



PROFILE

Krishna Chaithanya Karri, Ph.D

Lecturer in Bio Chemistry,

Chaitanya Degree & PG College for women



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Educational Qualifications	<ul style="list-style-type: none">* Ph.D (Biochemistry):(2015) – GITAM University, Visakhapatnam, Andhra Pradesh, India.* M.Sc., Biochemistry (2004-2006):Andhra University, Visakhapatnam, Andhra Pradesh India.* B.Sc., Biochemistry(2001-2004) :Andhra University, Visakhapatnam, Andhra Pradesh India
Area of Specialization	Bio chemistry
WorkExperience <input type="checkbox"/> Teaching	<ul style="list-style-type: none">● Chaitanya Degree & PG college for women from 2020 to till date.● Assistant Professor College of Natural and Computational Sciences, Aksum University, From 2016-2020.● Assistant Professor Aditya Degree College Asilmetta, Biochemistry/ Microbiology Visakhapatnam from 2006-2016● Lecturer and Head of the Department Aditya Degree and Post graduate college of Sciences, Department of Biochemistry/ Microbiology, Kakinada,
Date of Joining	01-06-2020
Strength	<ul style="list-style-type: none">● Good Administration Skills● Visionary Leadership● Strategic Thinking● Commitment to academic excellence● Strong interpersonal skills● Innovative mindset● Cultural competency●
Languages known	Telugu, Hindi, English
Software skills	Ms-Office
Courses taught	BIO CHEMISTRY UG & PG PROGRAMMS



<p>Completed Projects</p>	<ul style="list-style-type: none">• Development of novel metal and metal-oxide tolerogenic nanoparticles (tNPs) for the maintenance of the autoimmune and inflammatory related diseases by targeting inflammatory cytokines.• In vitro anti-proliferative activities and apoptotic potential of green synthesized AuNPs and ZnO nanoparticles in MDA-MB-231 human breast Cancer cell lines.• A baseline assessment on ART treatment failures and slow responders among HIV patients for the development of novel synthetic nucleotide and non nucleotide anti viral agents.• In vitro, in vivo , in silico screening, characterization and development of natural,synthetic and green synthesised nanoparticles as an anti-inflammatory and immune-modulatory compounds by targeting PLA-₂, COX-1&2, 5- LOX, pro-inflammatory & anti-inflammatory (TH-1 & TH-2 cytokines) and inflammatory signalling pathways PI3K, AKT and NF-κB in human inflammatory and cancer cell lines.
<p>Conference / Seminars</p>	<ol style="list-style-type: none">1. Attended Virtual international E-Conference on Recent Invention of Bio-material in current Scenarios (RICBS-2022) jointly organized by D.G Govt Arts College (W) in association with Tamil Naidu state council of Higher education Chennai on April 7th & 8th 2022.2. Attended 1st international E-Conference on New Horizons in Biochemistry ,Microbiology and Food technology -2020 jointly organized by Yogi Vmana University & University of Malaysia Kelatan on October 12 & 13th 2020.3. Attended 1st international virtual conference on ‘Nanomaterials, FIVCON-2020’ organized by Department of Nanotechnology, Acharya Nagarjuna University, Gudur, Andhra Pradesh, India on 10 -12th September, 2020.4. Research article selected for national seminar on “ Nutrition, Health and Environment 2020” conducted by Department of Biochemistry in GIS, GITAM University, Visakhapatnam, Andhra Pradesh, India on 9-10th January , 2020.



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	<p>5. Attended in the seminar on “Advanced diagnosis methods of Cancer “conducted by Department of Biochemistry in GIS, GITAM University, Visakhapatnam, Andhra Pradesh, India on Feb 4, 2015.</p> <p>6. Attended 5th Congress of the “Federation of Immunological Societies of Asia Oceania” in “Basic and Translational Immunology” conducted by FIMSA 2012 in New Delhi, India.</p> <p>7. Attended Andhra Pradesh. Science Congress 2011 organized by GITAM University, Visakhapatnam, Andhra Pradesh, India in 2011.</p> <p>8. Attended “National Symposium on Immunology Today: Recent Developments in health and Diseases” in 2011 in Mysore, India.</p> <p>9. Two days “National Conference on Bio-Informatics and Beyond” conducted by JNTU, Kakinada, India in 2011.</p> <p>10. Attended national conference on Cellular and Molecular Immunology held at Dept. of Biochemistry Andhra University, Visakhapatnam, and Andhra Pradesh, India in 2010.</p> <p>11. National Seminar on emerging trends in Cell and Nano Biotechnology conducted by Dept. of Biotechnology of GITAM Institute of Science, GITAM University, Visakhapatnam, Andhra Pradesh, India in 2009.</p> <p>•</p>
PUBLICATIONS	<p>1. Total number of publications -72 .(Indexed in Scopus)</p>
AWARDS AND HONOURS	<p>1. Certificate of Appreciation ineffective contribution inadvising the student’s research in the academic year 2019-20 given by Department of Biology, College of Natural and Computational Sciences Aksum University, Ethiopia.</p> <p>2. Certificate of Appreciation as a research proposal reviewer given by Office for Research and Community services, College of Natural and Computational Sciences, Aksum University, in the academic year of 2018-2019.</p> <p>3. Certificate of Appreciation for development of curriculum for under graduate biology given by College of Natural and Computational Sciences, Office for Quality Assurance in the academic year of 2018-2019.</p> <p>4. Certificate of Appreciation as a Best Academic performer in the department of Lifesciences given by Aditya Degree colleges</p>



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	<p>Visakhapatnam, Andhra Pradesh, India, on October 26th2016.</p> <p>5. Qualified State Eligibility Test (SET) (held in December 2013) in the Life- Sciences for eligibility for lectureship, conducted an Andhra Pradesh State Government.</p> <p>6. Secured 3rdplace in National symposium on “Immunology Today: Recent developments in health and disease” organized by department of studies in Biochemistry, University of Mysore during November 14th -15th, 2011.</p>
ACADEMIC MEMBERSHIPS	<ol style="list-style-type: none">1. Life Member, Indian Immunology Society (IIS)2. Immuno-Oncology society of India
<i>Faculty Development Programmes / Workshops</i>	<ol style="list-style-type: none">1. <i>Attended four days course on “Basic and Advanced Translational Immunology” conducted by IUIS-IIS –FIMSA 2019 held at College of Medical Sciences, Jaipur, INDIA October 12-16, 2019.</i>2. <i>Participated in the two day workshop on Techniques in Isolation of Bioactive Metabolites from Biological Sources held at Academy of Maritime Education & Training, Chennai, India from on 25th - 26th May, 2016.</i>3. <i>Participated one day workshop on Pros & Cons of Bio-fabrication held at GITAM University, Visakhapatnam, India on 17th Dec, 2015.</i>4. <i>Participated two day workshop on “Advanced methodologies in Bio technology” held at Dept. of BioTechnology of GITAM Institute of Science, GITAM University, and Visakhapatnam in 2015.</i>5. <i>Attended one day workshop on “Research methodology” conducted by Arora Research & Development Cell held Hyderabad in 2013.</i>6. <i>Attended three day workshop in “Advanced Course on Basic and Translational Immunology” conducted by FIMSA 2012 held at New Delhi.</i>