

**DR. ARASAVELLI ANANDA MOHAN**  
**M.Sc., Ph.D.**  
Assistant Professor  
Dr.B.R.Ambedkar University-Srikakulam  
Etcherla, Pin: 532 410; Andhra Pradesh, INDIA  
Dept. of **ORGANIC CHEMISTRY**  
Mobile.No: **09603113303**  
Email: [anandamohan.organic@gmail.com](mailto:anandamohan.organic@gmail.com)



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### Professional Objective

To prove myself dedicated, worth full and energetic as a teacher in chemistry in progressive institution that gives me scope to apply my knowledge, and skills and be a member of a team that dynamically works towards success and growth of the institution.

### Research Interest

Design and synthesis of biologically active molecules and explore their efficacy as drugs.

### Educational Qualifications

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<b>Ph.D: Synthetic Organic Chemistry</b>	<b>2018</b>
Jawaharlal Nehru Technological University-Kakinada (JNTUK)	
Supervisor: Prof. G.V.R. Sharma, GITAM University, Visakhapatnam	
Co supervisor: Dr. V. Siddaiah, Andhra University, Visakhapatnam	
<b>Thesis Title:</b> <i>Synthesis, Characterization and Biological Evaluation of New Substituted Thiophene chalcones, Thiophene carboxylic acids, Purine nucleosides and Indazole derivatives.</i>	
<b>Master of Science: Organic Chemistry</b>	<b>2006</b>
Andhra University, Visakhapatnam	
<b>Bachelor of Science: Mathematics, Physics, Chemistry</b>	<b>2002</b>
Andhra University, Visakhapatnam	

### Teaching Experience: 12 Years and 5 Months

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<b>Lecturer in Chemistry</b> for M.Sc Organic Chemistry	<b>1/7/2006 to 24/7/2007</b>
Gayathri College of Science and Management, Srikakulam	
Taught Organic Reaction Mechanism and Organic Synthesis	
Conducted practicals for M.Sc Organic Chemistry students	

<b>Assistant Professor of Organic Chemistry</b>	<b>25/7/2007 to Till Date</b>
Dr.B.R.Ambedkar University, Srikakulam	

### Papers Taught:-

**Theory:** Organic Reaction Mechanism, Stereo Chemistry, Organic Synthesis, Oxidation, Reduction, Heterocyclic Compounds, Natural Products, Organic Spectroscopy, Organic Photochemistry, Pericyclic Reactions, Fundamentals of Inorganic Chemistry.

**Organic Lab:** Experienced in conducting the following practicals for M.Sc Organic Chemistry students.

Multi stage organic synthesis and characterization of derivatives, monitoring the reactions by TLC, separations of organic compounds by column chromatography, identification of functional groups and preparation of its derivatives etc.

**Guest Faculty:**

Govt. Degree and P.G College, Srikakulam

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**Administrative Experience**

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As a Course Coordinator for M.Sc (Organic Chemistry) programme from 26<sup>th</sup> September, 2017 to 25<sup>th</sup> September, 2018.

**Professional Experience**

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- Developed budgets for maintaining chemistry department.
- Assisted in curriculum developmental activities.
- Developed and revised course materials.
- Monitored student progress and provided feedback for improvements.
- Assisted in student registration, advisement and placement activities.
- Provided support in department planning activities.
- Maintained daily lesson plans.
- Facilitated class discussions to provide quality learning experiences.
- Maintained student attendance and progress records.
- Ensured that students followed college rules.
- Conducted chemical experiments in laboratory.

**Examinations**

Paper Valuation (Theory) - M.Sc Organic Chemistry	Dr.B.R.Ambedkar University-Srikakulam, Andhra University, Visakhapatnam.
Practical Examiner - P.G Semester End Practicals	Dr.B.R.Ambedkar University-Srikakulam and Andhra University, Visakhapatnam.
Squad Member - U.G Examinations.	Dr.B.R.Ambedkar University - Srikakulam

**List of Publications:**

1. **Ananda Mohan Arasavelli**, Ganapavarapu Veera Raghava Sharma and Siddaiah Vidavalur, Design, synthesis, and anticancer activity of novel aryl/heteroaryl chalcone derivatives. **Heterocyclic Communications**. 2016; 22(1): 1–5, DOI: 10.1515/hc-2015-0271
2. **Ananda Mohan Arasavelli**, Ganapavarapu Sharma Veera Raghava and Siddaiah Vidavalur. Design and synthesis of 4,5-diaryl/heteroarylthiophene-2-carboxylic acid derivatives and evaluation of their biological activities. **Heterocyclic Communications**. 2017; 23(1): 9–14. DOI: 10.1515/hc-2016-0131

3. **Ananda Mohan Arasavelli**, Ganapavarapu Sharma Veera Raghava and Siddaiah Vidavalur. Synthesis, characterization and biological evaluation of C5'-N-cyclopropylcarboxamido-C6-amino-C2-alkynylated purine nucleoside analogues. **Nucleosides, Nucleotides and Nucleic Acids**. 2017, VOL 36, NO 10, 637-651; DOI: 10.1080/15257770.2017.1375117
4. **Ananda Mohan Arasavelli**, Ganapavarapu Sharma Veera Raghava and Siddaiah Vidavalur. Synthesis of 3-aryl/heteroaryl-1-methyl-1*H*-indazoles and evaluation of their biological activities. **Indian Journal of Heterocyclic Chemistry**, 2018, Vol. 28, Number - 2 (Apr – Jun) 287-294.

#### **Reviewer:**

1. Reviewer, **Nucleosides, Nucleotides and Nucleic Acids** Journal, Published by Taylor and Francis Group, USA.

#### **Professional Training:**

1. Attended a two-week course work on “**Research Methodologies**” during 1<sup>st</sup>-15<sup>th</sup> May, 2014 at Jawaharlal Nehru Technological University (JNTUK), Kakinada, Andhra Pradesh, India.
2. Attended a two-week course work on “**Intellectual Property Rights and Patents**” during 16<sup>th</sup> - 30<sup>th</sup> May, 2014 at Jawaharlal Nehru Technological University (JNTUK), Kakinada, Andhra Pradesh, India.

#### **Refresher Courses Completed:**

1. Completed an “**Online Refresher Course in Chemistry for Higher Education Faculty**” with A-grade under Annual Refresher Programme in Teaching (ARPIT 2019) through SWAYAM, MHRD, Govt. of India.

#### **Faculty Development Programmes:**

1. Participated in the “**7-Day Faculty Development Programme (FDP) on Rural Community Engagement**” held from 21.1.2019-27.1.2019 organized by Mahatma Gandhi National Council of Rural Education (MGNCRE), Hyderabad, Government of India in collaboration with Dr. B. R. Ambedkar University, Srikakulam.

#### **Memberships:**

1. **Associate member** of Board of Studies (BoS) for M.Sc (Organic Chemistry) Programme, Department of Organic Chemistry, Dr. B.R. Ambedkar University-Srikakulam.
2. **Member** to monitor Field Work/ Rural Touch/ Community Development Programmes in the jurisdiction of the Dr. B.R. Ambedkar University, Srikakulam.

3. **Member** “Out-reach and Extension Activities Committee” of the Dr. B. R. Ambedkar University, Srikakulam.
4. Anti Ragging Committee Member of the Dr. B.R. Ambedkar University, Srikakulam.

**Seminars/Conferences/Workshops:**

1. Participated in the National Seminar on “Modern Trends in Organic Chemistry” (MTCE-2006) organized by department of chemistry, GITAM University, Visakhapatnam during 21<sup>st</sup> - 22<sup>nd</sup> December, 2006.
2. Presented poster in National Workshop on “Radiochemistry and Applications of Radio Isotopes” organized by IANCAS, Kalpakam, TN and Govt. Degree & P.G College (Men), Srikakulam at Govt. Degree & P.G College (Men), Srikakulam on 8<sup>th</sup> December, 2008.
3. Participated in Regional Workshop on “Practical Physical Chemistry” at Govt. Degree & P.G College (Men), Srikakulam organized by department of chemistry, Govt. Degree & P.G College (Men), Srikakulam during 8<sup>th</sup> - 9<sup>th</sup> September, 2009.
4. Participated in National Workshop on “Craft Education Enrichment of Naitalim” organized by department of Rural Development, Andhra University, Etcherla during 13<sup>th</sup> - 15<sup>th</sup> March, 2009.
5. Participated in One-Day Work Shop on “ Current Trends in Drug Development” organized by departments of Bio-Technology and Organic Chemistry of Dr. B. R. Ambedkar University-Srikakulam on 31<sup>st</sup> March, 2012.
6. Participated in Two-Day Work Shop on “Stepping into Advanced Flow Reactors” organized by Centre for Chemical Sciences and Technology, IST, JNTU Hyderabad, TS during 25<sup>th</sup> - 26<sup>th</sup> February, 2015.
7. Participated in Two-Day National Work Shop on “Technological Advances in Chemical Sciences” organized by Centre for Chemical Sciences and Technology, IST, JNTU Hyderabad, TS during 14<sup>th</sup> - 15<sup>th</sup> September, 2015.
8. **Organizing Member** of the “Third Annual International Conference and Industry” organized by Coastal Chemical Research Society (CCRS) & Dr. B.R. Ambedkar University at Dr. B. R. Ambedkar University - Srikakulam during 16<sup>th</sup> - 17<sup>th</sup> December, 2015.
9. **Presented a poster** at “International Conference and Workshop on Structure Based Drug Designing & Application to Infectious Diseases” 2016 organized by University of Hyderabad & IITH, Hyderabad during 1<sup>st</sup> - 5<sup>th</sup> February, 2016.
10. **Presented a paper** at “Two-Day National Seminar on Recent Biotechnological Approaches in Biopharmaceuticals and Health Care” organized by department of Biotechnology, Dr.B.R. Ambedkar University, Srikakulam during 16-17<sup>th</sup> March, 2016.

11. **Organizing Secretary** of “One-Day National Seminar on Recent Advances in Chemical Sciences” (RACS 2017) organized by department of Organic Chemistry at Dr. B. R. Ambedkar University- Srikakulam on 26<sup>th</sup> October, 2017.
12. **Presented a paper** and acted as **Organizing Secretary** of International Work Shop on “Water, Air, Sanitation and Hygiene” (WASH 2018) organized by departments of Biotechnology, Organic Chemistry and Social Work of Dr. B. R. Ambedkar University- Srikakulam, Andhra Pradesh, India on 27<sup>th</sup> January, 2018.
13. Participated in One-Day National Seminar on “Rural Development in India: Issues and Challenges with Special Reference to Andhra Pradesh” on 30<sup>th</sup> April, 2018 at Dr.B.R.Ambedkar University-Srikakulam.
14. **Presented a paper** and worked as **Organizing Member** of International Conference “Water, Sanitation and Hygiene” (WASH2019) organized by departments of Biotechnology, Organic Chemistry and Social Work of Dr. B. R. Ambedkar University- Srikakulam, Andhra Pradesh, India on 23-24<sup>th</sup>, February 2019.

#### References:

1. Prof. G.V.R. SHARMA, HoD, Dept of Chemistry, GITAM University, Visakhapatnam. Mobile No: **9642575394**; Email ID: [sharmagvr@yahoo.co.uk](mailto:sharmagvr@yahoo.co.uk); [gvrs276@gmail.com](mailto:gvrs276@gmail.com)
2. Dr. V. SIDDAIAH, HoD, Dept of Organic Chemistry and FDW, Andhra University, Visakhapatnam. Mobile No: **9440754164**; Email ID: [sidduchem@gmail.com](mailto:sidduchem@gmail.com)
3. Dr. UDAY BHASKAR SAJJA, Assistant Principal, College of Science, Dr. B. R. Ambedkar University – Srikakulam. Mobile No: **9652457373**; [udaybsajja@gmail.com](mailto:udaybsajja@gmail.com)
4. Prof. G. NAGESWARA RAO, Vice Chancellor, Andhra University, Visakhapatnam. Mobile No: **91-891-2844222, 2844333**; [vicechancellor@andhrauniversity.edu.in](mailto:vicechancellor@andhrauniversity.edu.in)

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