

Department of Chemical Engineering, CBIT, Hyderabad-500075

Faculty Achievements for the Academic Year 2024-25

S. No	Faculty Achievements (Type)	Total Number
1	Patent published/granted/filed	4
2	Journal Publications	10
3	Conference Publications	28
4	Books/Book Chapters Published	5
5	Research and consultancy and Funded Projects	15
6	FDP/ workshop/ seminar attended	12
7	Acted as Resource Person	10
8	Awards won by the faculty	6

1. Patents Published/Granted/ Filed

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YY YY)	attach source of proof i.e. URL/website links, etc.
1	202441058603	Published	AGITATOR HAVING MIXING SHAFT WITH DISSIMILAR IMPELLERS FOR HOMOGENEOUS MIXING OF NON-NEWTONIAN FLUIDS	Mekala Mallaiah, Venkat Sainath Reddy Munnangi, Ch. Indira Priyadarshini, K. Prasad Babu, P. Prabhakar Reddy	02/08/2024	09/08/2024	https://iprsearch.ipindia.gov.in/PatentSearch/PatentSearch/ViewPDF
2	File no: 380822-001	Granted	A Novel Device Using Enzymatic Biosensors For Pesticides	Dr. R. Venkat Reddy; Dr. M Mukunda Vani; Dr.S V G V A PRASAD; Dr Lakshmi D	05/03/2023	25/07/2024	https://drive.google.com/file/d/1wXVaqRWthDZbiWgkwNFHj-G35IEWtV0v/view?usp=sharing

3	File no: 381108-001	Granted	SOLAR ROBOT	Dr. R. Venkat Reddy, Dr. M Mukunda Vani, Dr.S V G V A Prasad, .Dr Lakshmi D.	09/03/2023	31/07/2024	https://drive.google.com/file/d/12TsVBDNKCOJBMcxBGjIJ0Cqwr3GyZWsh/view?usp=sharing
4	202411103502 A	Published	NANO SYSTEM WITH INTERNET OF NANO-THINGS FOR SOIL INDEX PROPERTIES	SAILAJA PASUPULETI, DR. PRASHANT KUMAR, DR. M. MUKUNDA VANI	27/12/2024	10/01/2025	https://drive.google.com/file/d/1zGEmWqBOBFRMuFuIQRzYZK6HeZgSds8t/view?usp=sharing

2. Journal Publications

S.No	Title of the Paper	Authors	Name of Journal	Scopus/Web of Science	Month and Year of Publications	ISSN No of the Journal	Impact factor	Link to PDF Paper
1	Aerobic granular sludge-based sustainable wastewater treatment: Process, bottlenecks, and knowledge gap through scientometric perspective	Pingili Vydehi , Gobinath Ravindran , G. Shyamala , Sri Bala G , Vamsi Nagaraju T, Mallaiah Mekala , Rama Rao Karri	Journal of Hazardous Materials Advances	SCI	November 2024	2772-4166	5.5	https://doi.org/10.1016/j.hazadv.2024.100462
2	Development of Nanosponge Formulations of Rosuvastatin for Oral Delivery Using a Central Composite Design	Lakshmana Rao Jeeru · Snigdha Senapati, Narendra Singh Chaudhary,B. V. S. Praveen, Narayan C. Pradhan	Indian Journal of Pharmaceutical Education and Research	Scopus	June 2024	0019-5464	-	https://doi.org/10.5530/ijper.58.3.86

3	Comparative Analysis of Bioplastic Sheets Derived from Biowaste Using Various Plasticizers	S. Abhitha, P. Amulya, Aman Dubey, BVS Praveen, P. Madhuri	Arabian Journal for Science and Engineering	SCI	Jan 2025	2191-4281	2.6	https://doi.org/10.1007/s13369-024-09891-w
4	Fabrication, progress and future perspective of MXene/polymeric nano composites for electromagnetic shielding application – A review	Mayank Pandey , C. Anju , B.V.S. Praveen , Ali Dashan , Raj Kumar Verma ,Bahram Ramezanzadeh	Composites Part A: Applied Science and Manufacturing	SCI	March 2025	1878-5840	8.1	https://doi.org/10.1016/j.compositesa.2024.108682
5	Kinetics of toluene disproportionation over modified HZSM-5: selective synthesis of p-xylene	Sadhana Noothi, Narender Malothu, Vishnu Pulavarthy, Praveen BVS	Reaction Kinetics, Mechanisms and Catalysis	SCI	Jan 2025	1878-5204	1.7	https://doi.org/10.1007/s11144-024-02791-y
6	Biodiesel Production from Non-Edible Mixed Oils: A Sustainable Approach Using Jatropha, Karanja, and Waste Cooking Oil	Sadia Husaini, Akshara Kadire, Raj Kumar Verma And Madhuri Pydimalla	Bulletin of Material Science	SCI	April 2025	0250-4707	1.9	https://doi.org/10.1007/s12034-025-03414-5
7	Indexical methods assessing PTEs distribution in Mahan river command area, central India's coal mining zone	Nirmal Kumar, Mahendra Kumar Tiwari, Rambabu Singh, Sudhakar Singha, Soumya S. Singha and Prasad Babu.K	Geochemical Transactions	SCI	April 2025	1467-4866	4.2	025) 26:2 https://doi.org/10.1186/s12932-025

8	Nature-powered bio-cathodes: Synergistic effects of laccase immobilization and green nanoparticles on enhanced PGEs for sustainable biofuel cells	Shruthi Keerthi D, M. Mukunda Vani , Likith G., Sai Nikhil B., Balaji Krishnamurthy	Bioelectrochemistry, Volume 165, 108996	SCI	April 2025,	S1567-5394(25)00099-4		https://doi.org/10.1016/j.bioelechem.2025.108996
9	Optimization of pencil graphite electrodes through green-synthesized iron nanomaterials for enhanced biofuel cell performance	D. Shruthi Keerthi, M. Mukunda Vani, Sadhu Tharun, M. R. Sai Teja & Balaji Krishnamurthy	Ionics, Volume 31, pages 623–639, (2025)		November 2024			https://doi.org/10.1007/s11581-024-05924-4
10	Enhancing Jatropha oil biodiesel by using Citrus Limetta peels as a biocatalyst: A sustainable way to reduce emissions and enhance the efficiency of CI engine	D Divyachandrika , J Hemanandh , Praveen Barmavatu , Botla Ganesh	International Journal of Thermo uid 24 (2024) 100989	SCI	November 2024	26662027	8.71	https://doi.org/10.1016/j.ijft.2024.100989

3. Conference Publications

Sl. No.	Name of the Author/s	National / International	Date of conference from and to (DD-MM-YYYY)	Name and Details of the Conference	Title of the paper	Proof of Conference paper
1	Sathwika B., P. V. Naga Prapurna, R. Prasanna Rani	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental	Life Cycle Assessment of Polypropylene Waste Recycling	https://drive.google.com/file/d/1_hr5bSKHykc9r

				Developments” (ICSEED-2024)	through Chemical Depolymerization	n4ctwiUXod4pi7jpR1W/view?usp=drive_link
2	Vaishnavi L, Prasanna Rani, Abhilash, Praneeth, Sadaf, Naga Prapurna	International	06-02-2025 to 07-02-2025	Recent Advancements in Chemical, Environmental, and Energy Engineering (RACEEE-2025).	Eco- Friendly Solutions for Floral waste: Essential oils,Dyes,and Bioadsorbents	https://drive.google.com/file/d/13The0b70NcT6Y5PSbO5_bgErvTqQ0xLC/view?usp=drive_link
3	Sathwika, Anil Kumar, Umadevi, Naga Prapurna, Prasanna Rani	International	06-02-2025 to 07-02-2025	Recent Advancements in Chemical, Environmental, and Energy Engineering (RACEEE-2025).	Advanced approach for recovery of Carbon Black from Waste materials: A Sustainable Approach for Circular Economy and Energy Applications	https://drive.google.com/file/d/13The0b70NcT6Y5PSbO5_bgErvTqQ0xLC/view?usp=drive_link
4	K Vidya, Sanjana Pali, Dr. M Mukunda Vani	National / International	23-04.2025 to 25-04-2025	Catalysis 2k25 under Technosmania 2k25, Organized by Department of Chemical Engineering, University college of Technology, OU	Design and Optimization of Pyrolyticconversion of polypropylene to liquid fuels	https://drive.google.com/file/d/1WRSbg3FcqCaqeR0kgLsGD5Q_Upq-Q-fg/view?usp=sharing
5	K Vidya, Sanjana Pali, Dr. M Mukunda Vani	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Design and Optimization of a Pyrolytic conversion process for polypropylene to liquid fuels	https://drive.google.com/file/d/1ZZaqp99yK7Q5XuDFTQiXhT2OV9KmxZzN/view?usp=sharing
6	Shravya Kolluru, Jyothi Kersagar, Dr. M Mukunda Vani	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	A review on Potential application of biobased cellulose nanocrystals	https://drive.google.com/file/d/170FIUTJQEZB BuFUdGvqEZilZebzcrQz/view?usp=sharing

7	P V Naga Prapurna	National	13-12-2024 to 14-12-2024	Poster presentation on 6th Research day, organized by R and D Department, CBIT	Regal Essence: Unveiling the Potential of Plant Waste in Essential Oil Innovation	https://drive.google.com/file/d/1e_by1dFpgssqoCX_dEcQxX4sHVTXhsTM/view?usp=sharing
8	Shruthi Ravinder, Shanmukhi	National	13-12-2024 to 14-12-2024	Poster presentation on 6th Research day, organized by R and D Department, CBIT	Eco-Friendly Nanoparticle-Coated Membranes for Enhanced Microbial Fuel Cell Performance: A Green Synthesis Approach	https://drive.google.com/file/d/1jwkM1_4fAOGhYzDEFgq709UfYUgeBwj4/view?usp=sharing
9	K Vidya, Sanjana Pali, Dr. M Mukunda Vani	National	13-12-2024 to 14-12-2024	Poster presentation on 6th Research day, organized by R and D Department, CBIT	Designing an Efficient Pyrolytic Conversion Process for Polypropylene to Produce Liquid Fuels	https://drive.google.com/file/d/1CqOJTY3vZGNAmNlrU6D1aIpHCDegbQyW/view?usp=sharing
10	Shravya Kolluru, Dr. M Mukunda Vani	National	13-12-2024 to 14-12-2024	Poster presentation on 6th Research day, organized by R and D Department, CBIT	Cellulose Nanocrystals (CNCs) from Biomass: A Review of Potential Uses and Future Directions	https://drive.google.com/file/d/1CMc1JxXOWpMalTxiDC5qkp2hZbPjlcwT/view?usp=sharing
11	Sandeep Malothu Tharun Nunsavath , Raju N , Srinath Suranani	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Kinetic studies and model development for salicylic esterification reaction with amyl alcohol over heterogeneous catalyst	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
12	Bhavani Pokala , Shaik Anwar , Prasad Bau Koorla , Ramesh Kola , Mallaiah Mekala	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Biodiesel production from waste cooking oil using Idion-140 catalyst: Optimization studies with RSM	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link

13	Laxmi Tanmai Padugupadu , Doddi Jai Niketan , Mallaiah Mekala	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED- 2024), organized by Department of Chemical Engineering, CBIT	Analysis of Chemical Looping Combustion through Aspen Plus Software	https://drive.google.com /file/d/11- B9RkfcrQSahe6g6XJc CEGPB_fJ2cH/view?us p=drive_link
14	Sneegdha Endla, Rithvika Angirekula, Dhruv Gollapudi, BVS Praveen, Madhuri Pydimalla	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED- 2024), organized by Department of Chemical Engineering, CBIT	WASTE TO RESOURCE: OPTIMIZING DRY LEAF PULPING FOR SUSTAINABLE PAPER PRODUCTION	https://drive.google.com /file/d/11- B9RkfcrQSahe6g6XJc CEGPB_fJ2cH/view?us p=drive_link
15	Ch Nickey, Bellamkonda Vishnu Teja, Teegalapally Chendana, Vantipuli Anvitha Raj, BVS Praveen, Madhuri Pydimalla	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED- 2024), organized by Department of Chemical Engineering, CBIT	SUSTAINABLE BIOPLASTIC SHEETS FROM STARCH AND CELLULOSE BASED MATERIALS WITH NATURAL PLASTICIZERS FOR ECO- FRIENDLY DISPOSAL	https://drive.google.com /file/d/11- B9RkfcrQSahe6g6XJc CEGPB_fJ2cH/view?us p=drive_link
16	A.V. Raghavendra Rao, Kanganti Anjali , K.Ram Mahish , Lakhinana Sarath , Vadde Praveen , N. Vikas Reddy ,T.Sherya , K.Vasu , Ganesh Botla	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED- 2024), organized by Department of Chemical Engineering, CBIT	Production of Bioplastic from Fruit Waste: Potential, Process and Challenges and Applications: A Review	https://drive.google.com /file/d/11- B9RkfcrQSahe6g6XJc CEGPB_fJ2cH/view?us p=drive_link
17	Kersagar Jyothi, K varshini, BVS Praveen, Raj Kumar Verma	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED- 2024), organized by Department of Chemical Engineering, CBIT	Bio-oil production and characterization by Lignocellulosic pyrolysis	https://drive.google.com /file/d/11- B9RkfcrQSahe6g6XJc CEGPB_fJ2cH/view?us p=drive_link

18	Syed Sayeeduddin Ahmed, Sheri Sai Kumar, S. Kalyan Sai, Dhanush Chengal, Prasanna R. Redapangu	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Plant Waste-Derived Copper Nanoparticles for Sustainable and Efficient Wastewater Treatment	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
19	Koduri Manvitha, Nelaturu Sailaja, Amay Vanneldas, Dhanush Chengal, Rupesh Gadde, Prasanna R. Redapangu	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Sustainable biopolymer production Agrowaste: Characterization and optimization	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
20	Mechiri Sandeep Kumar , A Varun, BVS Praveen	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Experimental Investigation of Thermal Conductivity, Viscosity and Contact Angle of Cu-ZnAg/Vegetable Oil Hybrid Nanofluids	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
21	Ch. Sruthi, D. Jai Niketan, Raj Kumar Verma, BVS Praveen	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Inorganic Flame Retardants: A Comprehensive Review of Their Properties and Applications	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
22	Renu Prakash , Dhruv Gollapudi , B. Ganesh , Gubbala V. Ramesh	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	One-Pot Synthesis and Antibacterial Properties of g-C ₃ N ₄ /ZnO Nanocomposites	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link

23	V. Jairam, R. Pattabhi Ramaraju, M.S.Farhaan, BVS Praveen	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Recent Advances in Janus Nanoparticles: A Review of Synthesis Strategies and Engineering Applications	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
24	Surya Tej Valluri ,Shrinidhi Tavag ,Nukula Mohith Satyavardhan ,Bulusu Venkata Sesha Praveen, Madhuri Pydimalla,Raj Verma	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	AN OVERVIEW ON SUSTAINABLE PAPER MAKING USING CORNHUSK AND COCONUT COIR	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
25	Deepika Bayikade , Sai Praneeth Birudu , Madhuri Pydimalla , NLN Reddy	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	UTILIZATION OF DELONIX REGIA PODS FOR PRODUCTION OF VALUE ADDED PRODUCTS	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
26	Mundavar Praveen Kumar, Kammari Shivani, and Dr . BVS Praveen	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Feasibility studies on the production of biofuels from biomass	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link
27	Teegalapally Chendana, Vantipuli Anvitha Raj, Madhuri Pydimalla	International	13-12-2024 to 14-12-2024	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Synthesis of Adsorbent from Paper Waste Utilizing Sustainable Precursors for Wastewater Treatment	https://drive.google.com/file/d/11-B9RkfcrQSahe6g6XJcCEGPB_fJ2cH/view?usp=drive_link

28	Bhavani Pokala , Shaik Anwar , Prasad Bau Koorla , Ramesh Kola , Mallaiah Mekala	International	13-12-2024 to 14-12-2025	“Sustainable Energy and Environmental Developments” (ICSEED-2024), organized by Department of Chemical Engineering, CBIT	Biodiesel production from waste cooking oil using Idion-140 catalyst: Optimization studies with RSM	https://drive.google.com/drive/u/0/folders/1Hg4GpDEScvLlvEFwscT95tghYIMCTrXW
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4. Books/Book Chapters

Sl. No.	Name of the Author/s	Title of the Book/Book Chapter	Month and Year of Publications	Name of the publisher	Insert Link of proof of Book/ Book Chapter
1	BVS Praveen and Rupam Sinha	Environmental aspects of food waste-to-energy conversion	July 2024	CRC Press	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003502012-8/environmental-aspects-food-waste-energy-conversion-praveen-rupam-sinha
2	BVS Praveen, P. Madhuri, Raj Kumar Verma, Anup Ashok and Sampat G. Deshmukh	Metal Oxide Thin Films: A Comprehensive Study of Synthesis, Characterization and Applications	July 2024	Bentham Science Publishers	https://www.eurekaselect.com/chapter/22782
3	A. V. Raghavendra Rao , Rompicherla Srividya , V. Sravani Sameera , Bhaskar Bethi , K. S. N. V. Prasad , Thangallapalli Srinivas , B. Ganesh and B. V. S. Praveen	Safety First: Managing Hydrogen in Production, Handling and Applications	May 2024	Walter de Gruyter GmbH & Co KG	https://doi.org/10.1515/9783111246475-012

4	M. Mukunda Vani, D. shruthi Keerthi, R. Prasanna Rani	Green synthesized nanomaterial coatings for high performance electrodes, Functional Coatings: Innovations & Challenges	4th October 2024	John Wiley & Sons, Inc., NJ, USA,	https://drive.google.com/file/d/1rtQvVVLEhpZAMIM-7UyxtLBv5EE43Saf/view?usp=sharing
5	Dr.K.Prasad Babu ,N.Nishitha Reddy	Recovery of Lead and Zinc Minerals from Complex Ore by Using Microbe Mineral Surface Interaction.	May, 2025	Springer Nature	https://link.springer.com/book/10.1007/978-981-96-3841-3

5. Research and consultancy and Funded Projects

In-house Funded Projects

S.N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Rs.)	Amount Utilized (Rs.)	Outcomes of the project	Link for proof
1	Dr. M.Mallaiah	Production of biodiesel from waste oil esterification	1 Year	50,988/-	50,988/-	1 SCI Journal	https://drive.google.com/file/d/1Sly2jVc-DZKG77gB0_pkyCbh2LOOKNcg/view?usp=sharing
2	Dr. Raj Kumar Verma	Fabrication of continuous micro reactor for the electro chemical reduction of CO ₂	1 Year	1,93,000/-	1,93,000/-		https://drive.google.com/file/d/1XLFENH4wTg57gYbSC8meJXNPLEStcYp5/view?usp=sharing
3	Dr. M Mukunda vani	Green Synthesized Nanoparticle coated membranes for CBIT (A) Hyderabad (Seed grant)Microbial Fuel Cell Applications	1 Year	2,30,277/-	2,30,277/-		https://drive.google.com/file/d/1ZxOB52xQSIQW_ncg7Qhpre2Cpmd_t1gU/view?usp=sharing

4	Dr. P. Madhuri	Pulp, Handsheet and Black Liquor Characterization of Hardwood Species (Beach Sheoak) after Kraft Cooking and Bleaching Process	1 Year	2,38,670/-	2,38,670/-		https://drive.google.com/file/d/167kGLYmoMFq5OmEqoNVgkniBjlrWkfay/view?usp=sharing
5	Dr. P V Naga Prapurna	Harnessing natural value added products from floral waste: Sustainable approach towards zero waste	1 Year	50,957/-	50,957/-		https://drive.google.com/file/d/18HONoS1dtzP1Nm3O-SVp6L5pHS_wKn6r/view?usp=drive_link
6	Dr. Prasanna Rani R	Valorization of fruit peel waste as a potential source to produce Cu nano particles for insitu trapping of nutrients for modern agricultural practices	1 Year	1,57,854/-	1,57,854/-		ViewFile
7	Dr. B. V. S. Praveen	Synthesis of carbon dots from water melon peel for the sensing of CrVI in water samples and photo detection applications	1 Year	1,63,049/-	1,63,049/-	1 SCI Journal	https://drive.google.com/file/d/15R_6VqF4v2wE7c1J4yAH4sQa05gQwUtU/view?usp=sharing
8	Dr. Prasanna Rani R	Sustainable bio plastic film from agriculture residues with egg shells as plasticizer for biodegradable bags	1 Year	43,205/-	43,205/-		ViewFile
9	Dr. P. Madhuri	Synthesis of Biodegradable catalyst and its utilization for biodiesel Production using Non-edible oils	1 Year	25000	25000		https://drive.google.com/file/d/1N8hCQG0Zu-uUp6QH7H2tqP-xcE6Z7Ze/view?usp=sharing
10	Dr. P. Madhuri	Innovative Application of Dry Waste (Leaves & Flower Petals) in Eco-Friendly Pulp and Paper Production	1 Year	17000	17000		https://drive.google.com/file/d/1zHsPI4WKN7CJTvzWYEPGHQVO-oD5OI1o/view?usp=sharing

11	Dr. P. Madhuri	A Novel utilization of dry leaves for synthesis of Bio-adsorbents	1 Year	20956	20956		https://drive.google.com/file/d/1AJ7u4T0pXeLoL5tbgdskXBnOVXp0vuQA/view?usp=sharing
12	Dr. M Mukunda vani	Development of cellulose nanocrystals with cotton plant extract as a membrane	1 Year	10000	10000		https://drive.google.com/file/d/14Zeq5aMGHeuzStILVGdXZCNgWqLw9AYu/view?usp=sharing
13	Dr. M Mukunda vani	Pyrolysis of waste plastic to functional oils	1 Year	30000	30000		https://drive.google.com/file/d/1jTa3SXINor7Z_2Cpm1p3zboFYTyIESbD/view?usp=sharing
14	Dr. Prasanna Rani R	Synthesis, Characterization of biodegradable plastic films using RSM	1 Year	38000	38000		https://drive.google.com/file/d/1auYeG5oABTAp5Ef7y2Vhp7EVVGHmvBaj/view?usp=sharing
15	Dr. Prasanna Rani R	Turning trash into treasure: Plant and waste derive nano materials for agricultural advancement	1 Year	37100	37100		https://drive.google.com/file/d/12plat_llpFk9dHSEstHdek_woCoeDVPz/view?usp=sharing
Amount received (Rs.)					13,06,056		

6. FDP/ Workshop/ Seminar attended by Faculty

Sl. No.	Month and year of the event	Faculty Name	Event Name	Date of event from and to (DD-MM-YYYY)	No of days	National / International	Name and Details of the Event	Insert Link of proof of Certificate
1	Jan. 2025	P. Madhuri	FDP	20/01/2025 to 25/01/2025	6	National	"AI-driven Innovations: Transforming Core Engineering Disciplines", organized by SRI SIVASUBRMANIYA NADAR COLLEGE OF ENGINEERING	https://drive.google.com/file/d/1hA6RqIXhsKJipmMT79v2D3i2-JKvSuwD/view?usp=sharing
2	Jan. 2025	P. Madhuri	FDP	27/01/2025 to 31/01/2025	5	National	"ICT Tools for Smart Educators", organized by NITTTR	https://drive.google.com/file/d/1YNIGGLdPzlhCAfYa6CbYITG_VPk-wYeF/view?usp=sharing
3	Mar. 2025	P. Madhuri	FDP	03/03/2025 to 07/03/2025	5	National	"IoT and Data Analysis of Sensor Data", organized by NITTTR	https://drive.google.com/file/d/1Y1DOTXxcw0mBcPT4y3qk1UQZgWHL-rU7/view?usp=sharing
4	Jan. 2025	Dr P. V. Naga Prapurna	ATAL-FDP	20/01/2025 to 25/01/2025.	6	National	"AI-driven Innovations: Transforming Core Engineering Disciplines", organized by SRI SIVASUBRMANIYA NADAR COLLEGE OF ENGINEERING	https://drive.google.com/file/d/1n355_2xd6V821eCSkcosuatK9zGDa55m/view?usp=drive_link
5	Feb. 2025	Dr P. V. Naga Prapurna	ATAL-FDP	10/02/2025 to 15/02/2025	6	National	Strategic Leadership in Manufacturing & Industry 4.0: Driving Innovation for the Future, organised by CBIT	https://drive.google.com/file/d/1y15QrqBq3-SLIHGxZROHuFcodchRIQNV/view?usp=drive_link
6	Oct. 2024	Dr P. V. Naga Prapurna	Short-Term Course (STC)	21/10/2024 to 25/10/2024	5	National	Recent Advancements in Wastewater Treatment Techniques (RAWTT-2024), Department of Chemical Engineering, NIT Srinagar.	https://drive.google.com/file/d/13RGcHzFCBTL0I9IH0TA6s6vOMOfO5Gt2/view?usp=drive_link

7	Sep. 2024	Dr P. V. Naga Prapurna	i-FDP	09/09/2024 to 14/09/2024	6	International	Nano Innovations: Shaping the world of Tomorrow (NISWT24)	https://drive.google.com/file/d/1GEBpCIVulY_72-3WY8EMyDMbY6Fa1QxG/view?usp=drive_link
8	Jan. 2025	Dr. M Mukunda Vani	ATAL-FDP	20/01/2025 to 25/01/2025.	6	National	"AI-driven Innovations: Transforming Core Engineering Disciplines", organized by SRI SIVASUBRMANIYA NADAR COLLEGE OF ENGINEERING	https://drive.google.com/file/d/1I3lrsUIHVnbPZrb17VzEf9kQ0_0ZbP_2/view?usp=sharing
9	Aug. 2024	Dr. M Mukunda Vani	FDP	5th August to 10th August 2024	6	National	Technological advancement in synthesis of Novel Materials, organized by Department of Mechanical Engg, CBIT	https://drive.google.com/file/d/1q3fGd7NV8w5aWvLoy13BkhlJcRaI5QxL/view?usp=sharing
10	Feb. 2025	Dr.B.Ganesh	FDP	24/02/2025 to 01/03/2025.	5	National	Sustainable Carbon-Free Technologies for Hydrogen Generation and Storage at National Institute of Technology Tiruchirappalli	https://drive.google.com/file/d/11322RMLWK4TrA6Ovn1fD6sawXnr5Kdab/view?usp=sharing
11	Sept-Oct.2024	Dr. Prasanna Rani R	FDP	30th September 2024 to 4th October 2024	5	National	Emerging Technologies and Innovations: Pioneering Environmental Sustainability (ETIPES-2024), organized by Department of Chemical Engineering, K.K. WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH	https://drive.google.com/file/d/18f7qqHQAAbMxU8MzspVHWawpycLJ4ysGE/view?usp=sharing
12	Mar. 2025	Dr. Prasanna Rani R	FDP	17/03/2025 to 21/03/2025	5	National	Enhancing Research Capabilities for Academic Career Progression Conducted by Entrepreneurship Development and Industrial Coordination Department, NITTTR Chandigarh	https://drive.google.com/file/d/1ZgV6nB2MuMwgb6JBux4eBcHTBGOa-pHj/view?usp=sharing

7. Acted as Resource Person

Sl. No.	Faculty Name	Academic Year	Event in which acted as resource persone	Role	In-house\ Outside	Name and Details of the events	Insert Link of proof of Certificate
1	Dr P. V. Naga Prapurna	2024-25	International Conference	Session chair for Panel discussion	In-house	Transforming Education: Exploring the Impact of E-Learning Platforms in Bharat for Vision Viksit Bharat @2047 held on 14–15 February 2025 at CBIT, Hyderabad, sponsored by ICSSR, New Delhi.	https://drive.google.com/file/d/1_ZbCY36PfueU0mgbLXNYFtLkQapDZgn5/view?usp=sharing
2	Dr P. V. Naga Prapurna	2024-25	International Conference	Reviewer - Technical	Outside CBIT	Innovations in Pharmaceutical Engineering and Healthcare Systems (INPHES - 2024), 23-24 December 2024 by Department of Pharmaceutical Engineering, BVRIT, Narsapur, Medak, Telangana, India.	https://drive.google.com/file/d/1ZDNKXhfja3gBegLJ48V3s1NO9rA77sFA/view?usp=sharing
3	Dr P. V. Naga Prapurna	2024-25	International Conference	Session chair	In-house	Sustainable Energy and Environmental Developments” (ICSEED-2024) held during 13th - 14th December 2024, Department of Chemical Engineering at Chaitanya Bharathi Institute of Technology, Hyderabad, India.	https://docs.google.com/presentation/d/1qW7iAg1k-BOcIveaB4aNiNFyWzV-6wZ/edit?usp=drive_link&ouid=108992058501297066996&rtpof=true&sd=true
4	Dr. P. Madhuri	2024-26	International Conference	Session chair	In-house	Sustainable Energy and Environmental Developments” (ICSEED-2024) held during 13th - 14th December 2024, Department of Chemical Engineering at Chaitanya Bharathi Institute of Technology, Hyderabad, India.	https://drive.google.com/file/d/1ltLQ6G2yKVfSngxGbxJhakHh0lWiVjNx/view?usp=sharing
5	Dr. M Mukunda Vani	2024-25	International Conference	Session chair	In-house	Sustainable Energy and Environmental Developments” (ICSEED-2024) held during 13th - 14th December 2024, Department of Chemical Engineering at Chaitanya Bharathi Institute of Technology, Hyderabad, India.	https://drive.google.com/file/d/1VLlMkQTGXegTj_BChQKyM8EyGI3Q8R3W/view?usp=sharing

7	Dr. M. Mukunda Vani	2024-25	Training program	Guest Lecture	Outside CBIT	Newly Recruited GP 'A' Officers (Probationers) of Military Engineer Services by Engineering Staff College of India, Hyderabad from 16th December 2024– 4th January, 2025 on 2nd January 2025	https://drive.google.com/file/d/1B891-z6jvdX0BI3OValsdDOFGnt6MLhS/view?usp=sharing
8	Dr. M. Mukunda Vani	2024-25	Subject Expert	Members of Selection Committee	Outside CBIT	Member of Selection Committee for the Walk-in Interview against CSIR-IICT Notification No. 11/2024 on 30th September 2024	https://drive.google.com/file/d/1nwOCIVbPEC_QHnEasz7PK6lhII5JnvT/view?usp=sharing
9	Dr. M. Mukunda Vani	2024-25	Subject Expert	Members of Selection Committee	Outside CBIT	Member of Selection Committee for the Walk-in Interview against CSIR-IICT Notification No. 14/2024 on 8th January 2025	https://drive.google.com/file/d/1e2zHqZXylo6zwJCilqrMzkJWILDsrI46/view?usp=sharing
10	Dr. M. Mukunda Vani	2024-25	Subject Expert	External Examiner for MTech	Outside CBIT	External Examiner for MTech students at University College of Technology, Osmania University on 21st September 2024	https://drive.google.com/file/d/1cNsd9hXiU_WhtA2aS584Xn6B8GJxBQ2/view?usp=sharing

8. Awards won by the faculty

Sl. No.	Faculty Name	Date	Details of the Awards/ Recognitions	Proof Links
1	Dr. M. Mallaiiah	13/12/2024	Funding through sponsored consultancy projects/best consultancy award	https://drive.google.com/file/d/1DHnFcT8h3Q7BsBvzL92GLNjqOaEQQ2D6/view?usp=sharing
2	Dr. P.V. Naga Prapurna	07-03-2025	won 2nd Prize at Women Hackathon 3.0 in the category Environmentally Sustainable Practices, organised by National Institute for Micro, Small and Medium Enterprises (ni-msme), Yosufguda, Hyderabad as part of International Women's Day celebrations on 7th March, 2025 from Dr Anasuya Seethakka, Honorable minister for Panchayati Raj & Rural Development, Rural Water Supply, Women and Child Welfare in Government of Telangana	https://drive.google.com/file/d/1U1wD3KB5ZM6wCS9fgQImQTIE_WUgdTWi/view?usp=sharing

3	Dr. R. Prasanna Rani	07-04-2025	won 2nd Prize at Women Hackathon 3.0 in the category Environmentally Sustainable Practices, organised by National Institute for Micro, Small and Medium Enterprises (ni-msme), Yosufguda, Hyderabad as part of International Women's Day celebrations on 7th March, 2025 from Dr Anasuya Seethakka, Honorable minister for Panchayati Raj & Rural Development, Rural Water Supply, Women and Child Welfare in Government of Telangana	https://drive.google.com/file/d/1TYA1xsbIfK9OuL0PgUBuEvIU-8Fv3MdT/view?usp=sharing
4	Dr. P.V. Naga Prapurna	08-05-2025	Received “International Inspiring Professor Award 2025, during National Science Day & International Women’s Day, 08-03-2025 on the eve of International Conference on Women Empowerment, Gender Studies, Literature & Social Science - 2025, organised by International Multidisciplinary Research Foundation, Vijayawada, A.P., India.	https://drive.google.com/file/d/1TYBU0BXAySiQtjbz2Ftx0M01AqGHnjI/view?usp=sharing
5	Dr. R. Prasanna Rani	08-06-2025	Received “International Inspiring Professor Award 2025, during National Science Day & International Women’s Day, 08-03-2025 on the eve of International Conference on Women Empowerment, Gender Studies, Literature & Social Science - 2025, organised by International Multidisciplinary Research Foundation, Vijayawada, A.P., India.	https://drive.google.com/file/d/1HlcJ241Ln7xs59tytZtKH6jrMlwpP5KU/view?usp=sharing
6	Dr. M Mukunda Vani	23rd-25th April 2025	Received I Prize in Catalysis 2k25 under Technosmania 2k25 conducted by Department of Chemical Engineering, University College of Technology, Osmania University	https://drive.google.com/file/d/1NpyFQJVcwttcPSGZzW7lVQyRO_GRnKz/view?usp=sharing