit for Techno India University, Saltlake, West Bengal and Sree Chaitanya Mahavidyalaya, Habra, North 24 Parganas, West Bengal on institute's 70th Foundation Day.
- **CSIR-IICT**
 - Organized lab visit for DPS on 23-24/04/2026; 15 participants.
- **CSIR-IIIM**
 - Organized Skill Development Training Programme on Plant Tissue culture techniques for Govt. Degree College Pulwama during 16-18/04/2026; 15 participants.
- **CSIR-IIP**
 - Organized Skill Development Training Programme on Overview and Testing of Bitumen & Bituminous Binders and GC Analysis in the Petroleum Sector during 06-10/04/2026; 38 participants.
 - Organised lab visit for Netaji Subhas University of Technology, Delhi on 06/04/2026.
- **CSIR-IITR**
 - Organised lab visit for SR Institute of Management and Technology, Lucknow; 70 participants.
- **CSIR-IMMT**

- Organized Skill Development Training Programme on Water filter and other rural technologies during 15-16/04/2026.
- **CSIR-NBRI**
 - Organised Summer Plant Science Festival (SPSF) 2026 during 15-16/04/2026; 200 participants.
 - Conducted Mission LiFE Impact Assessment Survey during 08-30/04/2026; 285 participants.
 - Conducted Mission LiFE Awareness Programme at Zoological Garden, Lucknow: Enhancing Public Engagement for Sustainable Living on 07/04/2026; 137 participants.
 - Organised Capacity Building Workshop on Mission LiFE Awareness Programme & Importance of Soil Quality Testing jointly on 16/04/2026; 40 participants.
 - Organised Earth Day 2026 as open day on 22/04/2026; 1000 participants.
- **CSIR-NEERI**
 - Organised Skill Training Program on Artificial Intelligence and High-Performance Computing Training on Environmental Studies during 23-24/04/2026.
 - Organised lab visit for Central Ground Water Board (CGWB) Training Institute, Raipur, on 15/04/2026; 08 participants.
 - Organised Earth Day 2026 as open day on 27/04/2026.
- **CSIR-NPL**
 - Organised Skill Training Program on Fundamentals and Hands-on Training in Single Crystal Growth 09 -10/04/2026.
- **CSIR-SERC**
 - CSIR-SERC successfully Organised Training Program for Civil Executive Trainees of M/s. NTPC Ltd., during 27/04/2026-09/05/2026.

Conferences, Workshops, Major Events

- **CSIR-CDRI**
 - Organised talks on
 - Exploring how pathogens survive at host:microbial interfaces by Prof. Meera Unnikrishnan, Deputy Director, Biomedical Sciences, Warwick Medical School, University of Warwick, United Kingdom on 13/04/2026.
 - From Natural Inspiration to Synthetic Innovation by Dr. C.V. Ramana, Chief Scientist, CSIR-NCL Pune, on 09/04/2026.
- **CSIR-CECRI**
 - Conducted 24th National Convention of Electrochemists (NCE-24) on 27-28/04/2026 at Amrita Vishwa Vidyapeetham, Coimbatore.
- **CSIR-CFTRI**
 - Celebrated Platinum Jubilee of the institute on 03/04/2026.

- **CSIR- CGCRI**
 - Organised conference Computational and Data-Driven Advanced Materials (CDAM) 2026, during 07-08/04/2026.
 - Organised talks by Prof. Ashutosh Kumar Dubey (IIT BHU) on next-generation piezoelectric prostheses and Prof. Deepak Chopra (IISER Bhopal) on charge transfer cocrystals, followed by engaging scientific discussions that fostered collaboration and knowledge exchange on 22/04/2026.
- **CSIR- CLRI**
 - Celebrated 79th Foundation Day of institute on 27/04/2026.
 - Organised B.M. Das Memorial Lecture on Efforts in Drug Discovery through Natural Products and Process Development with Low Carbon Footprint. by Dr. D. Srinivasa Reddy, Director, CSIR-IICT, Hyderabad.
 - Organised Science Seminar on Recent Advancements in Synthetic Organic Chemistry on 27/04/2026.
 - Organised Foot Assessment programme to enable early diabetes risk detection during 23-27/04/2026.
 - Participated at national event on Transformation of Tribal Lives through Science and Technological Inventions at Bharath Mandapam, New Delhi during 12-13/04/2026.
- **CSIR- CMERI**
 - Celebrated 14th Foundation Day of Academy of Scientific and Innovative Research on 06/04/2026.
- **CSIR- CRRRI**
 - Organized an Intellectual Property Festival under the Rashtriya Boudhik Sampada Mahotsa/ National Intellectual Property Festival 2026 during 28-29/04/2026.
 - Participated at SYNERGIA 2026 organised by IIT Roorkee on 25/04/2026.
- **CSIR- CSIO**
 - Organised Industry Meet and Awareness Workshop on Industrial R&D and Innovation on 10/04/2026.
- **CSIR- IGIB**
 - Organised workshop on Cell and Molecular Biology 20-24/04/2026.
- **CSIR-IHBT**
 - Organised event on Bioeconomy from the Himalayas: Linking Labs, Land, and Industry on 10/04/2026.
 - Celebrated 14th Foundation Day of Academy of Scientific and Innovative Research on 28/04/2026.
- **CSIR-IICB**
 - Celebrated institutes' 70th Foundation Day on 02/04/2026.
 - Organized Colloquium on Pre-Disaster Preparedness on 27/04/2026.

- **CSIR-IITR**
 - Organised workshop jointly with SMCRI, Kulasekharam, Tamil Nadu on Scientific Writing & Ethics in Enhancing Publication (SWEEP) on 17/04/2026.
- **CSIR-IMMT**
 - Celebrated institutes's Foundation Day, 13/04/2026.
- **CSIR-NAL**
 - Organised lecture on Interpenetrating Metal/Ceramic Composites for Optimum Thermal and Mechanical properties.
- **CSIR-NCL**
 - Organised workshop on Mass spectrometry based metabolomics.
- **CSIR-NEERI**
 - Organised workshop on POPs and Chemicals of Concern (CoC) in Products on at Manak Bhavan, Bureau of Indian Standards (BIS), Delhi on 28/04/2026.
- **CSIR-NIIST**
 - Participated at AgriTech Summit in Tripuravasini, Palace, Bangalore, during 24-26/04/2026.

Visit of high level dignitaries

- **CSIR-AMPRI**
 - Prof. Vinod Kumar Singh, Member, CSIR Society; Chairman RC; Institute Chair Prof, IIT Kanpur, Chaired 52nd Research Council meeting on 16/04/2026.
- **CSIR-CFTRI**
 - Dr Jitendra Singh, Hon'ble Minister of Science and Technology and Earth Sciences, Govt. of India as Chief Guest on Platinum Jubilee of the institute on 03/04/2026.
 - Dr. Jitendra Kumar, Managing Director Biotechnology Industry Research Assistance Council (BIRAC), Dept of Biotech, Govt of India
- **CSIR-CIMFR**
 - Prof. Alexandra Zagalskaya, Assistant Professor, Department of Chemical & Biomolecular Engineering University of Massachusetts, Amherst, USA for Interaction Session-Cum-Seminar on 24/04/2026.
- **CSIR-CSMCRI**
 - Hon'ble Minister Smt. Nimuben Jayantibhai Bambhaniya, Honble Member of Parliament and Minister of State for Consumer Affairs, Food and Public Distribution, GoI, visited as chief guest in 73rd Foundation Day of institue on 10/04/26.

- **CSIR-IICT**
 - Mr. Tauchi Hitoshi, President & Mr. Adachi Mitsuhiro, Chief Researcher from IMRA Japan Co. Ltd, Japan; Mr. Shimizu Takayuki, General Manager from IMRA Japan Co. Ltd. India Branch Office, Hyderabad, visited to hold discussions on potential areas of collaboration on 15/04/2026.
- **CSIR-IITR**
 - Shri Rajeev Kumar Jain, Director General of All India Radio and Member of the Prasar Bharati Board, visited to hold discussions on potential areas of collaboration on 02/04/2026.
- **CSIR-NAL**
 - Hon'ble Justice Mr D K Singh & Hon'ble Justice Mr R Nataraj, High Court of Karnataka, Bangalore on 13/04/2026.
- **CSIR-NEERI**
 - Shri Rohit Suman R.R. Patil, Honble Member of Legislative Assembly (MLA), Tasgaon Kavathemahankal constituency, visited to know institutes capabilities and how its expertise can be leveraged to improve the lives of farmers in Maharashtra.
- **CSIR-NIIST**
 - Dr. Jaya V. Dev (ASU) and Dr. Kavitha (Senior Drug Inspector) from Drug Control Department, Govt. of Kerala visited CEAR division, to see the existing facility for QC, testing and to guide the division in establishing the AYUSH Licencing facility.

Honours/ Awards

- **CSIR-CECRI**
 - Institute received 17th CIDC Vishwakarma Award 2026 for Research & Development in the Construction Domain.
- **CSIR-CIMFR**
 - Dr. Harsh Kumar Verma, Scientist-G awarded TunnelTech 2026 Award by the Editor of Tunnel Times India Journal.
- **CSIR-CRRI**
 - Institute received the
 - ASSOCHAM Achiever Award 2026 under the category of innovative construction materials and products for developing geocells.
 - CIDC Award 2026 for excellence in R&D in the construction domain.
 - CIDC Achievement Award 2026 for developing REJUBIT, an advanced rejuvenating agent.
 - Dr. Ramesh Chandra Majhi, Dr. Minal Chandra, Er. Gagandeep Singh, and Mr. Satish Pandey the 17th CIDC Vishwakarma Awards 2026.

- **CSIR-IHBT**
 - Dr. Vandana Jaiswal awarded the Panjabrao Deshmukh Outstanding Women Scientist Award by ISAHRD at the 13th International Conference (2026).
- **CSIR-IICT**
 - Dr. S. Sridhar, Scientist-G, Department of Chemical Engineering & Process Technology, honored with the Shri Kamalesh Goel Memorial Lecture Award 2026 by the Indian Desalination Association (InDA) at InDACon-2026
- **CSIR-NPL**
 - Dr Shankar G Aggarwal received "Letter of Appreciation" from BIS for his significant contribution in standard development in CHD 35 .
- **CSIR-SERC**
 - Institute received "Vishwakarma Awards" for "Achievement award for R&D in Construction Domain and Condition Assessment in Civil Infrastructure/Construction Domain" (code L)"
 - Dr. B. Arun Sundaram, Scientist-F, received "Achievement Award for Scientists" at 17th CIDC Vishwakarma Awards.

DEPARTMENTAL ACTIVITIES

DSIR is the nodal department for granting recognition to in-house R&D units established by corporate companies, Scientific and Industrial Research Organizations (SIROs) and registration to Public funded research Institutions like universities, IIT's, IISc, Regional Engineering College (RECs) other than hospitals. R&D units recognized by DSIR are eligible for Customs Duty Exemptions and weighted tax deductions on R&D expenditure by Industry.

Industrial R&D Promotion Programme (IRDPP)

Recognition/ Registration and Renewal of In-house R&D in Industry

- 19 in-house R&D units of industries were granted Recognition & Registration Certificates
- 40 in-house R&D unit of industries was granted renewal of Recognition & renewal of Registration certificate.

Scientific and Industrial Organizations (SIRO)

- 13 SIROs were granted Recognition and 12 SIROs were granted Registration Certificates.

Public funded research Institutions (PFRI)

- 5 PFRI's were granted Renewal of Registration Certificates.

Fiscal Incentives for Scientific Research u/s 35(2AB) of IT Act 1961

R&D Expenditure of Rs. 5243.35 Crores certified for 3CL Report to CCIT(E) for 10 approved companies u/s 35(2AB) of IT Act.

Industrial Research and Development (IRD)

The scheme comprises of the four sub-schemes (i) Promoting Innovations in Individuals, Start-ups and MSMEs (PRISM), wherein financial assistance is extended to independent innovators for converting innovative ideas into demonstrable working models / prototypes / processes that may take the form of new or improved products, processes, or services; and assist them to become incubatees / techno-entrepreneurs, (ii) Patent Acquisition and Collaborative Research and Technology Development (PACE), wherein support shall be provided to industries and institutions for development and demonstration of innovative technologies, (iii) Building Industrial R&D and Common Research Facilities (BIRD), wherein support shall be provided for creation of Common Research and Technology Development Hubs (CRTDH) for use by entrepreneurs and industries and (iv) Access to Knowledge for Technology Development and Dissemination (A2K+) wherein studies and conferences in up-coming areas of industrial research shall be taken up besides undertaking a Technology Development and Utilization Programme for Women (TDUPW).

Promoting Innovations in Individuals, Start-ups and MSMEs (PRISM):

The following seven projects were reviewed during the month:

- Autonomous Beehives
- Mera Sathi AgRo
- Sustainable Power: Revolutionizing Emission Control in Diesel Generators
- Wearable Adaptive Optical Active Camouflage Technology
- Pallet shuttle system
- Ambu bag pressing Machine
- Development of Garbage Cleaning Machine

Common Research and Technology Development Hubs (CRTDH) :

The on-going Projects at following two CRTDH were reviewed during the month:

- CRTDH-NIPER, Mohali in the area of New Materials and Chemical Processes
- CRTDH - Delhi Pharmaceutical Science & Research University (DPSRU), Delhi in the area of Affordable Healthcare

Technology Development and Utilization Program for Women - TDUPW /A2K+:

Around 142 Women Beneficiaries were trained during the month of April, 2026 in the field of Sericulture, Aquaculture, food fortification and processing, Ready to Eat food preparation & packaging, paper recycling, handicraft/handloom, agri-technology under various on-going projects supported under TDUPW/A2K+ sub-scheme of IRD Program of DSIR.

Asian & Pacific Centre for Transfer of Technology (APCTT):

- DSIR officials attended a meeting with Joint Secretary, Department of Commerce (DoC) on 10.04.2026 to discuss the activities being carried out by APCTT and DSIR.
- DSIR officials attended Side Event (Online) on “Advancing Inclusive Technologies for All Ages: On-device AI, Robotics, Living Labs, and Health Care Confirmation on 23.04.2026. The side event is jointly organized by APCTT, Ministry of Science and ICT of the Republic of Korea and the Embassy of the Republic of Korea.

PUBLIC SECTOR ENTERPRISES

Central Electronics Limited (CEL)

CEL is an Enterprise under DSIR having an objective to commercially exploit the indigenous technologies developed by national labs and R&D institutions in the country. CEL has developed a number of products through its own R&D efforts and continues to emphasize its leading role in the area of solar photovoltaic systems, electronic gadgets for Railway and other strategic electronic equipment/components among others.

The company manufactured electronic components/systems/SPV products worth Rs- 139.23 lakhs during the month. Sale of electronic components/systems/SPV products worth Rs. 148.59 lakhs was realized during the month.

National Research Development Corporation (NRDC)

NRDC is an Enterprise under DSIR with the primary objective to promote, develop and commercialize the technologies / know-how / inventions / patents / processes originating from various national R&D institutions / Universities.

- The Corporation licensed following five technologies :
 - Electric Tractor to M/s. ScanNxt Scientific Technologies Pvt. Ltd
 - Graphene from Sub-bituminous Coal to M/s. Altravia Global Pvt. Ltd
 - Jowar flour to M/s. Agrofed farmer producer company Ltd
 - Millet roti to M/s, Agrofed farmer producer company Ltd
 - C-Phycocyanin from Marine Spirulina to M/s. UNXG Tech Pvt Ltd
- The Corporation has signed following 4 MoU/ MoA with :
 - Anurag College of Pharmacy Warthi, Bhandara
 - NMDC Limited
 - Navsari Agriculture University, Gujarat
 - Indo Korean Centre for Research and Innovation (IKCRI)
