

Curriculum –Vitae

Dr. N. MAHABOOB BASHA

Assistant Professor (C)
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Education:

Ph. D.	:	2010 – 2014; <i>Organic Chemistry</i> <i>Supervisor: Prof. V. PADMAVATHI</i> Sri Venkateswara University, Tirupati, India
M.Sc.	:	2007 – 2009; <i>Organic Chemistry</i> Sri Venkateswara University, Tirupati, India
B.Ed.	:	2006 – 2007; <i>Biological Sciences</i> Sri Venkateswara University, Tirupati, India
B.Sc.	:	2002 – 2005; <i>Chemistry, Botany and Zoology</i> Sri Krishnadevaraya University, Anantapur, India
Research Topic	:	<i>“A Study on the synthesis and bioassay of heterocyclic compounds”</i>
APTET	:	Qualified.
APSET	:	Qualified.

Awards and Affiliations:

- **Assistant Professor** – School of Engineering and Technology, Sri Padmavati Mahila Visva Vidyalayam, Tirupati, (Women's University) (2017 – till to date).
- **Academic Consultant** – Dept. of Organic Chemistry, Sri Padmavati Mahila Visva Vidyalayam, Tirupati, (Women's University) 2015 – 2017).
- **Junior Research Fellow** – Basic Scientific Research (UGC-BSR) Govt. of India, New Delhi (2012-2014).
- **Senior Research Fellow**, Basic Scientific Research (UGC-BSR) Govt. of India, New Delhi (2014).
- **Best oral presentation** in National Seminar on “Recent Trends in Organic Chemistry” (NSRTOC) S.V. Arts college, TTD, Tirupati.

Highlights:

- Two years teaching experience in the Dept. of Organic Chemistry, SPMVV, Tirupati
- Five years teaching experience in the School of Engineering and Technology, Sri Padmavati Mahila Visva Vidyalayam, Tirupati, (Women's University) (2017 – till to date).
- Over Twelve years of research experience in synthetic organic and medicinal chemistry
- Experienced in designing and executing multi step synthesis of various bio-active molecules
- Expertise in chromatographic purification, spectral characterization, process research and scale-up operations
- Working knowledge of most of the chemical databases and basics in computers

List of Publications

1. Synthesis and antioxidant activities of acetamidomethylsulfonyl bis heterocycles- oxazolyl / thiazolyl / imidazolyl-1,3,4-oxadiazoles
N. Mahaboob Basha, G. Lavanya, A. Padmaja and V. Padmavathi*
Arch. Pharm. Chem. Life Sci., **346**, 511–520 (2013). <https://doi.org/10.1002/ardp.201300115>
2. Synthesis and antioxidant activity of bis- and tris- heterocycles
N. Mahaboob Basha, D. Seenaiiah, A. Padmaja, V. Padmavathi,* D.Suresh Bhargav and T. Vijaya,
Arch. Pharm. Chem. Life Sci., **347**, 54–67 (2014). <https://doi.org/10.1002/ardp.201300290>
3. Heterocyclization reactions of ketene dithiolates
B.C. Venkatesh, **N. Mahaboob Basha**, A. Padmaja and V. Padmavathi*
Indian. J. Chem., **52B**, 665–670 (2013).
4. Synthesis of amino derivatives of 3-(4-phenyl-1,2,3-triazolyl)benzamine
M. Swapna, **N. Mahaboob Basha**, A. Padmaja and V. Padmavathi*
Indian J. Chem., **53B**, 1178–1184 (2015).
5. Synthesis and antioxidant activity of bis- oxazolyl / thiazolyl / imidazolyl 1,3,4-oxadiazoles and 1,3,4-thiadiazoles
N. Mahaboob Basha, P. Ramachandra Reddy, A. Padmaja and V. Padmavathi*
J. Heterocyclic. Chem., **53**, 1276-1283 (2016). <https://doi.org/10.1002/jhet.2436>
6. Synthesis, Antimicrobial Assay and SARs of Pyrazole Included Heterocyclic Derivatives
N. Mahaboob Basha, B.C. Venkatesh, Guda Mallikarjuna Reddy, Grigory V. Zyryanov, Munagapati Venkata Subbaiah, Jet-Chau Wen & Anjani R.K.Gollakota
Polycyclic Aromatic Compounds., <https://doi.org/10.1080/10406638.2021.2014537>
7. Synthesis of pyrazole tethered oxadiazole and their analogs as potent antioxidant agents
Guda Mallikarjuna Reddy,^{a*} Grigory V. Zyryanov,^{a,b} **N. Mahaboob Basha**^c, Venkata Subbaiah Munagapati,^d Jet-Chau Wen^{d,e}, Anjani R.K. Gollakota,^e Chin-Min Shu,^e B. C. Venkatesh^f
J. Heterocyclic. Chem., <https://doi.org/10.1002/jhet.4523>
8. Comprehensive Review on Natural Pharmacophore Tethered 1,2,3-Triazoles as Active Pharmaceuticals
A. Rammohan, B.C. Venkatesh, **N. Mahaboob Basha**, Grigory V. Zyryanov, M. Nageswararao
Chemical Biology & Drug Design <https://doi.org/10.1111/cbdd.14148>

Personal Data:

Date of Birth : 15th June, 1984
Nationality : Indian-Islam-Muslim
Sex : Male
Marital Status : Married
Languages Known : English, Telugu and Hindi
Permanent Address : **Dr. N. Mahaboob Basha**
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Declaration:

I hereby declare that foregoing information is correct and complete to the best of my knowledge and belief.

Yours sincerely,

N. Mahaboob Basha

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