


1	Name of Faculty	Dr. B GANESH	
2	Designation	Assistant Professor	
3	Nature of Job/Appointment	Regular	
4	Date of Joining	02 - 07 - 2018	
5	E-mail	bganesh_chem@cbit.ac.in	
6	Education Qualifications	Name of the Degree	Class
	Ph. D	Doctor of Philosophy (Chemical Engineering)	Awarded
	PG	M. Tech. (Chemical Technology)	Distinction
	UG	B. Tech. (Chemical Engineering)	First
7	Work Experience	17 years	
	Teaching	10 Years	
	Research	06 years	
	Industry	01 year	
	Others	----	
8	Area of Specialization	Process Dynamics Control, Process systems Engineering , Process Intensification, Waste to wealth	
9	Professional Memberships	Associate Member, Indian Institute of Chemical Engineers(IIChE) Number: 10312	
		1. Member ,NIRF Central Committee	
		2. Member ,Public relation committee	
10	Responsibilities held at Institution Level	3. Member ,Social Media Cell	
		1. Department Research coordinator in the 2018 to 2019	
		2. Member, Program content Committee ACY 2019-20	
		3. NBA Coordinator	
		4. DAB Committee member	
11	Responsibilities held at Department Level		
12	Research Guidance	UG guidance (26 Nos)	
13	Awards Received	--	
14	Courses Handled at Under Graduate / Post Graduate Level.	Material Energy balance, Mechanical unit operation, Transport phenomena, Corrosion Engineering, Chemical Engineering thermodynamics, Advanced separation techniques, Process Dynamics and control, Instrumentation & Process Control (IPC), Surface Production Operations (SPO), Mass Transfer Operations (MTO), Natural Gas Processing (NGP), Particle and Fluid Particle Processing, Petrochemical Engineering, Pharmaceutical Technology , Heat Transfer, Polymers Science and Technology	
15	No. of Papers Published	National Journals – ---	International Journals – 06
		National Conference – ---	International Conference – 08
16	Projects Carried out	--	
17	Patents	--	

18	Technology Transfer	--
19	Invited Speaker	--
20	No. of Books/Chapter Published with details	-----

WS/ Seminars/ Conferences/ STTPS/ FDPs Attended

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| 21 | <p>Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or organized).</p> | <ol style="list-style-type: none"> 1. Participated in 10 Hours International Faculty Development Program on AI And Gen AI with Industry Application organized by MIT Academy of Engineering (MIT AOE) Autonomous - Maharashtra The National Institute of Engineering - MYSORE Narasaraopeta Engineering College Autonomous - Andhra Pradesh Matrusri Engineering College Autonomous-Telangana in Collaboration with ExcelR Edtech Pvt. Ltd. from 16 th July to 22nd July 2024. 2. Participated in 10 Hours National Faculty Development Program on Deep Learning and Artificial Intelligence organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd. from 26th Feb to 1st March 2024. 3. Attended Online Short-Term Course Artificial Intelligence Machine Learning and Deep learning” Department of Computer Science and Engineering NIT Warangal Warangal from 28-11-2022 to 02-12-2022 Education NSTITUTE OF TECHNOLOGY WARANGAL CHAITANYA BHARATHI Term Course on learning”” conducted by Department of Computer Science and Engineering NIT Warangal in 2022. 4. successfully completed the 5-day online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 26 July, 2021 to 30 July, 2021. 5. Attended online 3 Day workshop on Chemical Process Simulation using DWSIM from 18 February to 20 February 2021, organized by the Teaching Learning Centre (ICT) at IIT Bombay. 6. Attended the One Week Online Short-Term Course on 7. “Industry 4.0 and Smart Manufacturing: Opportunities and Challenges” Organized at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India from 20 - 24 July, 2020 under TEQIP-3. 8. Attended AICTE Sponsored Short Term Training Programme on " Fostering an Effective Research Environment and Industrial Collaborations in Engineering Education “from 27th July 2020 to 1st August 2020 by St. JOSEPH’S COLLEGE OF ENGINEERING. 9. Successfully Completed “Crash Course on Python” an online course offered by google through Coursera on 22-07-2020. 10. Successfully Completed “Neural networks and Deep Learning” an online course offered by deeplearning.ai through Coursera on 12-07-2020. 11. Successfully finished the course "Foundations to Open Education and OERs repositories (Edición especial)"given from 26-03-2020 to 01-07-2020 with a duration of 25 hours offered by UNED in UNED Abierta, the online initiative of UNED 12. Attended a One Week Online Short-Term Course on “Hybrid Manufacturing Processes: Opportunities and Challenges” Organized at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India from 06 - 10 July, 2020 under TEQIP-III. 13. Attended A Five-Day Faculty Development Program on “RECENT INNOVATIONS IN CHEMICAL ENGINEERING (RICE)” organized by Department of Chemical Engineering, BKIT BHALKI held during 29th June to 3rd July 2020. 14. Attended a One Week Faculty Development Program on "Advanced Data Science and its Applications organized" by Department of CSE & IT, BVRIT HYDERABAD College of |
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- Engineering for Women from 22nd June to 26th June 2020.
15. Attended a two-day Faculty Development Program on "Interactive session on living integrally" at JBIT, Hyderabad during 27-06-2020 to 28-06-2020.
 16. Attended a One Week Faculty Development Program on "Machine Learning with python (Hands on) " at BVRIT, Hyderabad during 15-06-2020 to 20-06-2020.
 17. Attended A Five day Faculty Development Program on " Scilab "in Association With IIT-Bombay (Remote Learning Through Spoken Tutorial)," from 15th - 19th, June 2020 organized by the Department of Science & Humanities at St.Peter's Engineering college, Hyderabad .
 18. Attended A One Week Faculty Development Program on "Industrial Relevance of Electrical Engineering" at BVRIT, Hyderabad during 15-06-2020 to 20-06-2020.
 19. Attended a Workshop on "The BodhiTree and SAFE Tools for Effective Online Teaching A Hands On Workshop" on 21 June 2020, training was organized by the Teaching Learning Centre (ICT) at IIT Bombay.
 20. Attended a One Week Faculty Development Program on "Health care and clinical research" at Sathyabama Institute of science and technology, Chennai during 04-06-2020 to 10-06-2020.
 21. Attended A One Week Faculty Development Program on " Materials: Recent Trends & Engineering Applications" at GOKARAJU RANGARAJU Institute of Engineering and Technology, Hyderabad during 02-06-2020 to 07-06-2020.
 22. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28thApril to 22ndMay 2020.
 23. Participated the Leadership Talks (Motivational Speaker) held from May to June conducted by MHRD's Innovation Cell.
 24. Attended A One Week Faculty Development Program on "Outcome based Education and NBA accreditation process (UG)" at CBIT, Hyderabad during 25-05-2020 to 01-06-2020.
 25. Attended A three-day Faculty Development Program on " Municipal solid waste management during COVID-19 pandemic " at AGI, Hyderabad during 28-05-2020 to 30-05-2020.
 26. Successfully finished the 12-week online FDP on "NBA accreditation and Teaching learning in Engineering "by NPTEL from January-April 2020.
 27. Attended a Workshop on "Effective and Efficient Online Teaching in the Age of Corona, A Hands-on Workshop" on 17 May 2020, training was organized by the Teaching Learning Centre (ICT) at IIT Bombay
 28. Attended a FIVE DAYS HANDS ON WORKSHOP ON "PATENT SEARCHING, DRAFTING AND FILING" (ONLINE MODE) from 29-05-2020 to 02-06-2020 In Association with Turnip Innovations and Exilyze Intellectual Services, IEEE COMPUTER SOCIETY & COMPUTER SOCIETY OF INDIA.
 29. Attended A one Week STTP through ICT mode on "Development of laboratory instruction and manual" by NITTR Kolkata during 04-02-2019 to 08-02-2019.
 30. Faculty Development Program (FDP) on "In house training", 26 -11-2018 to 30-11-2018, CBIT, Hyderabad.
 31. Attended a Faculty Development Program (FDP) on "Effective and innovative ways of Teaching and learning strategies", June 5 – 9, 2017, Anurag Group of Institutions, Ghatkesar.
 32. Attended a Faculty Development Program (FDP) on "Applications of ASPEN PLUS in process Industries", November 13 – 18, 2017, Anurag Group of Institutions, Ghatkesar.

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International /National Journals from the Year 2017

1. Ganesh B., Praveen Barmavatu, Michael Pohorely, Michal Jeremias, Vineet Singh Sikarwar (2024)., Optimization of value-added products using response surface methodology from the HDPE waste plastic by thermal cracking, Thermal Science and Engineering Progress, Volume 50, PP:102514
2. Ganesh B., P. Naveen Kumar, M. Vamsi Teja, K. Yamuna Rani, (2024)., Time-varying neural networks for multi-input multi-output systems: a reactive batch distillation modeling case study, Neural Computing and Applications, <https://doi.org/10.1007/s00521-024-09556-7>
3. Ganesh B., K. Yamuna Rani (2023)., Dynamic modeling and optimal control of reactive batch distillation: An experimental case study, Chemical Engineering Research and Design, Volume 196, PP:451-467
4. Ganesh B., K. Anil Kumar (2019)., Modeling and intelligent control of two tank continuous stirred tank reactor systems using fuzzy logic controller, International Journal of advance research, ideas and innovations in technology, Volume 5, issue-3, PP:1362-1372

International Conference Proceeding Publications/ National Conferences from the Year 2017

1. Ganesh B., K. Yamuna Rani (2024)., Dynamic modeling and optimal control of reactive batch distillation: an experimental case study for Methyl Acetate Production, 2023 Ninth Indian Control Conference (ICC) 18 - 20 December, 2023 GITAM University, Visakhapatnam, India.
2. Lokesh Sai, G. and Krishna, I. Chaitanya Vamsi and P. Tharunesh, P. and Ganesh, B., Fuel Oil from Plastic Waste (February 7, 2020). Proceedings of the International Conference on Advances in Chemical Engineering (AdChE) 2020, Available at SSRN: <https://ssrn.com/abstract=3710529> or <http://dx.doi.org/10.2139/ssrn.3710529>

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