B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

Activities from June 2025 to May 2026

June 2025

June 10, 2025: Dr. Sainath K, Associate Professor, Dr. Sanjay Kumar, Assistant Professor in the Department of Chemical Engineering, selected for AICTE-QIP-PG Certificate programme-Machine Learning 2025 at IISc Bangalore.

June 13, 2025: Dr. Shivakumar R, Associate Professor in the Department of Chemical Engineering, published a research paper titled, "*Polyglycerol fatty acid esters from biodiesel-based crude glycerol: the impact of esterification studies on structural alterations*" in the journal Indian Chemical Engineer, a Q4 web of science indexed journal, with an impact factor 0.9. DOI: https://doi.org/10.1080/00194506.2025.2511718

June 14, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, was invited as a Judge to evaluate the Oral presentations of Chemical Engineering stream for the conference "*BioChESS-2025*" held at the Department of Chemical Engineering, Siddaganga Institute of Technology, Tumakuru.

June 14, 2025: Rakshitha K M and Reethya Giridhar of 8th Semester Chemical Engineering Students presented their research work titled "*Comparative Analysis of Pristine and Modified Banana Peel Hydrochar for Cr (VI) Adsorption: Insights from CCD and ANN Modeling*", co-authored by Dr. Sainath K, Associate Professor in the Department of Chemical Engineering and Dr. Prathima B., Assistant Professor in the Department of Civil Engineering, in BioChESS-2025 held at the Department of Chemical Engineering, Siddaganga Institute of Technology, Tumakuru. They won the

best presentation award with a cash prize of Rs. 3000.

SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU-572103
Departments of Chemical Engineering and Biotechnology
BioChESS-2025
A National Level Students' Technical Symposium
CERTIFICATE OF EXCELLENCE
This certificate is awarded to Mr./Ms. Rakshitha. K.M of B.M.S College of Engineering, for securing First/Second place in the [Oral Presentation/Poster Presentation] event in BioChESS-2025, held on 14th June 2025, organized by the Departments of Chemical Engineering and Biotechnology at Siddaganga Institute of Technology, Tumakuru, Karnataka.
Prof. S.V. Dinesh, Principal
Dr. Sudhir H. Ranganath, President, BioChESS-2025, Head of the Department, Dept. of Chemical Engineering
Dr. B. S. Gowrishankar, Vice President, BioChESS-2025, Head of the Department, Dept. of Biotechnology

SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU-572103
Departments of Chemical Engineering and Biotechnology
BioChESS-2025
A National Level Students' Technical Symposium
CERTIFICATE OF EXCELLENCE
This certificate is awarded to Mr./Ms. Reethya Giridhar of B.M.S College of Engineering, for securing First/Second place in the [Oral Presentation/Poster Presentation] event in BioChESS-2025, held on 14th June 2025, organized by the Departments of Chemical Engineering and Biotechnology at Siddaganga Institute of Technology, Tumakuru, Karnataka.
Prof. S.V. Dinesh, Principal
Dr. Sudhir H. Ranganath, President, BioChESS-2025, Head of the Department, Dept. of Chemical Engineering
Dr. B. S. Gowrishankar, Vice President, BioChESS-2025, Head of the Department, Dept. of Biotechnology

June 14, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, completed the "*IUCEE Felder Brent Effective Teaching and Learning course 2024-25*", with distinction, which involved 12 Webinars and Assignments Conducted by Dr Richard Felder and Dr Rebecca Brent.

IUCEE FOUNDATION
CERTIFICATE
OF PASSING WITH
DISTINCTION
Sainath K
B.M.S. College of Engineering
IUCEE Felder Brent
Effective Teaching and Learning Course 2024-25
12 Webinars and Assignments
Conducted by Dr Richard Felder and Dr Rebecca Brent
Rebecca Brent, President, Education Designs, LLC Chapel Hill, North Carolina, USA
Richard M. Felder, Hoechst Celanese Professor Emeritus of Chemical Engineering, North Carolina State University Raleigh, North Carolina, USA
Krishna Vedula, Executive Director, IUCEE
25C10233

June 14, 2025: The Department of Chemical Engineering hosted The BEST PROJECT AWARD and BEST OUTGOING STUDENT AWARD, an annual event organized by the Indian Institute of Chemical Engineers (IIChE), Bangalore Regional Centre (BRC), in partnership with the core committee of the IIChE-BMSCE student chapter on 14th June 2025 at BSN Hall, BMS College of Engineering. The distinguished chief guests, Dr. Y J Rao, Emeritus Professor, BRC-IIChE, Dr. K S Rajanandam, Former Principal, MSRIT, BRC-IIChE, Dr. Koteswara Rao Jammula, Hon. Secretary, BRC-IIChE, Dr. Chetan A Nayak, Professor & HoD-Chemical & Dr. G. N. Rameshaiah, Professor & IIChE Coordinator were present.

A total of five teams from various Colleges took part in the event.

June 14, 2025: Aniruddh Vedula (1BM21CH002), Aravind Sreekanth (1BM21CH003), Jadhav Ritesh (1BM21CH013), and Pranav Karanth M S (1BM21CH030), 8th-semester students of the Chemical Engineering department won 2nd Prize in the prestigious Best Project Award by Indian Institute of Chemical Engineering (IIChE) Bangalore chapter 2024-25, Bengaluru, held at Department of Chemical Engineering, B.M.S. College of Engineering, Bengaluru. The title of the project is "Biochar Doped Cerium Oxide: Synthesis, Characterization and Electrochemical Studies," under the guidance of Dr. Shivakumar R, Associate Professor, as guide and Dr. Hari Prasad Uppara, as co-guide, Assistant Professor in Chemical Engineering Department.

June 14, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, registered as a Life Member of Indian Society for Technical Education (ISTE).

June 14, 2025: Stoicheiodis Scientia Pvt. Ltd., a start-up, registered by Dr. Suneetha Y K, Professor in the Department of Chemical

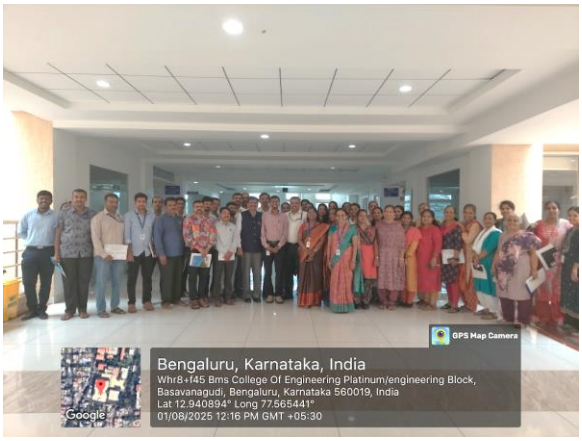
Engineering selected for the NEST, Design Impact Movement Program. The idea of the start-up is chosen under "Projects focused towards innovating for social impact". NEST (National Entrepreneurship Program for Social Transformation) is launched by Titan company limited jointly with Indian Institute of Management Calcutta Innovation Park, IIMCIP. The program gives teams access to incubation support, mentorship and seed fund access. Program is a social initiative by Titan Company Limited. The team of startup is thankful to the BMS institution for encouragement and NEST group for the opportunity to learn.

July 2025

July 26, 2025: Dr. G. N. Rameshaiah, Professor in the Department of Chemical Engineering attended the Five days faculty development program on "*Interdisciplinary Manufacturing Process Advances and Characterization Techniques*" organized by Department of Mechanical Engineering, Jain College of Engineering and Research, Udyambag, Belagavi, from 22nd July to 26th July 2025.

August 2025

August 01, 2025: Department of Chemical Engineering in association with the Department of Information Science and Engineering, B.M.S. College of Engineering, Bengaluru, organized a Five-Day Staff Development Workshop on "*Advanced MS Excel and Google Apps*", from 28th July to 1st August 2025, for non-teaching staff of BMSCE.



August 21, 2025: The Women-led Start-up, M/S Stoicheiodis Scientia Pvt. Ltd. is awarded as Winner of the BioXcelerate at IKP EDEN as one of the 15 high-potential

women-led startups with scalable, impact-driven solutions. The program is a 12-month deeptech incubation and acceleration program tailored exclusively for women entrepreneurs innovating in Medtech and Cleantech. This flagship program is powered by Karnataka Innovation and Technology Society (KITS), and conducted by WEscalate, under Department of Electronics, Information Technology and Biotechnology, Government of Karnataka. Dr. Suneetha Y. K., Professor in the Department of Chemical Engineering, is the founder of the Women lead startup.

August 24, 2025: Sushmitha (1BM22CH047), a 7th semester student from the Department of Chemical Engineering, participated in the Student Technical Paper Presentation at the AIChE Student Regional Conference 2025, hosted by the AIChE ICT IOCB Chapter, Bhubaneswar, under the guidance of Dr. Sainath K, Associate Professor in the Department of Chemical Engineering. She was awarded 1st place with a cash prize of $200.

August 24, 2025: Hemanth Gowda (1BM23CH400), a 7th semester student from the Department of Chemical Engineering, participated in the Student Technical Paper Presentation at the AIChE Student Regional Conference 2025, hosted by the AIChE ICT IOCB Chapter, Bhubaneswar, under the guidance of Dr. Sainath K, Associate Professor in the Department of Chemical Engineering. She was awarded 3rd place with a cash prize of $50.

August 24, 2025: P. S. Sumana (1BM22CH027), a 7th semester student from the Department of Chemical Engineering, participated in the Student Technical Poster Presentation at the AIChE Student Regional Conference 2025, hosted by the AIChE ICT IOCB Chapter, Bhubaneswar, under the guidance of Prof. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering. She was awarded 2nd place with a cash prize of $100.

August 30, 2025: Based on recommendations and personal communication, two undergraduate students (Vaishnavi K and Anirudh Pai) were successfully recruited through the efforts of Dr. Y. K. Suneetha, Professor, Department of Chemical Engineering, via her contact with M/S String Bio Pvt. Ltd. Additionally, one more student has been placed on the waiting list for future requirements.

September 2025

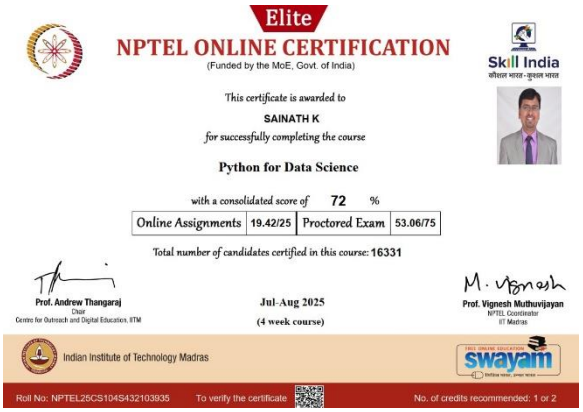
September 01, 2025: Department of Chemical Engineering in association with Competitive Examinations and Higher Studies Cell (CEHSC) B. M. S. College of Engineering, organized a guest lecture on the

topic "Higher Education and Civil Service Examination Preparation" for the benefit of 5th semester student of Chemical Engineering. The talk was delivered by Mr. Aaron and Mrs. Padma from Fragomen Educational Services and people from BMS Academy.

September 04, 2025: Department of Chemical Engineering in association with Competitive Examinations and Higher Studies Cell (CEHSC) B. M. S. College of Engineering, organized a guest lecture on the topic "Higher Education and Civil Service Examination Preparation" for the benefit of 7th semester student of Chemical Engineering. The talk was delivered Mrs. Padma and her crew from Fragomen Educational Services and Mr. Deepak and his crew from BMS Academy.

September 06, 2025: Prof. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering, organized industrial visit to M/s. ITC Food Division, Malur, Bengaluru, for the benefit of 7th semester Chemical Engineering students. Around 25 students were part of this industrial visit and Dr. Sainath K Associate Professor, and Dr. Sanjay Kumar, Assistant Professor, Department of Chemical Engineering, were also in the team.

September 29, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, completed the three-credit course "Python for Data Science" offered by IIT Madras in Swayam from July to August 2025 with a consolidated score of 72%.


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

SAINATH K

for successfully completing the course

Python for Data Science

with a consolidated score of 72 %

Online Assignments	19.42/25	Proctored Exam	53.06/75

Total number of candidates certified in this course: 16331

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Aug 2025
(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS104S432103935 To verify the certificate No. of credits recommended: 1 or 2

October 2025

October 04, 2025: Poorvika Savalagi (1BM23CH037), Prerana Hanur (1BM23CH041), 5th semester students of the Chemical Engineering Department participated and presented the poster titled "*Sustainable Removal of Cr(VI) using Modified Banana Peel Hydrochar*" under the guidance of Dr. Sainath K, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India. The team won the first prize in the poster presentation.

October 04, 2025: Hemanth Sunkara (1BM24CH023), Namitha R (1BM24CH041) and Shravani Bhat A S (1BM24CH051), 3rd semester students of the Chemical Engineering Department participated and presented the paper titled "*Application of Machine Learning Models to Predict Hydrogen Uptake on Porous Carbon Materials*" under the guidance of Dr. Sainath K, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India.

October 04, 2025: A V Samanvitha Bhat (1BM22CH001) and Sushmitha (1BM22CH047), 7th semester students of the Chemical Engineering Department participated and presented the paper titled "*Application of Machine Learning in Predicting Removal Efficiency of Produced Water Treatment using Gas Hydrates*" under the guidance of Dr. Sainath K, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India. The team won the second prize in the paper presentation.

October 04, 2025: A V Samanvitha Bhat (1BM22CH001), Madhura Kumar

(1BM22CH022), and Sushmitha (1BM22CH047), 7th semester students of the Chemical Engineering Department participated and presented the paper titled "*Predictive Analysis of Heat Pipe Thermal Behavior Using Data-Driven Machine Learning Techniques*" under the guidance of Dr. Sainath K, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India.

October 04, 2025: D D Dharshana (1BM23CH009), Deeksha S (1BM23CH010), Tisha Shrestha (1BM23CH062), Umang Sultania (1BM23CH063) - 5th semester students of Chemical Engineering Department, BMSCE, participated and presented the paper titled "*Production of Clean Hydrogen Through Methane Reformation: A Simulation Approach*" under the guidance of Dr. Sainath K, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India.

October 04, 2025: P S Sumana (1BM22CH027), Patnam Lekha (1BM22CH028), 7th semester students of the Chemical Engineering Department participated and presented the work titled "*Fabrication of Biodegradable sacks from Pectin-Gelatin Based Bioplastics*" under the

guidance of Dr. G. N. Rameshaiah, Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India.

October 04, 2025: Likitha G (1BM22CH021), R Harshitha (1BM22CH033), 7th semester students of the Chemical Engineering Department participated and presented the work titled "*Process Monitoring and Fault Diagnosis with Artificial Neural Network (ANN) in Batch Reactor*" under the guidance of Dr. G. N. Rameshaiah, Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India.

October 04, 2025: Kuladeep D (1BM22CH018), Guru Sai Pavan (1BM22CH014), and Likitha G (1BM22CH021), 7th semester students of the Chemical Engineering Department presented the poster titled "*Advancements in electrolysis for Hydrogen Production*" under the guidance of Dr. Samita Maitra, Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India. The team won the first prize in the poster presentation.

October 04, 2025: Kuladeep D (1BM22CH018), Guru Sai Pavan (1BM22CH014), 7th semester students of the Chemical Engineering Department presented the paper titled "*Tuning of Binary Interaction Parameters to Separate Methanol and Methyl Acetate using activity coefficient models*" under the guidance of Dr. Shivakumar R, Associate Professor in the Chemical Engineering Department, in the National Level- Student Chemical Engineering Congress (SCHEMCON), organized by Indian Institute of Chemical Engineers, held at Vellore institute of Technology, Tamil Nadu, India. The team won the third prize in the paper presentation.

VIT
SCHEMCON 2025
21st Annual Session of Students' Chemical Engineering Congress
Theme: Sustainable Development in Energy and Environment
Organized by IIChE-VIT Student Chapter, Vellore Regional Centre
School of Chemical Engineering
VELLORE INSTITUTE OF TECHNOLOGY, VELLORE - 632014
Certificate of Participation
Dr. Sivagami K
Organizer
Dr. Muruganandam L
Convenor/Head - IIChE VRC
Dr. Velu S
Dean (SCHEME)

VIT
SCHEMCON 2025
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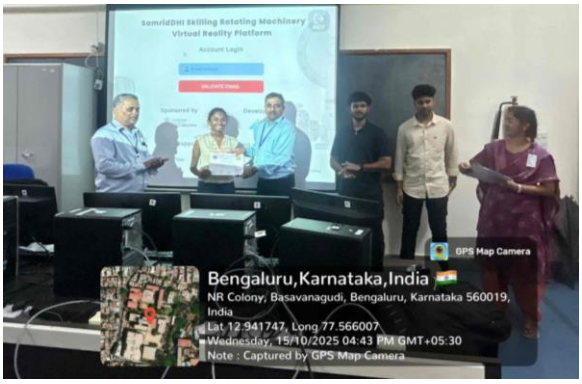
VELLORE INSTITUTE OF TECHNOLOGY, VELLORE - 632014
Certificate of Participation
Dr. Sivagami K
Organizer
Dr. Muruganandam L
Convenor/Head - IIChE VRC
Dr. Velu S
Dean (SCHEME)

October 15, 2025: A "*Rotating Machinery Bootcamp on Pumps*" was conducted jointly under the SamridDHI Skill-Building Initiative of the Ministry of Heavy Industries, Indian Institute of Science (IISc) and ModeliCon InfoTech LLP, Bengaluru. The workshop was presided by the Head of the Department, Dr. Chetan A Nayak and Faculty Co-ordinator, Dr. Sreelakshmi Diddi. Honourable Vice-Principal (Administration) Dr. Seshachalam D graced the valedictory and awarded the course completion certificates to the participants.



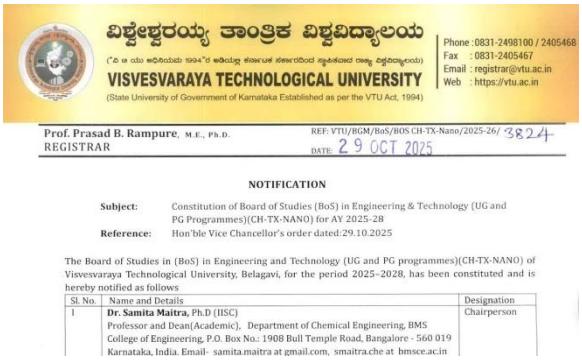
October 18, 2025: An Open Seminar 1 was conducted on the topic "*Encapsulation and Sustained Release of Nanosized Micronutrients*" presented by PhD Scholar Mrs. Shruthi S. B (1BM21PCH01). The seminar was held under the supervision of Dr. G. N. Rameshaiah, Professor, Department of Chemical Engineering. The

session took place at the Research Centre, Department of Chemical Engineering, B.M.S. College of Engineering, on Saturday, at 10:00 AM.

October 28, 2025: An Open Seminar 2 was conducted on the topic "*Physicochemical characterization of bio-char, bio-oil, and syngas derived from non-catalytic pyrolysis of sugarcane bagasse under air-limited atmosphere*" by Ph.D. Scholar Mr. Rajesh Kumar K. The seminar was held under the supervision of Dr. G. N. Rameshaiah, Professor, Department of Chemical Engineering. The session took place at the Research Centre, on Tuesday, at 10:30 AM.

November 2025

November 1, 2025: Dr. Samita Maitra, Professor in the Department of Chemical Engineering is appointed as VTU-Chairperson for Board of Studies in Engineering & Technology (UG and PG Programs) (CH-TX-NANO) for AY 2025-2028.


ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
(State University of Government of Karnataka Established as per the VTU Act, 1994)
Phone : 0831-2498100 / 2405468
Fax : 0831-2405467
Email : registrar@vtu.ac.in
Web : https://vtu.ac.in

Prof. Prasad B. Rampure, M.E., Ph.D.
REGISTRAR

REF: VTU/BGM/BoS/BOS CH-TX-Nano/2025-26/ 3824
DATE: 29 OCT 2025

NOTIFICATION

Subject: Constitution of Board of Studies (BoS) in Engineering & Technology (UG and PG Programmes)(CH-TX-NANO) for AY 2025-28
Reference: Hon'ble Vice Chancellor's order dated:29.10.2025

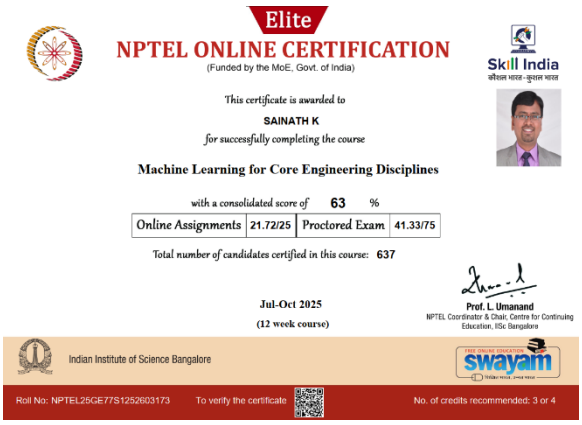
The Board of Studies in (BoS) in Engineering and Technology (UG and PG programmes)(CH-TX-NANO) of Visvesvaraya Technological University, Belagavi, for the period 2025-2028, has been constituted and is hereby notified as follows

Sl. No.	Name and Details	Designation
1	**Dr. Samita Maitra**, Ph.D (IISC) Professor and Dean(Academic), Department of Chemical Engineering, BMS College of Engineering, P.O. Box No.: 1908 Bull Temple Road, Bangalore - 560 019 Karnataka, India. Email- samita.maitra at gmail.com, smaitra.che at bmsce.ac.in	Chairperson

November 10, 2025: A guest lecture is arranged for 3rd Semester in Department of Chemical Engineering on the topic:" Importance of Chemical Process calculations in chemical Industries" by Dr. BV Venugopal, Retd Scientist Sabic India Pvt Ltd., The seminar was coordinated by Dr. Chetan A Nayak, Professor & HoD, Dept of Chemical Engineering, BMSCE.

November 16, 2025: Dr. Y. K. Suneetha, Professor in the Department of Chemical Engineering, received a Rs. 40 Lakhs grant from Karnataka Startup Cell Elevate 2025 Grant in Aid Scheme. The product developed by the company was launched by Sri. Priyank Kharge, Cabinet Minister, Govt. of Karnataka.

November 16, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering completed a 12-week SWAYAM/NPTEL course Machine Learning for Core Engineering Disciplines.



November 23, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, published a research article titled "*Hydrogen uptake prediction in*

porous carbon materials explained by decision tree machine learning Algorithms: From experimental data to interpretable predictions" in "*International Journal of Hydrogen Energy*", a Q1 (WOS) journal, having a impact factor of 8.3 [DOI: 10.1016/j.ijhydene.2025.152704]. The article is co-authored by Mrs. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering, Dr. Selva Kumar Shekar, Professor and Associate Head, Department of Computer Science and Engineering. Student authors include Hemanth Sunkara, Shravani Bhat A S, Namitha R- 2nd year students, and Sushmitha Acharya- 4th year students.

November 24, 2025: Dr. Chetan A Nayak, Professor and HOD, Department of Chemical Engineering and Dr. Shivakumar R, Associate Professor in the Department of Chemical Engineering, arranged and accompanied 5th semester students to M/s AkzoNobal India Pvt. Ltd., Hoskote, Bengaluru, Karnataka. They manufacture various paints and corrosion resistant coating material. Around 40 students were present.

December 2025

December 4, 2025: Dr. Shivakumar R, Associate Professor in the Department of Chemical Engineering, BMSCE, in association with Prof. Manjula S, Assistant Professor in Information Science and Engineering, BMSCE, are granted with an Indian patent titled "*A System and Method for Waste Disposal and Segregation for Bio-Oil*

Extraction".

पेटेंट कार्यालय भारत सरकार | The Patent Office, Government Of India
पेटेंट प्रमाण पत्र | Patent Certificate
(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 575220
आवेदन सं. / Application No. : 202441043331
फाइल करने की तारीख / Date of Filing : 04/06/2024
पेटेंटी / Patentee : B.M.S. COLLEGE OF ENGINEERING
आविष्कारकों का नाम /Name of Inventor(s) : 1.MANJULA S 2.SHIVAKUMAR. R 3.PRASHANTH JAGANATHAN 4.MAHAMMED RAYYAN A 5.KUSHAL L

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित *A SYSTEM AND A METHOD FOR WASTE DISPOSAL AND SEGREGATION FOR BIO-OIL EXTRACTION* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख जून 2024 के चौथे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled *A SYSTEM AND A METHOD FOR WASTE DISPOSAL AND SEGREGATION FOR BIO-OIL EXTRACTION* as disclosed in the above mentioned application for the term of 20 years from the 4th day of June 2024 in accordance with the provisions of the Patents Act,1970.

अनुदान की तारीख / Date of Grant : 04/12/2025

पेटेंट नियंत्रक / Controller of Patents

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, जून 2026 के चौथे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 4th day of June 2026 and on the same day in every year thereafter.

December 6, 2025: Dr. Chetan A Nayak, Dr. Sree Lakshmi Diddi, Dr. Shivakumar R, Dr. Sainath K, Dr. Hari Prasad Uppara, the Faculties in the Department of Chemical Engineering attended a Five-day FDP on "AI in Chemical Engineering: Industry, Curriculum and Research Perspectives" conducted by Department of Chemical Engineering, Dr. Vishwanath Karad MIT World Peace University, Pune from 1-5 December 2025.

MIT-WPU

Certificate of Participation

This certificate is proudly awarded to

Dr. Chetan A Nayak

for actively participating in the Five-Day Faculty Development Program on
'AI in Chemical Engineering: Industry, Curriculum and Research Perspectives'
conducted by Dept of Chemical Engineering,
Dr. Vishwanath Karad MIT World Peace University, Pune
from 1-5 December 2025

Dr. Anand D. Kulkarni, Convener | Dr. Pratiksha D. Khurpade, Co-Convener | Dr. Dinesh Bhutada, Program Director, Dept of Chemical Engg | Dr. Siddharth Chakrabarti, Dean, School of Engg. & Tech.

MIT-WPU

Certificate of Participation

This certificate is proudly awarded to

Dr. Sree Lakshmi Diddi

for actively participating in the Five-Day Faculty Development Program on
'AI in Chemical Engineering: Industry, Curriculum and Research Perspectives'
conducted by Dept of Chemical Engineering,
Dr. Vishwanath Karad MIT World Peace University, Pune
from 1-5 December 2025

Dr. Anand D. Kulkarni, Convener | Dr. Pratiksha D. Khurpade, Co-Convener | Dr. Dinesh Bhutada, Program Director, Dept of Chemical Engg | Dr. Siddharth Chakrabarti, Dean, School of Engg. & Tech.

MIT-WPU

Certificate of Participation

This certificate is proudly awarded to

Dr. Shivakumar R

for actively participating in the Five-Day Faculty Development Program on
'AI in Chemical Engineering: Industry, Curriculum and Research Perspectives'
conducted by Dept of Chemical Engineering,
Dr. Vishwanath Karad MIT World Peace University, Pune
from 1-5 December 2025

Dr. Anand D. Kulkarni, Convener | Dr. Pratiksha D. Khurpade, Co-Convener | Dr. Dinesh Bhutada, Program Director, Dept of Chemical Engg | Dr. Siddharth Chakrabarti, Dean, School of Engg. & Tech.

December 19, 2025: Dr. Hari Prasad Uppara, Assistant Professor in the Department of chemical engineering has successfully completed AICTE QIP PG certification course on "Advanced Metallic Alloys for Energy Storage Applications" conducted during June 2025 to December 2025. He has completed 18 credit courses and secured CGPA of 9.78.

December 23, 2025: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, published a research article titled "*Leaf-Based Hydrochar for the Removal of Hexavalent Chromium from Aqueous Solution: Synthesis, Characterization, and Performance Evaluation*" in the journal "*ChemistrySelect*", a Q3 (WOS) journal, having an impact factor of 2.0 [DOI: 10.1002/slct.202502415]. The article is co-authored by Dr. Prathima B, Assistant Professor in the Department of Civil Engineering. Student authors include Bhoomika Chegu Vinay and Swathi M. Wadavi, alumni of 2020-24 batch.

December 26, 2025: Dr. Sainath K, Associate Professor in the Department of

Chemical Engineering, published a research article titled "*Effect of ammonium hydroxide modification of ZIF-8 nanoparticles on hexavalent chromium removal from aqueous solution*" in the journal *Scientific Reports*, a Q1 (WOS) journal, having an impact factor of 3.9 [DOI: 10.1038/s41598-025-32803-3]. The article is co-authored by Dr. Prathima B, Assistant Professor in the Department of Civil Engineering. Student authors include Rakshitha K. M. and Reethya Giridhar, alumni of 2021-25 batch.

December 29, 2025: Dr. Hari Prasad Uppara, Assistant Professor in the Department of Chemical Engineering, published an article titled "*Transformation of recovered manganese metal from spent lithium batteries to Mn_3O_4 catalyst - applied for supercapacitor application*" in *Journal of Material Cycles and Waste Management*, a Q2 (WOS) journal, having an impact factor of 3.0 [DOI: 10.1007/s10163-025-024672].

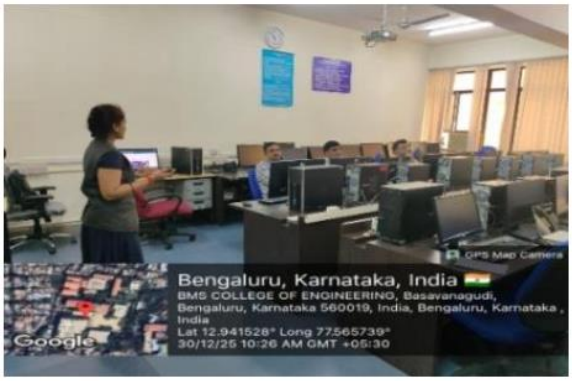
December 30, 2025: Hemanth Sunkara (1BM24CH023), Namitha R (1BM24CH041) and Shravani Bhat A S (1BM24CH051), 3rd semester students of the Chemical Engineering Department participated and presented the research work titled

1. "Data-Driven Design of Porous Carbon Adsorbents for Hydrogen Energy: Revolutionizing Clean Fuel Storage"

2. "Machine Learning Guided Approach for Predicting Dve Adsorption on Metal-Organic Frameworks"

in the International Level- Chemical Engineering Congress (CHEMCON) organized by Indian Institute of Chemical Engineering, held at Annamalai University, Chidambaram, Tamil Nadu, India, under the guidance of Dr. Sainath K, Associate Professor in the chemical engineering department.

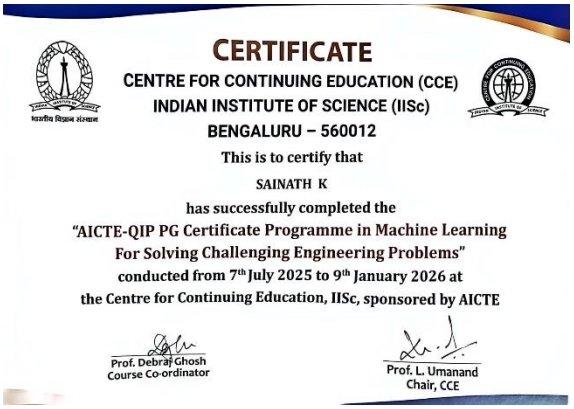
December 30, 2025: An Open Seminar–II was conducted on the topic "Encapsulation and Sustained Release of Nanosized Micronutrients", presented by Mrs. Shruthi S. B., Research Scholar, Department of Chemical Engineering, B.M.S. College of Engineering (USN: 1BM21PCH01). The seminar was held under the supervision of Dr. G. N. Rameshaiah, Professor, Department of Chemical Engineering. The session took place at the Research Centre, Department of Chemical Engineering, B.M.S. College of Engineering, on Monday, 30th December 2025, at 10:00 AM, in the presence of the Research Advisory Committee (RAC) members, Dr. Shivakumar R, Associate Professor, B.M.S. College of Engineering, and Dr. Basavaraja R. J, Associate Professor, Department of Chemical Engineering, R.V. College of Engineering, along with the Head of the Department, Dr. Chetan A. Nayak, B.M.S. College of Engineering.



January 2026

January 05, 2026: Mrs. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering, and Dr. Y. K. Suneetha, Professor in the Department of Chemical Engineering, published a research article titled "*Performance Evaluation of 3D-Printed Geopolymer Monoliths for Cadmium Adsorption*" in the journal Scientific Reports, Q1 (WOS) journal, having an impact factor of 3.9 [DOI: 10.1038/s41598-025-28711-1].

January 09, 2026: Dr. Sainath K, Associate Professor, Dr. Sanjay Kumar, Assistant Professor, in the Department of Chemical Engineering, completed the AICTE-QIP PG Certification Program on "*Machine Learning for Solving Challenging Engineering Problems*" from IISc, Bangalore.


CERTIFICATE
CENTRE FOR CONTINUING EDUCATION (CCE)
INDIAN INSTITUTE OF SCIENCE (IISc)
BENGALURU – 560012
This is to certify that
SAINATH K
has successfully completed the
"AICTE-QIP PG Certificate Programme in Machine Learning For Solving Challenging Engineering Problems"
conducted from 7th July 2025 to 9th January 2026 at
the Centre for Continuing Education, IISc, sponsored by AICTE
Prof. Debraj Ghosh
Course Co-ordinator
Prof. L. Umanand
Chair, CCE

CERTIFICATE
CENTRE FOR CONTINUING EDUCATION (CCE)
INDIAN INSTITUTE OF SCIENCE (IISc)
BENGALURU – 560012
This is to certify that
SANJAY KUMAR
has successfully completed the
"AICTE-QIP PG Certificate Programme in Machine Learning For Solving Challenging Engineering Problems"
conducted from 7th July 2025 to 9th January 2026 at
the Centre for Continuing Education, IISc, sponsored by AICTE
Prof. Debraj Ghosh
Course Co-ordinator
Prof. L. Umanand
Chair, CCE

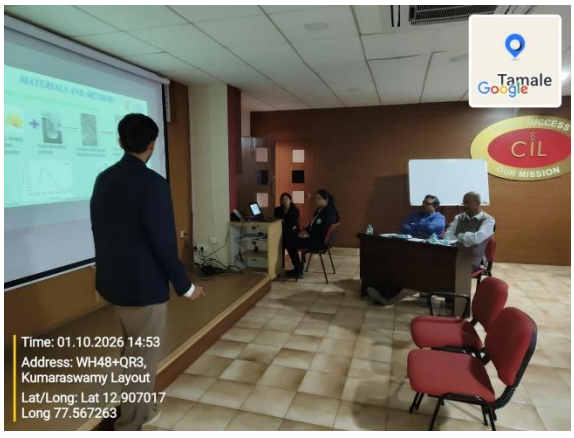
January 09, 2026: Mrs. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering, attended a Faculty Development Program titled "*Advanced Manufacturing and Materials Systems: Processing, Characterisation, and Testing*" held from 5th to 9th January 2026, organised by the Department of Mechanical

Engineering, Ramco Institute of Technology, Rajapalayam, Tamil Nadu.

RAMCO INSTITUTE OF TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
Approved by AICTE, New Delhi & Affiliated to Anna University
NAAC Accredited with 'A+' Grade & An ISO 9001: 2015 Certified Institution
NBA Accredited UG Programs: CSE, CSE, EEE, ECE and MECH
Rajapalayam – 626117
Participant ID: AMMS242
DEPARTMENT OF MECHANICAL ENGINEERING
CERTIFICATE OF PARTICIPATION
This is to certify that Mrs. Shabnam Siddiqui, Assistant Professor, from BMS College of Engineering, Bengaluru, Karnataka, India has participated in A Five-Day online Faculty Development Program on "Advanced Manufacturing and Materials Systems: Processing, Characterization and Testing" (AMMS'26) organized by Department of Mechanical Engineering , Ramco Institute of Technology, Rajapalayam, Tamil Nadu, India, during 5th – 9th January, 2026.
Mr. C. Gururaj AP/Mech. Dr. G. Praburam ASP/Mech. Coordinator(s)
Dr. S. Maharajan ASP/Mech. Convenor
Dr. S. Rajakarunakaran HoD/Mech. & Vice-Principal Patron
Dr. L. Ganesan Principal Chief Patron

January 10, 2026: The team of Varchus R, Nishanth N, R. Harshitha, and Rishith S, 8th semester students of Chemical Engineering department, under the guidance of Dr. Hari Prasad Uppara and Dr. Sreelakshmi Diddi, won the Best Oral Presentation Award for the topic "*Synthesis and Characterization of Mixed Oxide compounds for Photocatalytic Studies*" at the International Conference on "Recent Advances In Science And Technology For Sustainable Development" (RASTSD-2026), 8-10th Jan 2026, organized by Dayananda Sagar College of Engineering, in association with IIChE and Institution's Innovation Council, MHRD Initiative, GOI.

January 10, 2026: Dr. Chetan A Nayak, Professor & Head, Department of Chemical Engineering, BMSCE, was invited as the Jury member for oral presentation at the International Conference on *"Recent Advances in Science and Technology for Sustainable Development"* (RASTSD-2026), 8-10th January 2026, organized by Dayananda Sagar College of Engineering, in association with IIChE and Institution's Innovation Council, MHRD Initiative, GOI.



January 13, 2026: Dr. Chetan A Nayak, Professor & head of the Department, and Dr. Shivakumar. R, Associate Professor in the Department of Chemical Engineering, published a research article titled "*Structural insights into nano-porous zinc oxide carbon composites for sustainable hexavalent chromium removal*" in the journal Indian Chemical Engineer, a Q3 (Scopus) journal, having an impact factor of 0.9 [DOI:10.1080/00194506.2025.2603510].
The article is co-authored by faculties of other institutions.

January 20, 2026: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, delivered an expert talk titled "*Lab-Integrated Courses: Design, Delivery, and Assessment*" as part of online faculty development program arranged by Department of Chemical Engineering, TKM College of Engineering, Kollam, Kerala.

February 2026

February 18, 2026: Department of Chemical Engineering and Department of Information Science and Engineering in association with Internal Quality Assurance Cell (IQAC), BMSCE, conducted a three-day Faculty Development Program on "*Publishing Articles in the Era of AI: Basics*" from February 16th to 18th 2026. Around 45 participants from BMSCE attended the program.

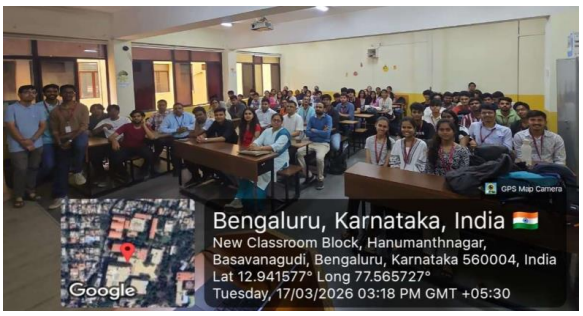
February 19, 2026: Two Technical Papers presented in CHEMCON-2025, December 2025, received best presentation award (2nd prize), for the papers presented under the guidance of Dr. G. N. Rameshaiah and Dr. Sainath K, Professor and Associate Professor in the Department of Chemical Engineering. Mr. Soumen Panda, Assistant Professor in the Department of Chemical Engineering endowed the second prize in the same conference.

March 2026

March 9, 2026: Women Cell, B.M.S. College of Engineering, organized a one-day program on Women's Day 2026. Dr. Samita Maitra, Professor in the Department of Chemical Engineering, was the chief guest for the valedictory program organized in NPTEL Lab, Library, PJ Block BMSCE Campus.

March 17, 2026: Department of Chemical Engineering, AIChE BMSCE Student Chapter under the guidance of faculty advisor Dr. Samita Maitra, Professor in the Department of Chemical Engineering, organized Chem-E-Crisis Control, a fast-paced inter-team competition designed to challenge students' problem-solving abilities, creative thinking, and technical communication skills. The event brought together 13 teams of four students each,

competing across two rounds.



April 2026

April 9, 2026: Dr. Sree Lakshmi D, Associate Professor in the Department of Chemical Engineering was a Jury Member for the National Level Student Symposium "Chemovation 2026" during 8th - 9th April, organized by the Department of Chemical Engineering, Dayananda Sagar College of Engineering, Bengaluru.

DAYANANDA SAGAR COLLEGE OF ENGINEERING
An Autonomous institute affiliated to VTU, Approved by AICTE & UGC, Accreditation Council (NAAC) with 'A' Grade
Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru - 560111
DEPARTMENT OF CHEMICAL ENGINEERING
Chemovation 2026
Certificate Of Appreciation
This certificate is proudly presented to Mr./Ms./Mrs./Prof./Dr. SREELAKSHMI DIDDI
in appreciation of their esteemed presence and valuable contribution as a Jury Member for the National Level Student Symposium "Chemovation 2026" organized by the Department of Chemical Engineering, DSCE, Bengaluru during April 8th & 9th, 2026.
Dr. Veena B R
Convenor
Department of Chemical Engineering, DSCE
Dr.Jagannathan Krishnan
Head of the Department,
Department of Chemical Engineering, DSCE
Dr. B G Prasad
Principal, DSCE

April 9, 2026: Dr. Chetan A Nayak, Professor & HoD, Department of Chemical Engineering, was a Jury Member for the National Level Student Symposium "Chemovation 2026" during 8th - 9th April, organized by the Department of Chemical Engineering, Dayananda Sagar College of Engineering, Bengaluru.

April 9, 2026: Arnav Choudhari (1BM24CH006), Avadhut Dattatray Kalakwade (1BM24CH007), Druvi Katariya (1BM24CH016), and Varshini H (1BM24CH061), 4th semester students of the Chemical Engineering Department, participated in the National Level Student Symposium "Chemovation 2026" held at Dayanand Sagar College of Engineering, Bengaluru, Karnataka, India, under the guidance of Dr. G. N. Rameshaiah, Professor

in the Department of Chemical Engineering. They delivered an oral presentation on the topic "*Comparative Study of Sustainable Solution-Based Fabrication Methods for Semiconductor Thin Films*".

DAYANANDA SAGAR COLLEGE OF ENGINEERING
An Autonomous Institute affiliated to VTU, Approved by AICTE & UGC, Accreditation Council (NAAC) with 'A' Grade
Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru - 560111
DEPARTMENT OF CHEMICAL ENGINEERING
Chemovation 2026
Certificate Of Participation
This certificate is presented to Mr./Ms. Dr. G.N. Rameshaiah
from BMS College of Engineering
participating in the event(s) Oral Presentation/ Poster Presentation/ Pitch-Storm/ Puzzle H
during the National Level Student Symposium, Chemovation 2026 held at Dayananda Sa
College of Engineering, Bengaluru on 8th & 9th April 2026.
Dr. Veena B R, Convenor, Department of Chemical Engineering, DSCE
Dr .Jagannathan Krishnan, Head of the Department, Department of Chemical Engineering, DSCE
Mr. Sathyanarayana B V, CEO, DERBI Foundation
Dr. B G Prasad, Principal, DSCE

April 12, 2026: Dr. Sainath K, Associate Professor in the Department of Chemical Engineering, was a Jury Member for one of the sessions in 2nd International Conference on *Advances in Chemical and Materials Sciences* (ACMS-2026) during 12th - 14th April, organized by Centre for Education Innovation and Entrepreneurship (CEIE), Kolkata, and IIChE, organized in hybrid mode.

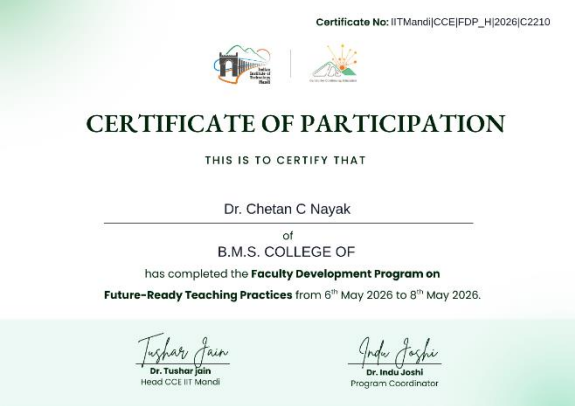
April 13, 2026: Invited Lecture under AIChE event was organized by AIChE faculty advisor Prof. Samita Maitra. Topic of the Invited Lecture: "Standing on the Shoulders of Giants — From Implementation to Inspiration" By Dr. Shaswat Srivastava, PhD(IISc). Dr. Shashwat Srivastava focused on presenting a structured perspective on research methodology and its practical implementation in engineering. In a lucid form he explained "Lift Cells" approach in Lead Redox Flow Batteries. He discussed and illustrated the concepts. The approach involved the use of Lift-Cell architecture to facilitate self-mixing of the electrolyte through natural convection. The concept was derived from Airlift Reactors in Chemical engineering, demonstrating the application of existing engineering systems to new research problems. The lecture was well attended by

students from first, second and third year of the department.

April 28, 2026: P S Sumana (1BM22CH027), Patnam Lekha (1BM22CH028) presented their research work in BioChESS – 2026 held at SIT Tumakuru. The team received 2nd prize for technical oral presentation under the guidance of Mrs. Shabnam Siddiqui, Assistant Professor in the Department of Chemical Engineering.

May 2026

May 8, 2026: Dr. Chetan A. Nayak, Professor & HoD in the Department of Chemical Engineering attended a Three-Day online Faculty Development Program (FDP) on "*Future ready teaching practices*" conducted by Centre for Continuing Education (CCE), IIT Mandi on 6th May 2026 to 8th May 2026.



Certificate No: IITMandi|CCE|FDP_H|2026|C2210

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Dr. Chetan C Nayak

of

B.M.S. COLLEGE OF

has completed the **Faculty Development Program on**

Future-Ready Teaching Practices from 6th May 2026 to 8th May 2026.

Dr. Tushar Jain
Head CCE IIT Mandi

Dr. Indu Joshi
Program Coordinator

May 8, 2026: Dr. Shivakumar R, Professor, Department of Chemical Engineering participated in the Three-Day Faculty Development Program (FDP) on "*Future Ready teaching practices*" conducted by Centre for Continuing Education (CCE), IIT Mandi, in collaboration with Masai from 6th to 8th May 2026.

Certificate No: IITMandi|CCE|FDP_H|2026|C3620

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

Shivakumar. R

of

B.M.S. COLLEGE OF ENGINEERING

has completed the **Faculty Development Program on**

Future-Ready Teaching Practices from 6th May 2026 to 8th May 2026.

Dr. Tushar Jain
Head CCE IIT Mandi

Dr. Indu Joshi
Program Coordinator

May 14, 2026: Dr. Hari Prasad Uppara, Assistant professor in the Department of Chemical Engineering, co-authored with Sulsaa Dangi, Jyeshth K, Nishanth N and Harshitha R, presented a paper titled "*Recovery of cobalt metal from spent Li batteries and converted to catalyst*" in an "2nd International Conference on "Emerging Trends in Catalysis for Sustainable Chemical Processess (ETCSCP-2026)" held during 13-14th May 2026, organized by Department of chemical engineering, MSRIT, Bengaluru.

RAMAIAH Institute of Technology

2nd International Conference on
Emerging Trends in Catalysis for Sustainable Chemical Processes
ETCSCP-2026
(May 13-14, 2026)

CERTIFICATE

This is to certify that Dr./Mr./Ms. *Hari Prasad Uppara*
from B M S College of Engineering, Bengaluru has successfully presented a paper titled "Recovery of Cobalt Metal from Spent Li Batteries and Converted to Catalyst" at the 2nd International Conference on "Emerging Trends in Catalysis for Sustainable Chemical Processes (ETCSCP-2026)", organized by the Indian Institute of Chemical Engineers (IIChE) - Bangalore Regional Centre (BRC), in association with the Catalysis Society of India (CSI) - Bengaluru Chapter (BC) and the Department of Chemical Engineering, M. S. Ramaiah Institute of Technology (MSRIT), held on May 13-14, 2026 at MSRIT, Bengaluru, India.

Dr. Rajeswari M Kulkarni
Organizing Secretary, MSRIT

Dr. G. Madhu
Chairman, IIChE-BRC
Vice Principal, MSRIT
HoD, Dept. of Chemical Engg, MSRIT

Dr. Anand B. Halgeri
President, CSI-BC

May 14, 2026: Arun H S, Dhanush Reddy M, Lakshmi S, Raagha Raaghini A, Dr. Y. K. Suneetha, Professor, Dr. Hari Prasad Uppara, Assistatn Professor of Chemical Engineering Department, presented a paper titled "*Soot oxidation experiments on Mixed Metal Oxide (Ni-Mo-Co) Catalysts*" in an "2nd International Conference on "Emerging

Trends in Catalysis for Sustainable Chemical Processess (ETCSCP-2026)" held during 13-14th May 2026, organized by Department of chemical engineering, MSRIT, Bengaluru.

RAMAIAH Institute of Technology

2nd International Conference on
Emerging Trends in Catalysis for Sustainable Chemical Processes
ETCSCP-2026
(May 13-14, 2026)

CERTIFICATE

This is to certify that Dr./Mr./Ms. Raagha Raaghini A
from B M S College of Engineering, Bengaluru has successfully presented a paper titled "Soot Oxidation Experiments on Mixed Metal Oxide (Ni-Mo-Co) Catalysts" at the 2nd International Conference on "Emerging Trends in Catalysis for Sustainable Chemical Processes (ETCSCP-2026)", organized by the Indian Institute of Chemical Engineers (IIChE) - Bangalore Regional Centre (BRC), in association with the Catalysis Society of India (CSI) - Bengaluru Chapter (BC) and the Department of Chemical Engineering, M. S. Ramaiah Institute of Technology (MSRIT), held on May 13-14, 2026 at MSRIT, Bengaluru, India.

Dr. Rajeswari M Kulkarni, Organizing Secretary, MSRIT
Dr. G M Madhu, Chairman, IIChE-BRC, Vice Principal, MSRIT, HoD, Dept. of Chemical Engg, MSRIT
Dr. Anand B. Halgeri, President, CSI-BC

May 14, 2026: The team of Nishanth N, Harshitha R, Varchus R and Rishith S under the guidance of faculty Dr. Hari Prasad Uppara, Assistant Professor, and Dr. Sree Lakshmi Diddi, Associate Professor of the Department of Chemical Engineering, presented their project titled "*Synthesis and Characterization of TiO2/CeO2 Nano Particles for UV-Visible reduction of congo red dye*" at the 2nd International Conference on 'Emerging Trends in Catalysis for Sustainable Chemical Processes', 13th -14th May 2026 at MSRIT, Bengaluru.

RAMAIAH Institute of Technology

2nd International Conference on
Emerging Trends in Catalysis for Sustainable Chemical Processes
ETCSCP-2026
(May 13-14, 2026)

CERTIFICATE

This is to certify that Dr./Mr./Ms. R HARSHITHA
from BMSCE has successfully presented a paper titled SYNTHESIS AND CHARACTERISATION OF TiO_2/CeO_2 NANOPARTICLES FOR UV-VISIBLE REDUCTION OF CONGO RED at the 2nd International Conference on "Emerging Trends in Catalysis for Sustainable Chemical Processes (ETCSCP-2026)", organized by the Indian Institute of Chemical Engineers (IIChE) - Bangalore Regional Centre (BRC), in association with the Catalysis Society of India (CSI) - Bengaluru Chapter (BC) and the Department of Chemical Engineering, M. S. Ramaiah Institute of Technology (MSRIT), held on May 13-14, 2026 at MSRIT Bengaluru, India.

Dr. Rajeswari M Kulkarni, Organizing Secretary MSRIT
Dr. G M Madhu, Chairman, IIChE-BRC, Vice Principal, MSRIT, HoD, Dept. of Chemical Engg, MSRIT
Dr. Anand B. Halgeri, President, CSI-BC

RAMAIAH Institute of Technology

2nd International Conference on
Emerging Trends in Catalysis for Sustainable Chemical Processes
ETCSCP-2026
(May 13-14, 2026)

CERTIFICATE

This is to certify that Dr./Mr./Ms. Nishanth N
from B M S College of Engineering, Bengaluru has successfully presented a paper titled "Synthesis and Characterisation of TiO_2/CeO_2 Nanoparticles for UV-Visible Reduction of Congo Red Dye" at the 2nd International Conference on "Emerging Trends in Catalysis for Sustainable Chemical Processes (ETCSCP-2026)", organized by the Indian Institute of Chemical Engineers (IIChE) - Bangalore Regional Centre (BRC), in association with the Catalysis Society of India (CSI) - Bengaluru Chapter (BC) and the Department of Chemical Engineering, M. S. Ramaiah Institute of Technology (MSRIT), held on May 13-14, 2026 at MSRIT, Bengaluru, India.

Dr. Rajeswari M Kulkarni, Organizing Secretary, MSRIT
Dr. G M Madhu, Chairman, IIChE-BRC, Vice Principal, MSRIT, HoD, Dept. of Chemical Engg, MSRIT
Dr. Anand B. Halgeri, President, CSI-BC

May 26, 2026: Valedictory program for a value-added course on *"Contemplative practices in education: Life lessons from Bhagavad Gita"* was conducted for the 2nd year UG students by Department of Chemical Engineering and Department of Biotechnology held during 10th March 2026 to 23rd March 2026.

May 30, 2026: The team of Nishanth N, Harshitha R, Varchus R and Rishith S under the guidance of faculty Dr. Hari Prasad Uppara, Assistant Professor, and Dr. Sree Lakshmi Diddi, Associate Professor of the Department of Chemical Engineering, won the 2nd Prize for presenting the project titled "*Synthesis and Characterization of TiO_2/CeO_2 Nano Particles for UV-Visible reduction of congo red dye"* at the Best Project Award organized by the Bangalore Regional Centre, Indian Institute of Chemical Engineers at MSRIT on 30th May 2026.

RAMAIAH
Institute Of Technology

Indian Institute of Chemical Engineers (IIChE)
Bangalore Regional Centre (BRC)

30th May 2026

Certificate of Appreciation

This is certify that NISHANTH N

From BMSCE, BENGALURU has been awarded the II PRIZE

for a project titled Synthesis and Characterisation of TiO_2/CeO_2 Nanoparticles and Applied for UV-Visible Reduction of Congo Red Dye at the "Best Project Award Function 2025-26" organized by the Indian Institute of Chemical Engineers - Bangalore Regional Centre, at the Deparment of Chemical Engineering, M. S. Ramaiah Institute of Technology, Bengaluru on 30th May 2026.

Dr. Koteswara Rao Jammula
Secretary, IIChE-BRC

Dr. G.M. Madhu
Chairperson, IIChE-BRC

May 31, 2026: Dr. Shivakumar R, Professor, Department of Chemical Engineering cleared the exams of Module 2, Module 3, and Module 4 offered by NITTT, Chennai under AICTE.

अखिल भारतीय तकनीकी शिक्षा परिषद्

प्रमाणपत्र

प्रमाणित किया जाता है कि

All India Council for Technical Education (AICTE)

Certificate

This is to certify that

SHIVAKUMAR R

has successfully completed

Module 2 : Professional Ethics and Sustainability

of

National Initiative for Technical Teachers Training

FEBRUARY 2026

अखिल भारतीय तकनीकी शिक्षा परिषद्

प्रमाणपत्र

प्रमाणित किया जाता है कि

All India Council for Technical Education (AICTE)

Certificate

This is to certify that

SHIVAKUMAR R

has successfully completed

Module 3 : Communication Skills, Modes and Knowledge Dissemination

of

National Initiative for Technical Teachers Training

FEBRUARY 2026

अखिल भारतीय तकनीकी शिक्षा परिषद्

प्रमाणपत्र

प्रमाणित किया जाता है कि

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण पहल

के अंतर्गत

मॉड्यूल 4 : अनुदेशात्मक योजना और सुपुर्दगी

को सफलता पूर्वक पूर्ण किया।

All India Council for Technical Education (AICTE)

Certificate

This is to certify that

SHIVAKUMAR R

NITTT Registration No: 20252132129

has successfully completed

Module 4 : Instructional Planning and Delivery

of

National Initiative for Technical Teachers Training

FEBRUARY 2026

May 26, 2025: Dr. G. N. Rameshaiah, Professor in the Department of Chemical Engineering, attended 10 days faculty development program on "*AI Innovations in Computer Vision and Medical Imaging: Emerging Trends and Research Perspectives*", organized by Department of ECE, National Institute of Technology (NIT) Raipur, Chhattisgarh - 492010, sponsored by Ministry of Electronics and Information Technology, Govt. of India, during 15th to 26th May 2025.

*** END ***