

Profile of the Faculty

- 1) Name **Dr. Vyshnavi Yelchuri**
- 2) Designation **Lecturer in Chemistry**
- 3) Present Address **Dept. of Chemistry
Govt. Degree College for Women
Srikalahasti-Chittoor (DT)
517644**
- 4) Permanent Address **D/o Lakshmi prasad
H.NO:9-49
Parchur (POST & MD)
Prakasam (DT)
PIN Code: 523169**
- 5) Date of Birth **14- 05- 1986**
- 6) Educational Qualifications

Degree	Year of Passing	University	Subject	Division	Percentage
B.Sc	2008	ACHARYA NAGARJUNA UNIVERSITY	Biotechnology Bio chemistry Chemistry	First	82.50
M.Sc.	2010	ACHARYA NAGARJUNA UNIVERSITY	Organic Chemistry	First	73.35
Ph.D.	2018	Indian Institute of Chemical Technology-HYD	Chemistry		
Others	Passed CSIR-NET in JUNE 2011				

7. Teaching Experience :

- Working as a lecturer in P.V.K.N GOVT. Degree College, Chittoor from 06-06-2018-02-10-2021.
- Working as a lecturer in GOVT. Degree College (W) Srikalahsti from 03-10-2021-till now.

8. Improvement of Professional competence: NIL

9. No. of Articles published in different Journals :

1. Yelchuri Vyshnavi, Rachapudi B.N. Prasad, Mallampalli S.L. Karuna. Metathesis of tobacco fatty acid methyl esters: Generation of industrially important platform chemicals. *Industrial Crops and Products*. 50, 2013, 701–706.
2. Yelchuri Vyshnavi, Rachapudi Badari Narayana Prasad and Mallampalli Sri Lakshmi Karuna. Synthesis of industrially important platform chemicals *via* olefin metathesis of palash fatty acid methyl esters. *European Journal of Chemistry*. 5 (3), 2014, 532-535.
3. Yelchuri Vyshnavi, R. B. N. Prasad, M. S. L. Karuna. Metathesis of Rubber Fatty Acid Methyl Esters: A Green Approach for Generating Industrial Platform Chemicals. *International Journal of Science and Research*. 3 (5), 2014, 209-212.
4. Yelchuri Vyshnavi, Rachapudi Badari Narayana Prasad and Mallampalli Sri Lakshmi Karuna. Metathesis of 9-octadecenoic acid methyl ester: diversity and mechanism of product formation at various Grubbs' catalyst concentrations. *European Journal of Chemistry*. 6 (3), 2015, 275-278.
5. Yelchuri Vyshnavi, Rachapudi Badari Narayana Prasad, Mallampalli Sri Lakshmi Karuna. Metathesis of 9, 12-Octadecenoic Acid Methyl Ester: A Potential Source for Industrially Important Platform Chemicals. *International Journal of Science and Research*. 4 (11), 2015, 1661-1665.
6. Vyshnavi Yelchuri, R.B.N. Prasad, M.S.L. Karuna. Moringa fatty acid methyl esters as a source of platform chemicals developed via metathesis route. *IOSR Journal of Applied Chemistry (IOSR-JAC)* 2016, 9 (9), 2278-5736.
7. Vyshnavi Yelchuri, R.B.N. Prasad, Mallampalli S.L. Karuna, Y. Poornachandra and Chityal Ganesh Kumar. Synthesis of Novel Fatty Substituted 4-methyl-2H-Chromen-2-one *via* Cross Metathesis: Potential Antioxidants and Chemotherapeutic Agents. *J. Oleo Sci.* 2016, 65 (12), 1023-1031.
8. T. Satyavani, Yelchuri Vyshnavi, Mallampalli Sri Lakshmi Karuna, Rachapudi Badari Narayan Prasad, P Sujitha & C Ganesh Kumar. Total synthesis of (–)-Sachalinol A and evaluation of its cytotoxicity. *Indian Journal of Chemistry*. 2017, 56 B, 695-700
9. Dr. D. Srividya and Dr. Vyshnavi Yelchuri. Cyclic Voltammetric Determination of Zopiclone in Pharmaceuticals and Blood Samples Using Glassy Carbon Electrode. *World Journal of Pharmaceutical Research*. 2020, 9 (10), 804-812.
10. Dr. Vyshnavi Yelchuri, K Srikanth, RBN Prasad, MSL Karuna. Olefin metathesis of fatty acids and vegetable oils. *Journal of Chemical Sciences*. 2019, 231(5), 1-16

10. Seminars / Conferences / Workshops attended :

- 4-Week Induction/Orientation Programme. Teaching Learning Centre, Ramanujan College University of Delhi. 20 December, 2021 –19 January, 2022.
- A Five Day UGC Sponsored Faculty development Programme in Chemistry 1-07-2020 to 05-07-2020.
- A Five Day UGC Sponsored Faculty development Programme on " Outcome based Education (OBE)-Teaching, Learning and Evaluation from 26 to 30th March 2021

- Synthesis of lactones from fatty acids *via* ring closing metathesis. Vyshnavi Yelchuri, R. B. N. Prasad and M.S. L. Karuna* Dr. Sunil Misra, V. Dilep Kumar. Poster Presented at the National PhD Poster Symposium on Challenges in Organic/Medicinal Chemistry held at Dept. of Chemistry, University College for Women (UCW), Koti, Hyderabad on Dec 2, 2016, Organized by Royal Society of Chemistry (London) Deccan Local Section India.
- Synthesis of Novel Lubricant Base Stocks with Low Pour Points from Vegetable Oils *Via* Olefin Metathesis. Vyshnavi Yelchuri, R.B.N Prasad and M.S.L. Karuna* Poster Presented at the International Conference on Nature Inspired Initiatives in Chemical Trends Organic Synthesis-2016 held at CSIR-IICT, Hyderabad on September 19, 2016, Organized by CSIR-IICT, Hyderabad.
- Synthesis of novel fatty substituted 4-methyl-2H-chromen-2-one via cross metathesis: Potential antioxidants and chemotherapeutic agents. Vyshnavi Yelchuri, R.B.N Prasad and M.S.L. Karuna* Poster Presented at the National Poster Symposium on Advances in Chemical Sciences held at TIFER Centre for Interdisciplinary Sciences, Hyderabad on Dec 12, 2015, Organized by Royal Society of Chemistry (London) Deccan Local Section India.
- Cross-metathesis of fatty acid methyl esters. Vyshnavi Yelchuri, R.B.N Prasad and M.S.L. Karuna* Poster Presented at the Andhra Pradesh Akademi of Sciences Golden Jubilee Science Congress-2014, 13-15th November, 2014 at Hyderabad, India.
- Synthesis of fatty acid-based industrially important platform chemicals via olefin metathesis. Vyshnavi Yelchuri, R.B.N Prasad and M.S.L. Karuna* Poster Presented at the OLEO 2013 international conference Emerging Trends In Oleo Chemicals & Lipids Expo organized by OTAI, AOCS & CSIR-IICT Hyderabad Aug 8-10, 2013.
- Homogenous Metathesis of Rubber and Sal Fatty Acids. Vyshnavi Yelchuri, R.B.N Prasad and M.S.L. Karuna* Poster Presented at the national conference on Royal society of chemistry organized by CSIR-IICT, Hyderabad 2013.

11. No. of Books published : NIL

12. Papers Presented in Conference :06

13. No. of dissertations supervised : NIL

14 . MANA TV : NIL

15 . Talks in All India Radio : NIL

16 . Awards / Rewards received :

BEST TEACHER AWARD 2021 CHITTOR DISTRICT FRUIT PROCESSOR FEDERATION.

BEST POSTER AWARD IN 2013 OLEO

17. Training Programmes attended :1

Two Week Induction Training Programme by APHRDI. 2018, Aug 13-26

**18) Linkages/collaborations for Teaching, Research or both with Universities/
Institutions : NIL**

19) Consultancy services provided by the Faculty members of the Dept. of P.G.

Industries NIL

20) Extension work : NIL

21) Any other information : Editorial member in Journal of food stability.

