

FACULTY PROFILE

Name of the Faculty:	Dr Lakshmi Kondraganti					
Designation:	Assistant Professor					
Department:	Chemistry					
Date of Birth:	02-06-1983					
AICTE – ID:	1464499597					
Education	- B.Sc in chemistry from Acharya Nagarjuna University in 2003 - M.Sc in Organic chemistry from Acharya Nagarjuna University in 2005 - PhD in organic chemistry from JNTUK -KAKINADA University in 2019					
Experience	Teaching: 19 Years	Industry: ____ Years	Total: 19 Years			
	Research: 13 Years	Others: _2.5_ Years				
Research Specialization	Organic chemistry					
Courses taught	1.Engineering chemistry 2. Organic chemistry-I&II 3. Environmental studies 4. Physical Chemistry					
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1.	Synthesis and antimicrobial activity of some 1,4-dihydropyridines derivatives	Scientific Reviews & Chemical Communications	2013	3(3)	141-149	Google Scholar
2.	Development and validation of a stability indicating related substances of baricitinib by RP-HPLC and its degradation'	International Journal of Management and Humanities	2019	4(2)	4-9	Google Scholar

3.	Antimicrobial activity of benzimidazoles derivatives	International Journal of Management and Humanities	2010	4 (11)	23-27	Google Scholar
4.	Cobalt-catalyzed domino C-N cross-coupling reaction between phenyl(2-halo)isothiourea and aryl halide	Phosphorus, Sulfur, and Silicon and the Related Elements	2021	196	559-568	SCI
5.	One-pot synthesis of Benzimidazoles by using Metal sulfide Nanoparticles	Science Spectrum	2022	07	65-69	
6.	Antidiabetic and antioxidant activities of synthetic 2-styrylchromones	<i>Biorg. Med. Chem</i>	2025	08	1-9	Google Scholar
7.	stress degradation studies and validation for the simultaneous determination of anti-viral drugs sofosbuvir and ledipasvir in bulk and pharmaceutical dosageforms by rp-hplc	Eur. Chem. Bull	2023	,12(3)	1680-1702	Scopus
8.	Synthesis of Benzimidazoles via Domino Intra and Intermolecular C-N Cross-Coupling Reaction	journal of Indian Chemical Society"	2018	95	3626	SCI
9.	Synthesis of benzimidazoles via domino intra and intermolecular C-N cross-coupling reaction"	ChemistrySelect	2018	3	11744 - 11748	SCI
10.	Synthesis of Benzimidazoles via Domino Intra and Intermolecular C-N Cross-Coupling Reaction"	journal of Indian Chemical Society	2018	95	65-69	SCI

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	Year
1	One-Pot Synthesis of Benzimidazoles by using Sulfide Zinc, Cadmium and Mercury Nanoparticles	Advanced Research Trends in Chemistry	Bright sky publications	2024
2	Isolation,	Advanced Research Trends in Chemistry	Bright sky publications	2025

	Characterization and Biological Activity Studies of New Flavones from <i>Grangea maderaspatana</i>			
Details of Patents (Filed & Granted)				
S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202321064055	Reversible Click Chemistry Reactions for Dynamic Nanostructured Material Synthesis	24/092023	Published
Details of Conferences/FDPs/STTPs/webinars/Workshops Organized				
S.No.	Name of the event	Role	Dates	
1	NationalConference on Synergies in Chemistry, material science and quantumcomputers-2024 (SCMQ-2024)	Programme co-ordinators	29-31st January, 2024	
Details of Conferences/FDPs/STTPs/webinars/Workshops Participated				
S.No.	Name of the event	Organized by	Dates	
1.	<i>Emerging trends in Organic Chemistry</i>	KBN College, Vijayawada	28 th &29 th Sept, 2018	
2.	A workshop on “ <i>Intellectula property and innovation management</i> ”	Bapatla Engineering College, Bapatla	31 st Aug to 1 st Sep 2018	
3.	A National seminar on “ <i>Green Chemistry for a sustainable and healthy economy</i> ”	V.R.S & N.V.R College, Tenali	23 rd January 2016	
4.	A National workshop on “ <i>Instrumentation Techniques for Research in Science and Technology</i> ”	Vignan’s University, Guntur	9 th Nov.2013	
5.	A National seminar on “ <i>Recent trends in Chemistry</i> ”	KRK Govt.Degree College, Addanki	22-23August 2014	
6.	A National seminar on “ <i>Green Chemistry for a sustainable and healthy economy</i> ”	V.R.S & N.V.R College, Tenali	23 rd January 2016	
Awards/recognitions/achievements				
S.No.	Name of the Award	Awarding body/Society/Organization	Year	
1.	Sri Tella Nageswararao Gold	Bapatla Educational society	2005	

	medal		
2.	AP SET -2017, Chemical sciences	Gov of Andhra Pradesh, Andhra University	2017
3.	AP SET -2019, Chemical sciences	Gov of Andhra Pradesh, Andhra University	2019

Administrative experience

S.No.	Role	Duration (From – to)
1.	Girls Hostel Committee member	2008-2009
2.	In-charge of Engineering Chemistry laboratory	2010 to 2019
3.	Time-Table In-charge	2013-2016
4.	Health club convener	2013-2016
5.	Member of Cultural-committee	2011-2019
6.	Member of Discipline committee	2011-2019
7.	I B.Tech class coordinator	2024-2026
8.	IQAC Member	2023-2024

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=lakshmi+kondraganti&og=lakshmi++kondra
SCOPUS	
Web of Science	HHY-9000-2022.
Vidwan ID	324314

Dr Lakshmi Kondraganti
17-08-2026