

Name of Faculty Dr. C. OBULA REDDY  
 Designation Assistant Professor  
 Nature of Job/Appointment Regular  
 Date of Joining 14 – 08 - 2006  
 E-mail cobulreddy\_biotech@cbit.ac.in



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

Work Experience

Teaching	16 Years (Incudes Research Experience)
Research	05 years
Industry	--
Others	--

Area of Specialization Biotechnology

Professional Memberships Member, ISCA Number: L 24120

Responsibilities held at Institution Level --

Responsibilities held at Department Level

1. Member, Board of Studies
2. Member, Course Expert Group
3. Coordinator, Industry Institute Interaction
4. Coordinator, NAAC

Research Guidance --

Awards Received --

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.

No. of Papers Published National Journals – Nil International Journals – 07

National Conference – Nil International Conference – Nil

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'.

Patents --

Technology Transfer --

Invited Speaker --

No. of Books/Chapter Published with details Published One Book Titled "Phytochemical Investigation of Calotropis gigantea", 2019, Lambert Publications.

Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops. Other Trainings (Attended and/or Organized).

1. Participated Online National Webinar on "Statistical Analysis with an interface of Engineering Problems", at CBIT, Gandipet, on 13-07-2020.
2. 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.
3. Participated online webinar on "Current Trends and Challenges in 3D Bioprinting Technology-2020", at VIT, Vellore, India on the 05-07-2020.
4. Participated online National webinar on "Innovation, Incubation and Entrepreneurship", at Engineering Staff College of India, on 26-06-2020.
5. Participated Online Webinar on "CO-PO Attainment", at Inpods, on 13-06-2020.

	<ol style="list-style-type: none"> <li>6. Organized a one week FDP on “Current Progress and Future prospects of Biotechnology”, during 08-06-2020 to 13-06-2020.</li> <li>7. A One Week Online Faculty Development Program on “Waste Management”, at NIITTR, Chandigarh, during 08-06-2020 to 12-06-2020.</li> <li>8. Participated online webinar on “Reverse Genetics in Genomics Era”, at AV College, on 07-06-2020.</li> <li>9. A One Week Online Faculty Development Program on “Outcome Based Curriculum Design”, at NIITTR, Chandigarh, during 01-06-2020 to 05-06-2020.</li> <li>10. A One Week Online Faculty Development Program on “Outcome Based Education”, at CBIT, Gandipet, during 28-05-2020 to 01-06-2020.</li> <li>11. Successfully completed online Training on “How to setup Food Business and Food Processing unit: Impact and Opportunities Post Covid-19”, at MSME technology Development center Agra, during 24-05-2020 to 26-05-2020</li> <li>12. Participated the India First Leadership Talk Webinar with Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd., 23<sup>rd</sup> May 2020 conducted by MHRD's Innovation Cell.</li> <li>13. Participated online National Workshop on “Effective and Efficient online teaching in the age of corona”, A Hands-on Workshop. at IIT, Bombay, on 23-05-2020</li> <li>14. 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 28<sup>th</sup> April to 22<sup>nd</sup> May 2020.</li> <li>15. Successfully Completed “Thoracic Oncology” an online non-credit course authorized by University of Michigan and offered through Coursera on 20-05-2020.</li> <li>16. Participated Online Webinar organized on “NAAC accreditation Demo”, at Inpods, on 20-05-2020.</li> <li>17. Participated the India First Leadership Talk Webinar with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited, 16<sup>th</sup> May 2020 conducted by MHRD's Innovation Cell.</li> <li>18. A One Week Online Faculty Development Program on “OBE step towards Excellence”, at Govt College of Engg, Karad during 11-05-2020 to 15-05-2020.</li> <li>19. Participated the India First Leadership Talk Webinar with Prof D. P. Singh, Chairman UGC, 9<sup>th</sup> May, 2020 conducted by MHRD's Innovation Cell.</li> <li>20. Participated the India First Leadership Talk Webinar with Shri Mahesh Babu, Mahindra Electricals, 2nd May, 2020 conducted by MHRD's Innovation Cell.</li> <li>21. Attended one-week National Workshop on “3DBioprinting and Bio fabrication Technologies and Their Applications”, at IIT, Hyderabad, during 09-12-2019 to 14-12-2019.</li> <li>22. Organized a Two-day National Workshop on Current Trends in Bioinformatics, at CBIT, Gandipet, during 16-03-2019-17-03-2019.</li> <li>23. Attended 3day Workshop on “Animal cell culture”, at CFRD, Osmania university, 2018.</li> <li>24. Organized a Two-Day National Level Technical Symposium “Neozion2018”, during 27-09-2018 to 28-09-2018.</li> </ol>
<p>Details of Journal Publications/ Conferences (National and International)</p>	
<p><b>International /National journals from the year 2017</b></p>	
<ol style="list-style-type: none"> <li>1 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 factor1.184, Print ISSN: 1556-7036 Online.</li> <li>2 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&amp;II” in International Journal of Pharmaceutical Research   Oct - Dec 2019   Vol 11   Issue 4, ISSN 0975-2366,pp. 918-934.</li> <li>3 Obula Reddy Chittepu (2019) “Isolation and characterization of biosurfactant producing bacteria from groundnut oil cake dumping site for the control of foodborne pathogens”, Grain &amp; Oil Science and Technology, Volume1, Issue1, pp.15-20.</li> <li>4 Obula Reddy Chittepu, Nuthan Vikas Bathula, Krishna Prasad Kata, Nikhila Gopaluni (2019) Evaluation of Random mutations in Streptomyces peuceticus and their impact on the of Daunorubicin Journal of Biotech Research, Volume10, Issue10, pp. 223-229.</li> <li>5 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.</li> <li>6 P. V. Parvati Sai Arun &amp; C. Obula Reddy &amp; Yusuf Akhter (2018) “Uddanam Kidney Nephropathy Under</li> </ol>	

the Light of Metagenomics Perspective”, Springer Nature comprehensive clinical medicine, volume1, pp .23-25.

- 7 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.