

Dr. DANDAMUDI SRILAXMI

W/o.Ketineni.SunilKumar

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Career Objective: *To build a long-term career in Academics , Administration, and Research with social responsibility and to keep up with the cutting edge of the teaching technologies, while being resourceful, innovative, and flexible towards growth of the Institution, achieve productive experience and update myself with current technologies.*

EDUCATIONAL QUALIFICATIONS

Degree	Year	Subject	University	Percentage/Classes Obtained
Ph.D	2023	Organic Synthesis	Krishana University, Machilipatnam,AP.	Awarded
M.Sc	2003-2005	Organic Chemistry	Chaitanya P.G College, Kakinada, Andhra University, Visakhapatnam,AP.	64%,First class
B.Sc	2000-2003	Maths, Physics, Chemistry	Sir C.R.College for women, Eluru,AP.	73%,First class
Intermediate	1998-2000	Maths, Physics, Chemistry	Board of Intermediate (VidhyaVikas,Eluru)	76%,First class
SSC	1998	--	Board of Secondary Education	62%,First class

WORK EXPERIENCE

Designation	Period of Service		Institution/University	Classes Taught
	From	To		
Assistant Professor	13-9-2010	31-7-2024	Dhanekula Institute of Engineering and Technology, Vijayawada	Engineering Chemistry & Applied Chemistry
Senior Lecturer	2009	2010	Narayana Junior College, Vijayawada	Intermediate Chemistry
Lecturer	2007	2009	Viswa Bharathi P.G College, Hyderabad	M.Sc Organic Chemistry
Lecturer (Parttime)	2006	2007	Adikavi Nannaya University, Rajahmundry	M.Sc Organic Chemistry
Lecturer (Contract)	2005	2007	Govt. Arts & Science College, Rajahmundry	B.Sc Chemistry

AWARDS & RECOGNITIONS

1. Ratified as **Assistant Professor** from **JNTUK** in 2014.
2. Ratified as **Lecturer** in organic chemistry from **Osmania University** in 2007.

PAPER PUBLICATIONS

1. Synthesis of 2-substituted Furo[3,2-b]pyridines Under Pd/C-Cu Catalysis Assisted by Ultrasound: Their Evaluation as Potential Cytotoxic Agents. *Anti-Cancer Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Anti-Cancer Agents)*, 20(8), 932-940. (IF-2.505/SCOPUS/SCIE/Q3)

2. Design, synthesis, anticancer evaluation, and molecular docking studies of chalcone linked pyridine [4,3-b]pyrazin-5(6H)-one derivatives. *Journal of Molecular Structure*, 1229, 129851. **(IF-3.841/SCOPUS/SCIE/Q2)**
3. Sonochemical Synthesis of 6-Substituted Indole [3', 2': 4, 5] pyrrolo [2, 3-b]quinoxaline Derivatives as Potential Cytotoxic Agents. *ChemistrySelect*, 5(45), 14239-14246. **(IF-2.307/SCOPUS/SCIE/Q2)**
4. Design and Synthesis of Different Aryl Substituted 1, 3, 4-Oxadiazole-imidazo [1,5-a]pyridine Derivatives as Anticancer Agents. *Russian Journal of General Chemistry*, 92(5), 891-897. **(IF-0.776/SCPOUS/SCIE/Q3)**
5. A sonochemical approach to 3-(het)aryl substituted 1H-[1,3]oxazino[3,4-a]indol-1-one derivatives promoted by Pd/Cu-catalysts and ZnCl₂. *Tetrahedron Letters* **(IF-2.032/SCPOUS/SCIE/Q3)**
6. Sonochemical synthesis, docking studies and *in vitro* evaluation of imidazo-1,3-oxazine derivatives as potential inhibitors of TNF- α . *Journal of Molecular Structure* **(IF-3.841/SCPOUS/SCIE/Q2)**
7. Design, synthesis and biological studies of tetrazole fused imidazopyridines- *Carbon Letters*. **(IF-5.2/SCPOUS/SCIE/Q1)**
8. IOT based Waste Management: Hybrid Optimal Routing and Waste Classification Model- *Environmental Science & Pollution Research*. **(IF-5.8/SCPOUS/SCIE/Q1)**
9. Magnesium Mediated Synthesis of (-)-(5R,6S)-6-acetoxy-5-hexadecanolide from Diethyltartrate- *Science and Technology*. **(IF-1.25/SCPOUS)**
10. In silico studies on 1,2,4,-thiadiazole-imidazoles as potential anti cancer agents- Current trends in biotechnology and pharmacy.
11. Synthesis and biological evaluation of Amide Derivatives of Pyrido-thiazolo [5,4-b]pyridine as Anticancer Agents. Under review *Journal of Molecular Structure*, **(IF-3.841/SCOPUS/SCIE/Q2)**
12. Design, synthesis and anticancer evaluation of oxazole incorporated of 1,3,4-oxadiazole-thiazoles. Under Revision to *Carbon Letters*. **(IF-5.2/SCPOUS/SCIE/Q1)**
13. Newer Synthetic Strategy for the N-Benzyl-(8s)-4-(Benzenesulfonyl)-8-Hydroxyazonan-5-One. Under Review to *Modern approaches in drug discovery* **(IF-0.56/SCPOUS)**
14. Metal mediated total synthesis of (-)-(5R,6S)-6-acetoxy-5-hexadecanolide as mosquito oviposition attractant pheromone - Under Revision to *Chemical Data Collections*. **(IF-**

0.217/SCOPUS/SCIE/Q3)

15. Design, Synthesis and Biological Activity of Amide Derivatives of 1,2,4-Thiadiazole–imidazoles.- Under Revision to *Chemistry and biodiversity* (IF-2.7/SCOPUS/SCIE/Q2)
16. Ultrasound assisted synthesis of 4-(1H-indol-3-yl)thieno[2,3-d]pyrimidine derivatives via AcOH mediated C-C bond forming reaction- Communicated to *polycyclic aromatic compounds* (IF-2.195/SCOPUS/SCIE/Q2)
17. Synthesis of 3D-foam Nitrogen doped Graphene for electrochemical determination of hydrogen peroxide.– Under Revision to *International Journal of Environmental Analytical Chemistry* (IF-2.731/SCOPUS/SCIE/Q2)

PAPERS/POSTERS PRESENTED

1. **Presented Oral Presentation** at UGC Sponsored Two Day National Seminar on Recent Trends in Sustainable Technology and its Applications in Applied Sciences (STAAS – 2024) 23rd & 24th February, 2024 Organized by Department of Chemistry University College of Sciences ACHARYA NAGARJUNA UNIVERSITY Nagarjuna Nagar, Guntur – 522510 Andhra Pradesh, India.
2. **Presented Oral Presentation** at a Two-Day International Conference On “CATALYZING INNOVATION: EXPLORING THE FRONTIERS OF SUSTAINABLE CHEMISTRY FOR A GREENER FUTURE”- ICONPAC 2024 on Feb 2,3,2024 Organized By The Dept Of Chemistry, KLEF, Vijayawada, Ap, India.
3. **Presented Oral Presentation** at A THREE DAY NATIONAL CONFERENCE ON Synergies in Chemistry, Material Science, and Quantum Computers-2024 (SCMQ2024) 29-31st January, 2024, organized by Organized by Department of Chemistry (Recognized as Research Centre by ANU) Bapatla Engineering College (Autonomous) Mahatmaji Puram, GBC Road, Bapatla, Bapatla (Dt), Andhra Pradesh, INDIA, Pin Code:-522102 In association with A.P. Akademi of Sciences, Amaravathi
4. **Presented Oral Presentation** at Two-day National Virtual Conference on Environmental Sustainability (NCES- 2022) Living sustainability in Harmony with Nature: One Life-One Planet conducted during 19 to 20 Dec 2022 organized by Dept of Chemistry, KLEF, Guntur, AP, India.
5. **Presented Paper** at Two-Day International Conference On "International Conference On Pure And Applied Chemistry – ICONPAC 2022", On May 6-7, 2022, Organized

ByTheDeptOfChemistry,KLEF,Vijayawada,Ap, India.

6. **Presented Paper at AP Science Congress-**
2018 Yogi Vemana University, Kadapa, 9th To 11th November 2018
7. **Presented Poster at 2nd AP Science Congress** At P.B.Siddhartha College Of Arts And Science, Vijayawada, 7th To 9th November, 2016.

SEMINARS/CONFERENCES ATTENDED

1. UGC Sponsored Two Day National Seminar on "Recent advances in chemical sciences for sustainable development (RACSSD – 2025) 03rd & 04th march, 2025 Organized by Department of Chemistry University College of Sciences ACHARYA NAGARJUNA UNIVERSITY, Nagarjuna Nagar, Guntur – 522510 Andhra Pradesh, India.
2. Two day National seminar on artificial intelligence in chemistry current trends & future directions (NSAIC-2023) from 22nd, 23rd dec, 2023 organized by KBN College (UG, PG) Department of Chemistry, in collaboration with APSCHE, Krishna University.
3. One Week Faculty Development Programme on Research Paper Writing from 21/08/2023 to 26/08/2023 organized by School of business administration, Research foundation of India & RFI-CARE
4. One Week Faculty Development Programme on Making Villages Smart from 13/02/2023 to 17/02/2023 (One Week) conducted by NITTTR Chandigarh, Ministry of Education
5. One Week Faculty Development Programme on Curriculum Design for Developing Job related Competencies from 09/01/2023 to 13/01/2023 (One Week) conducted by Curriculum Development Centre Department of NITTTR Chandigarh, Ministry of Education
6. Five-day National level Online FDP on effective pedagogy for science from 29.11.2022 to 03.12.2022 organized by Department of Physics and Mathematics, JMJC College for Women (Autonomous), Tenali.
7. One Day National Seminar 2022 on the theme of "Green Chemistry Applications in Process Development" that conducted on 11th November 2022 Organized by the Department of Chemistry, KLEF, Guntur, AP, India.
8. Interdisciplinary Six-Day National Webinar cum Faculty Development Program on Emerging Trends and Technologies in Development of Skills in Higher Education from 21.11.2022 to 26.11.2022 jointly organized by Department of English and Zoology, JMJC College for Women (Autonomous), Tenali.

9. One-Week Virtual FDP on 'Research Design, Ethics & Metrics' organized by IQAC and Research Promotion and monitoring cell KBN College, Vijayawada from 18.10.2021 to 23.10.2021.
10. One Day National Webinar on "Managing Personal Finance and Wealth Creation" organized by Sri Durga Malleswara Siddhartha Mahila Kalasalai in Collaboration with Association of Mutual Funds of India (AMFI) on 7th Sept, 22.
11. One Week FDP on "Enhancing the academic and intellectual environment in the higher educational institutes" (online) organized by Research & Development & Dept. Of Mathematics, Krishna University from 11th July 2022 to 16th July 2022.
12. One Week FDP on "Research Opportunities & Funding Agencies" (online) organized by Research & Development, Krishna University from 27th June 2022 to 02nd July 2022.
13. One day Workshop on "Research Paper and Research Proposal Writing" organized by faculty of Maths, Physics and Chemistry, freshman engineering department on 26-03-2022 PVPSiddhartha Institute of technology.
14. ONE WEEK International Online FDP on "Research Tools & Methodologies", held from 27th September - 01st October 2021, conducted by Lendi Institute of Engineering and Technology, Vijayanagaram
15. National Webinar on "Judicial Activism and Sustainable Environment" on the eve of International Ozone Day, 16th September 2021 conducted by department of environmental Science and center for environmental education and ecological development (CEEED).
16. One Day International Webinar on "Advances in Cancer Treatment : Focus on Immunotherapy" organized by the Department of Biochemistry, Krishna University Dr. MRAR College of PG Studies, Nuzvid, Krishna District, Andhra Pradesh on 08th September 2021.
17. Webinar on Patent Writing organized by Turnip Innovations Pvt. Ltd. On 28th August, 2021.
18. Two Week Online workshop on "Thin film and Nanomaterials (IWTN-2021)" organized by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai in Association with Tamil Nadu State Council for Science and Technology (TNSCST) during 09.08.2021-20.08.2021.
19. National webinar on Recent Advances in Drug Development for Mankind (RADDMM 2021), organized by the Department of Chemistry, GITAM Institute

of Science, GITAM (Deemed to be University), Visakhapatnam on 11-08-2021.

20. One day national webinar on Nano Materials & their Applications, organized by department of chemistry, Krishna University, Machilipatnam, in association with K.B.N College (Autonomous) Vijayawada on 3RD, August, 2021.
21. One Week online FDP on Chemistry for Societal Advancements from 26th to 31st July, 2021.
22. Two-day National conference entitled National conference on sustainable technology and development-environmental Impacts on 22nd and 23rd February 2021 organized by department of chemistry, Koneru Lakshmaiah Education Foundation-deemed to be university, Vaddeswaram, Guntur, A.P.
23. "Awareness Webinar on Outcome Based Education and Accreditation (OBE&A)" on 25-11-2020, organized by National Board of Accreditation, New Delhi in association with Jawaharlal Nehru Technological University, Hyderabad.
24. Online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 19-23 October 2020 as organized by **All India Council for Technical Education (AICTE)**.
25. National Level One Day Online Workshop on "Evolution and Treatment Options of COVID-19" organized by the Department of Biochemistry, Krishna University Dr. MRAR PG Centre, Nuzvid, Krishna District, Andhra Pradesh on 22nd September 2020.
26. One-Day National Webinar on "Online English Communication & Digital Initiatives For Higher Education" Organized by English discipline of Freshman Engineering Department in association with Spoorthi-The Literary Club, Lakireddy Bali Reddy College of Engineering on 08.08.2020.
27. Two-day FDP on Analytical and Diagnostic Tools in Chemical and Life Sciences conducted by Andhra University, Visakhapatnam and Andhra Pradesh Akademi of Sciences, 5th, 6th June, 2020
28. FDP on Outcome Based Education conducted by St. Joseph's Degree College, Karnool, 28th, 29th, 30th May, 2020.
29. FDP on Moving to Master Science in Technology conducted by Pottisriramuluchadalavadamallikarjunarao College of Engineering, 18th, 19th, 20th June, 2020.
30. International conference on state of knowledge of chemistry in industry and environment S.V.R.M College, Nagam, Guntur, 22nd to 24th June, 2018.

31. **AICTE Approved** FDP on FOUNDATION PROGRAM IN ICT FOR EDUCATION (FDP101X) conducted by IIT Bombay September 13th to October 18th, 2018.
32. **AICTE Approved** FDP on PEDDAGOGY FOR ONLINE AND BLENDED TEACHING LEARNING PROCESS (FDP102X) conducted by IIT Bombay October 30th to December 13th, 2018.
33. International Seminar on Technologies And Innovations For Societal Advancement (Tisa-2018) Conducted By A.G & S.G. Siddhartha Degree College of Arts And Science, Vuyyuru, 20th December 2018.
34. International Seminar On Biomass-Sustainable Solutions On Energy, Chemicals Industrial Materials Conducted At Usha Rama College Of Engineering And Technology, Vijayawada, 22nd September 2016.
35. Legislative Assembly Organizes **National Women's Parliament** Pavitrasangamam, Amaravati, 10th To 12th February, 2017.
36. National Seminar on Nanotechnology for Sustainability of Rural India- Ntsri' 14 At KLU University, Vaddeswaram, Guntur, 19th February, 2014
37. FDP On Instructional Design and Delivery Conducted by National Institute Of Technical Teachers Training & Research, Chennai, 29th October To 2nd November, 2012
38. FDP On Latex Conducted By Dhanekula Institute Of Engineering & Technology, Ganguru, 4th May, 2013
39. National Conference On Recent Trends In Nanoscience And Technology For device Applications (Rntda-2013 At KI University, Vaddeswaram, Guntur, 4th, 5th April, 2013
40. FDP On Characterization of Nano Materials at VRS Siddhartha Engineering College, Vijayawada, 27th April, 2012.

ONLINE COURSES

1. A Four-week INTRODUCTION TO MOLECULAR SPECTROSCOPY course conducted by University of Manchester.
2. A Five-week NANOTECHNOLOGY AND NANOSENSORS, PART 1 course conducted by Technion-Israel Institute of technology.
3. A Five-week NANOTECHNOLOGY AND NANOSENSORS, PART 2 course conducted by Technion-Israel Institute of technology.
4. A Three-week DRUG DISCOVERY course by University of California San Diego.
5. A One-

weekonline refresher course BHARATEEYACHAITANYAM conducted by CBIT, Hyderabad.

OTHER ACADEMIC RESPONSIBILITIES

1. **Observer** for B.Tech regular/supplementary examinations under JNTUK
2. **External Examiner** for Engineering Chemistry and Organic Chemistry Labs
3. **Lab Incharge** for Engineering/Applied Chemistry labs
4. **Faculty Coordinator** for Engineering/Applied Chemistry
5. **Chief evaluator** for B. Tech regular/supplementary exams under JNTUK.
6. **Question Paper Setter** for various Autonomous Engineering Colleges

TECHNICAL SKILLS

1. Windows XP, Windows 7
2. MS Office.

ADMINISTRATIVE EXPERIENCE

1. Antir-agging Committee **Coordinator at Institute level**
2. Worked for **NAAC, NBA in Department criteria.**
3. **Member** of various **committees at Institute level.**

MEMBERSHIP

1. Lifetimememberin
IndianSocietyofSystemsforScience&Engineering(ISSE),MembershipNo.LM03780
2. Lifetime member in IAENG Society of Chemical Engineering,
MembershipNo.186140

PERSONAL DETAILS

Name : Dr.Dandamudi.Srilaxmi

Spouse'sName : Mr.Ketineni.SunilKumar

DateofBirth :02,June1983

Community : OC

MaritalStatus : Married

Nationality : Indian

Bloodgroup : AB+

Mothertongue : Telugu

Languagesknown : Telugu, English.

Permanent Address: W/o. K.SunilKumar
Door No:4-40, Opposite Chinnagudi
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Mobile:9989633788
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Declaration

I hereby declare that the above-furnished details are true to the best of my knowledge.

Place: Vijayawada

Date:

(Dr.D.Srilaxmi)