


1	Name of Faculty	Dr. C. Obula Reddy		
2	Designation	Assistant Professor		
3	Nature of Job/Appointment	Regular		
4	Date of Joining	14 – 08 - 2006		
5	E-mail	cobulreddy_biotech@cbit.ac.in		
6	Education Qualifications	Name of the Degree	Class	
	Ph. D	Doctor of Philosophy (Biotech)	Awarded	
	PG	M. Tech. (Biotech)M, Sc (Biotech)	Distinction	
	UG	B. Sc. (with Mb.Z.c)	Second	
7	Work Experience			
	Teaching	17 Years (Includes Research Experience)		
	Research	05 years		
	Industry	--		
	Others	--		
8	Area of Specialization	Biotechnology		
9	Professional Memberships	Member, ISCA Number: L 24120		
10	Responsibilities held at Institution Level	--		
11	Responsibilities held at Department Level	Member, Board of Studies Member, Course Expert Group Coordinator, Industry Institute Interaction Coordinator, NAAC		
12	Research Guidance	Awarded Fellow of society for Bioengineering and Biotechnology.		
13	Awards Received	Awarded Fellow of society for Bioengineering and Biotechnology.		
14	Courses Handled at Under Graduate / Post Graduate Level.	Cell Biology, Microbiology, Industrial Biotechnology, Virology, Cancer Biology, Downstream Processing, Protein Engineering and Enzyme Technology, Fundamentals of Biotechnology, Medical Biotechnology, Developmental Biology Environmental Biotechnology, Environmental Science, Immunology, Food Biotechnology, Fermentation Technology, Molecular Biology, Cell and Molecular Biology.		
15	No. of Papers Published	National Journals – Nil	International Journals – 16	
		National Conference – 2	International Conference –	
16	Projects Carried out	Inhouse R&D project carried out in 2013 for the 'Fabrication of Photo tubular Reactor for the Production of Biodiesel from Microalgae Botryococcus Braunii'.		
17	Patents	--		
18	Technology Transfer	--		
19	Invited Speaker	Invited for the Adjudication of PhD Thesis in VIT University.		
20	No. of Books/Chapter Published with details	Published One Book Titled "Phytochemical Investigation of Calotropisgigantea",2019, Lambert Publications.		

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. Attended Online Advanced ATAL FDP Advanced Manufacturing of Biomedical Devices for Precision Health Technologies " at IITT from 24/01/2022 to 28/01/2022. 2. Attended Online Elementary ATAL FDP on Advanced Manufacturing of Biomedical Devices for Precision Health Technologies, Organized by ATAL Academy from 13-12-2021 to 17-12-2021 3. Attended online webinar on Bioinformatics and Molecular tools to understand Plant Genome Diversity (NBMPGD 2021) Organized by UCAS, Krishna university, Machilipatnam on August 12th,2021 4. The coordinator at "SUDHEE 2021" held on 3rd - 4th March 2021 at Chaitanya Bharathi Institute of Technology(A), Hyderabad - 500 075, Telangana, India. 5. Attended FDP on "Recent Trends in Advanced Materials Science & Engineering Technology", Dept of Chemistry, CBIT, 08-03-2021 to 12-3-12. 6 Attended online webinar on Present and future opportunities in the biopharma and vaccine industries" Organized by FABA Academy, on 26th June, 2021 7 Attended FDP on Advances in Biotechnology and Bioinformatics, 8 Dept of Biotechnology, NIT Warangal from 22-03-2021 to 26-03-2021. 9 The coordinator at "SUDHEE 2021" held on 3rd - 4th March 2021 at Chaitanya Bharathi Institute of Technology(A), Hyderabad - 500 075, Telangana, India. 10 Attended FDP on "Recent Trends in Advanced Materials Science & Engineering Technology", Dept of Chemistry, CBIT, 08-03-2021 to 12-03-2021. 11 Presented a paper in Two-Day Online National Conference on Biological, Biochemical, Biomedical, Bioenergy, and Environmental Biotechnology, NIT Warangal from 29th to 30th January, 2021. 12 Attended online webinar on Bioinformatics and Molecular tools to understand Plant Genome Diversity (NBMPGD 2021) Organized by UCAS, Krishna university, Machilipatnam on August 12th,2021 13 Attended STC on Recent advances in Biomedical Engg, DBT, IITRoorkee from 30-11-2020-04-12-2020. 14 Attended FDP on Advances in Biological, Biochemical and Bioenergy, DBT, NITWarangal from 09-11-2020 to 13-11-2020. 15 Attended FDP on Advances and Applications of Bioprocess Engineering, DBT, NIT Warangal from 24-08-2020 to 28-08-2020. 16 Presented paper in international conference on advance materials science and applications, MSRIT, Bangalore from 3-4 September, 2020mber, 2020. 17 Presented a paper in international conference on materials processing & characterization, ICMP&C, CBIT, Hyderabad from 18th to 19th August 2020. 16. Attended FDP on Evaluation and setting of Question papers, NITTTR, Chandigarh from 20-07-2020 to 24-07-2020. 17. Participated Online National Webinar on "Statistical Analysis with an interface of Engineering Problems", at CBIT, Gandipet, on 13-07- 2020. 18. A Five day online Faculty Development Programme and webinar series on "Latest trends and Future Prospects of Biotechnology", at NIT, Andhra Pradesh, during 06-07-2020 to 10-07-2020. 19. Participated online webinar on "Current Trends and Challenges in 3DBioprinting Technology-2020", at VIT, Vellore, India on the 05-07- 2020. 20. Participated online National webinar on "Innovation, Incubation and Entrepreneurship", at Engineering Staff College of India, on 26-06- 2020. 21. Participated Online Webinar on "CO-PO Attainment", at Inpods, on 13-06-2020
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22	<p>Details of Journal Publications/ Conferences (National and International)</p>	<p>International /National journals from the year 2017</p> <ol style="list-style-type: none"> 1. M. Venkateswarulu, Kurapati Rajagopal, C. Obula Reddy. S. Reddy, Investigation of ground water contamination due to landfill leachate, IJEP, Volume 42, Issue 7, ISSN-0253-7141,2022(Scopus indexed) 2. Kurapati Rajagopal, Y. S. Reddy, Chittepu Obula Reddy, Impact of various factors on the stability of Biodiesel, JBR, Volume13, Issue 10, ISSN-.1944-3285, pp 64-77,2022. (Scopus indexed). 3. Chittepuobulareddy, Kurapati Rajagopal, Homology Modeling and Drug Designing of Tumor Necrosis Factor14 Involved in Rheumatoid Arthritis, IJPR, Volume, Issue13, ISSN 0975-2366, July-sep2021. 4. Kurapati Rajagopal1, Y.S. Reddy2, ChittepuObulaReddy3Distortion of Ultrasonic Waves in Long – Term Stored Biodiesels and Blends, EuropeanjournalofclinicalandMolecularMedicine, volume7, Issue11, ISSN-2515-8260,2020. (Scopus indexed). 5. Chittepuobulareddy, YS Reddy, M. Subhadra, Rajagopal Kurapati (2020), Effect of long-term storage on the fatty acid profile of biodiesel and its impact on the key ultrasonic properties of biodiesel and its blends. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects. Taylor and Francis. online Impact factor3.447, Print ISSN: 1556-7036 Online. (Scopus indexed). 6. Y. sreenivasa Reddy, Chittepu Obula Reddy, Subhadra, Rajagopal Kurapati, (2020) “Long – term storage effect on molecular interactions of biodiesels and blends”., Energy Sources, Part A: Recovery, Utilization, and Environmental Effects. Taylor and Francis. online Impact factor3.447, Print ISSN: 1556- 7036 Online. (Scopus indexed). 7. M.V.N.L. Chaitanya, P. Narendra Kumar, C. Obula Reddy, K. Madhuri, K. Shanthi, S Jubie (2019) “In- silico docking studies of phytometabolites from traditional plant Rujamari (Rosmarinus officinalis) against human Topoisomerases I&II” in International Journal of Pharmaceutical Research Oct - Dec 2019 Vol 11 Issue 4, ISSN 0975-2366, pp. 918-934. (Scopus indexed) 8. Obula Reddy Chittepu (2019) “Isolation and characterization of biosurfactant producing bacteria from groundnut oil cake dumping site for the control of foodborne pathogens”, Grain & Oil Science and Technology, Volume1, Issue1, pp.15-20. Elsevier. 9. Obula Reddy Chittepu, Nathan Vikas Bathula, Krishna Prasad Kata, Nikhila Gopaluni (2019) Evaluation of Random mutations in Streptomyces peuciticus and their impact on the of Daunorubicin Journal of Biotech Research, Volume10, Issue10, pp. 223-229. (Scopus indexed). 10. Chittepu Obula Reddy, Akhila Konda (2019) “Aqueous stem extracts have more antibacterial and antifungal efficacy than its other parts: A Calotropis gigantea as a case study”, Journal of Biotech Research, Volume10, Issue 10, pp. 110-115. (Scopus indexed). 11. P. V. Parvati Sai Arun & C. Obula Reddy & Yusuf Akhter (2018) “Uddanam Kidney Nephropathy Under the light of Metagenomics perspective. Springer Nature comprehensive clinical medicine, volume1, pp23-25. 12. Samiksha, Ayushi Sharma, C. Obula Reddy (2018) “Synthesis of Silver Nanoparticles using Plant extracts and their antimicrobial activity against Klebsiella Pneumoniae” International Journal of Emerging Technology and Advanced Engineering, Vol-8, Issue 1, January 2018, PP .258-264. (Scopus Indexed). <p>Papers Presented in National conferences:</p> <ol style="list-style-type: none"> 1. Presented a paper on Fermentative production of Lactic acid from Lignocellulosic Biomass by mutant Lactobacillus delbrueckii in NCB4ebt-2021conducted by DBT, NITW from 29-01-2021 to 30-01-2021.
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2. Presented a paper on "The Sediment Formation in Long-Term Stored Biodiesels and Blends with respect to Fatty Acid Profile of Biodiesel" in NCB4ebt-2021 conducted by DBT, NITW from 29-01-2021 to 30-01-2021.

Papers presented in international conferences:

1. Presented a paper on effect of freezing and heating on the key fuel properties of long term stored Biodiesel in the proceedings of international e-conference, Applied biosciences for sustainable development, at St Pious X Degree and PG College for Women, Nacharam, Hyderabad, Telangana, 3-4, September, 2021.
2. Presented a paper on Green Synthesis of Zinc Oxide Nanoparticles Using Azadirachta Indica Leaf Extract and its Antibacterial Activity in the proceedings of E conference on Materials processing characterization, ICMPC, 18-19TH Sep. 2020.
3. Presented a paper on The Behavior of Ultrasonic Waves in Long – Term Stored Biodiesels and Blends in International conference on advance materials science and applications, MSRIT, Bangalore from 3-4 September, ICAMSA, 2020.