





DEPARTMENT OF CHEMISTRY


Tara Government College, Sangareddy(A)

Post MoU Activities

S.No.	MoU with	WebLink of MoU	Date of MoU	Coordinated by	Post MoU Activity	No. of Students/Faculty benefited
1	 <p>Ciencia Life Sciences, Hyderabad</p>	http://ccets.cgg.gov.in/Uploads/files/buttonDetails/83872.pdf	02.02.19 (renewed on 28.01.2021)	Dr.Abhijit.K	<ul style="list-style-type: none"> • Provided Biological services for the publication of three (3) SCOPUS (Elsevier & Springer) Journals (CARE LIST). 1. Synthesis of Novel Functionalized PyranoAnnulated/OxazolonePendent Chromone Derivatives as Potent Anti-Diabetic Agents(<i>ISSN 1070-3632, Russian Journal of General Chemistry, 2020, Vol. 90, No. 6, pp. 1074–1082. © Pleiades Publishing, Ltd., 2020.</i>) 2. Design and synthesis of novel benzyloxy-tethered-chromone-carboxamide derivatives as potent and selective human monoamine oxidase-b inhibitors (<i>Chemical Papers, 2021, 75, 703-716</i>). 3. Rational design, synthesis, biological evaluation and molecular docking studies of chromone-pyrimidine derivatives 	Students:110 Faculty:01

					<p>as potent anti-cancer agents.(Journal of Molecular Structure, 2021, <i>1239</i>, 130502).</p> <ul style="list-style-type: none">• Provided Biological services to the JIGNASA Student project titled “Antimicrobial Silver Nanoparticle coating on Currency notes and Mobile phones using Eco-friendly Tollens process for prevention of infectious diseases” which Won State level 2nd Prize.• Provided academic inputs in designing certificate course “Concepts and Analytical techniques in Pharmaceutical chemistry and Organic Synthesis”.• Extension lecture on Molecular docking by Dr.Sabitha.Y, Managing Director & Chief Scientist from Ciencia Life Sciences, Hyderabad on 15.02.19.	
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2	 <p>Qstatix Private Limited, Hyderabad.</p>	http://ccets.cgg.gov.in/Uploads/files/buttonDetails/83870.pdf	23.03.19	Dr.Abhijit.K	<ul style="list-style-type: none"> • Provided Molecular Docking services for the publication of two (2) SCOPUS Journals(CARE LIST). 1. Synthesis of Novel Functionalized PyranoAnnulated/Oxazolone Pent Chromone Derivatives as Potent Anti-Diabetic Agents(<i>ISSN 1070-3632, Russian Journal of General Chemistry, 2020, Vol. 90, No. 6, pp. 1074–1082. © Pleiades Publishing, Ltd., 2020.</i>) 2. Design and synthesis of novel benzyloxy-tethered-chromone-carboxamide derivatives as potent and selective human monoamine oxidase-b inhibitors (<i>Chemical Papers, 2021, 75, 703-716</i>). • Academic inputs in designing the Certificate course “Concepts and Analytical techniques in Pharmaceutical chemistry and Organic Synthesis”. 	Faculty:01 Students: 60
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3	 <p data-bbox="275 954 478 1130">Department of Chemistry, Girraj Govt. College(A), Nizamabad</p>	http://ccets.cgg.gov.in/Uploads/files/buttonDetails/83885.pdf	01.04.2021	Dr.Abhijit.K	<p data-bbox="1178 196 1717 224">Collaborative events organized such as:</p> <ul data-bbox="1220 237 1717 1333" style="list-style-type: none"> <li data-bbox="1220 237 1717 337">• National Webinar on “Entrepreneurship-Opportunities through Research in Science”. <li data-bbox="1220 350 1717 521">• International Invited Lecture & Interactive Talk “SMALL IS BIG: THE BIG IMPACT OF SMALL RIBONUCLEIC ACIDS IN BIOMEDICAL RESEARCH” <li data-bbox="1220 534 1717 634">• CERTIFICATE COURSE IN WATER ANALYSIS (VIRTUAL MODE). <li data-bbox="1220 647 1717 894">• Academic inputs in Syllabus designing and in Certificate courses by Dr.M.Sunitha, Asst.Professor of Chemistry, Girraj Govt. College(A), Nizamabad, as an external University (TU) member of BOS. <li data-bbox="1220 907 1717 1154">• Extension Lecture on “Research Methodology in Chemistry” by Dr.Abhijit.K, Head, Department of Chemistry, Tara Govt. College, Sangareddy(A) was delivered on 29.03.2022 as part of faculty exchange. <li data-bbox="1220 1167 1717 1333">• Joint Student research project conducted as a Collaborative research initiative on ”Impact of ASA and APAP on <i>Oryza Sativa.</i>” 	<p data-bbox="1787 196 1961 261">Students: 900 Faculty: 10</p>
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