


FACULTY PROFILE

Name of the Faculty:		Dr. MOHAN SEELAM				
Designation:		Assistant Professor				
Department:		Chemistry				
Date of Birth:		01-7-1983				
AICTE – ID:		1-430210655				
Education		<ul style="list-style-type: none"> [PhD] in [Organic Chemistry] awarded in [February 2018], from [Acharya Nagarjuna University], [Guntur]. [MSc] in [Organic Chemistry] with [First class] from [Andhra University], [Govt. college, Tuni], [2004 – 2006]. [BSc] in [Repalle Christian College] with [first class] from [Acharya Nagarjuna University], [Guntur], [2001-2004]. 				
Experience		Teaching: 17 Years	Industry: ____ Years	Total: 17Years		
		Research: 14 Years	Others: ____ Years			
Research Specialization		Synthetic Organic Chemistry				
Courses taught		1. Engineering Chemistry 2. Organic synthesis & Reaction Mechanism 3. Environmental Studies				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	“Method Development and Validation for Famciclovir and Valacyclovir by using UPLC and its Degradants are Characterized by LC-MS/MS”	International Journal of Pharmaceutical Quality Assurance	2022	13	232-239	Scopus
2	“Validated Method Development of Levamisole and Inosine pranobex by using UPLC & Characterization of Degradants by LC-MS/MS”	YMER	2022	21	734-744	Scopus
3	“Evaluation of Antimicrobial Activity of Aryl/Alkyl	Russian Journal of Bioorganic	2022	48	292-299	SCI

	Cyanamides and Substituted Tetrazole Compounds”	Chemistry				
4	“Development and Validation of RP-HPLC Method for the Simultaneous Determination of Cisplatin, Capecitabine and Trastuzumab”	International Journal of Pharmaceutical Quality Assurance	2022	13	30-38	Scopus
5	“Analytical Method Development & Validation for the Estimation of Temazolamide and Anastrozole by Using RP-HPLC Method”	Journal of Cardiovascular Disease Research	2021	12	985-995	Scopus
6	“A Novel Validated Gas Chromatography Headspace (GC-HS) Method for the Simultaneous Quantification of Six Organic Volatile Impurities in Biperiden HCL Pure and Pharmaceutical Dosage Forms”	International Journal of Pharmaceutical Quality Assurance	2021	12	309-315	Scopus
7	“Liquid Chromatography-Mass Spectrometry Method Development and Its Validation for the Estimation of Favipiravir and Remdesivir in the Rat Plasma”	International Journal of Current Research and Review	2021	13	67-74	Scopus
8	“3-D Printing Technology in Pharmaceutical”	Natural volatiles and Essential oils	2021	8	5342-5349	Scopus
9	“A Simple Reversed Phase High Performance Liquid Chromatography Method for the Estimation of Related Substances, Assay of Cabozantinib and Nivolumab and its Application to Dissolution Studies”	Indian Journal of Pharmaceutical Sciences	2021	83	701-713	SCI
10	“Rp-Hplc Method for Simultaneous Estimation of Vildagliptin and Metformin in Bulk and Pharmaceutical Formulations”	International Journal of Current Research and Review	2021	13	112-117	Scopus
11	“Iodine- Mediated Multi-Component Reactions: Readily Access to Tetrazoles and Guanidines”	Letters in Organic Chemistry	2021	18	382-388	Scopus

12	"A NEW WAY OF METHOD ESTABLISH AND VALIDATED OF RELATED SUBSTANCE OF GLASDEGIB BY RP-HPLC AND ITS FORCED DEGRADATION STUDY"	International Journal of Pharmaceutical Sciences and Research	2021	12	1599-1607	Scopus
13	"Development and Validation of RP-HPLC Method for the estimation of L-methyl Folate and Tofisopam in combined Formulation"	Asian Journal of Research in Chemistry	2021	14	28-36	UGC
14	"Validated RP-HPLC Method for simultaneous estimation of Domperidone and Naproxen in bulk Drug and Formulations"	International Journal of Innovative Engineering and Management Research	2020	09	701-706	GS
15	"Novel validated reverse-phase high-performance liquid chromatography method for determination of glucosamine, diacerein, and methyl sulfonyl methane in micro sample rat plasma and its application to pharmacokinetic and dissolution studies"	Asian Journal of Pharmaceutical and Clinical Research	2020	13	50-63	UGC
16	"Validated Spectrophotometric determination of Tiagabine HCl and Cefatamet Pivoxil Hydrochloride in Pharmaceutical Formulations"	Journal of Information and Computational Science	2020	10	327-336	GS
17	"Nickel mediated tandem reaction towards the synthesis of Cyanamides"	Journal of Emerging Technologies and Innovative Research	2020	7	610-619	GS
18	"Antimicrobial Activity of Benzimidazoles Derivatives"	International Journal of Management and Humanities	2020	4	23-27	GS
19	"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	4-9	GS
20	"An Efficient Methodology for Iodine-Catalyzed Synthesis of N, N' – Disubstituted Guanidines"	International Journal of Recent Technology and	2019	8	294-297	UGC

		Engineering				
21	"Copper Promoted C-S and C-N Cross-Coupling Reactions: The Synthesis of 2-(N-Arylamino)benzothiazoles and 2-(N-Arylamino)benzimidazoles,	Tetrahedron	2019	75	3865-3874	SCI
22	"Analytical Stability Indicating HPLC Assay and Validation of Oxymetazoline HCl and Sorbitol In Bulk and Pharmaceutical Dosage form"	Journal of Emerging Technologies and Innovative Research	2018	5	653-659	GS
23	"Nano BF ₃ .SiO ₂ catalysed, microwave assisted Michaelis-Arbuzov reaction to synthesize biologically active phosphonates under solvent-free condition"	Materials today proceedings	2018	5	25832-25842	Scopus
24	"Stability-indicating RP-HPLC method for the determination of doxepin, benzyl alcohol and capsaicin in bulk & pharmaceutical dosage forms"	Journal of Emerging Technologies and Innovative Research	2018	5	97-111	GS
25	"Microwave assisted greener approach to synthesize α -aminophosphonates under catalyst free and solvent-free condition and their bioactivity evaluation"	International Journal for Research in Engineering Application & Management	2018		327-333	GS
26	"Cobalt promoted tandem reaction towards the synthesis of Aryl/Alkyl cyanamides and substituted tetrazoles"	Chemistry of Heterocyclic Compounds	2018	54	534-544	SCI
27	"SOLVENT –FREE SONOCHEMICAL KABACHNIC-FIELDS REACTION TO SYNTHESIZE SOME NEW α -AMINOPHOSPHONATES CATALYZED BY NANO BF ₃ .SiO ₂ "	Phosphorus, Sulphur, and Silicon and the Related Elements	2018	193	400-407	SCI
28	"STABILITY INDICATING RP-HPLC METHOD FOR THE ESTIMATION OF DIETHYLCARBAMAZINE CITRATE, GUAIPHENESIN AND CHLORPHENIRAMINE MALEATE"	International Journal of Applied Pharmaceutics,	2018	10	124-135	Scopus
29	"Efficient Copper-Promoted	Chemistry	2017	2	11521-	SCI

	Tandem Multi-Component Strategy: The synthesis of 1-Aryl/Alkyl-5-(N-Benzoylamino) Tetrazoles and Guanidine's"	Select			11525	
30	"Microwave-assisted synthesis and anti-inflammatory activity evaluation of some novel α -aminophosphonates"	Phosphorus, Sulphur, and Silicon and the Related Elements	2017	192	1110-1113	SCI
31	"Analytical Method Development and Validation of Simultaneous Estimation of Paracetamol, Aceclofenac and Serratiopeptidase by RP-HPLC"	International Journal of Ophthalmology & Visual Science	2017	2	69-7	GS
32	An efficient methodology for the synthesis of thioureas from amine mediated by a cobalt source	Tetrahedron Letters	2016	57	5297-5300	SCI
33	"Pollution study in Bapatla town, Guntur District, Andhra Pradesh"	International Journal of Modern Trends in Engineering and Science	2016	3	6-9	GS
34	"Cobalt Mediated by Desulphurization towards the Synthesis of Isothiocyanates"	Synthetic Communications	2016	46	1759-1765	SCI
35	"Synthesis, Characterization and Antimicrobial activity of Some Flavones"	Asian Journal of research in Chemistry	2013	6	163-165	GS
36	"Synthesis, Characterization and Antibacterial activity of few Chalcones" International Journal of Pharma and Bio Sciences,	International Journal of Pharma and Bio Sciences	2012	3	781-788	UGC
37	"Synthesis characterization and Anti-microbial activity of some Chalcones"	International Journal of Pharmaceutical Research and Development	2012	4	97-101	GS
38	K "Synthesis characterization and Anti-microbial activity of some Chalcones"	International Journal of Pharmacy and Technology	2012	4	4060-4066	GS

Details of Patents (Filed & Granted)

S.	Applications number	Title of the patent	Date of	Published/granted
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No.			filing/publishing	
1	202141004378 A	ECLIPTA ALBA BASED COMPOSITION FOR HAEMORRHOIDS AND ITS PREPARATION METHOD THEREOF	05/02/2021	Published
2	202141018335 A	ARTIFICIAL INTELLIGENCE BASED ANIMAL DETECTION AND IDENTIFICATION SYSTEM FOR PROTECTION OF FIELD CROPS	30/04/2021	Published

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	National conference	Advisory committee Member	13-14 th March-2020

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	International conference	RGM College of Engineering & Technology, Nandyal, India.	21-22nd December-2018
2	National seminar	PB Siddhartha College of Arts & Science, Vijayawada, India.	22nd, March-2018
3	National seminar	JKC autonomous College, Guntur, India.	21st February-2018
4	National symposium	JKC autonomous College, Guntur, India.	18th September-2017
5	International Symposium	SRKR Engineering College, Bhimavaram, India.	31st August-2017

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best teacher award	Bapatla Engineering College, Bapatla	2019

Administrative experience

S.No.	Role	Duration (From – to)
1	Time Table & Result Analysis In-charge	2014-16
2	Website coordinator	2015-16
3	Examination officer	2016-19 & 2023-24
4	Class Coordinator ¼ ECE-A	2018-19, to 2020-21
5	Class Coordinator (PG)	2021-2022 to 2022-2023
6	Discipline committee member	2019-till date
7	BOS member	2014- till date
8	MOOCS coordinator	2019-20 to 2022-23
9	Canteen In charge	2022-till date
10	BCAP Coordinator	2022-23

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?hl=en&user=zaKbyZ0AAAAJ
SCOPUS	
Web of Science	
Vidwan ID	https://vidwan.inflibnet.ac.in/profile/324284

Any other relevant information

1. Life Member in “International Society for Research and Development” (ISRD), 8A Kapteinsvigein, LONDON, UNITED KINGDOM (Membership ID: M4150902469)
2. Member in “Science Research Association” SCIREA Journal of Chemistry
3. Member in “International Journal of Latest Engineering Science” (Membership ID: IJLES-201836)
4. Reviewer in Journal of Emerging Technologies and Innovative Research (JETIR)

(Dr. S. Mohan)
(17-9-2023)