

## Bio-Data



1. **Name:** Dr. N. Vasudeva Reddy
2. **Date of birth:** 22-01-1969
3. **Nationality:** Indian
4. **Educational qualification:** M.Sc., Ph.D. (Organic Chemistry)  
CSIR-NET (1996)
5. **Designation:** Professor in Chemistry
6. **Address for correspondence:** Department of Chemistry  
Kakatiya University  
Hanmakonda (Warangal) -506009
7. **Contact details:** Prof. N. Vasudeva Reddy  
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8. **Teaching experience:** 17 yrs
9. **Details of employment:**

Designation	Date of Appointment
Assistant Professor	21-06-2005
Associate Professor	21-07-2017
Professor	21-07-2020
10. **Research details**
  - i. Experience: 17 years
  - ii. Research interests: Organic synthesis
  - iii. No. of PhD's awarded: 03
  - iv. No. of papers published: 61

v. Papers presented in seminars:	37
vi. Research Projects:	01

- Total Synthesis of Dibenzo-a-pyrone Derived Bioactive Natural Products Rhizopycnolide A, and B and Their Analogues- **DST-SERB-EMR-44.14 LAKHS (2017-2020)**

**11. Awards:** **Fellow, Telangana Academy of Sciences-2020**

**12. Current Position:** Chairperson, BOS, Department of Chemistry

**13. Faculty Development programs and Work Shops:**

- i. A One- Week Faculty Development Workshop on “Teaching and Learning Nano-Science and Technology through Hands-on Experience” at NIT, Warangal during 23<sup>rd</sup> -27<sup>th</sup> of June 2017.
- ii. National workshop on “Molecular Docking Studies in Drug Discovery” at Department of Zoology, Kakatiya University, Warangal during 29<sup>th</sup> -31<sup>st</sup> May, 2019.
- iii. UGC-HRDC sponsored One- Week online short term course on “Challenges in Discovery of Antiviral Agents and Vaccines” conducted by JNTU, Hyderabad during 8-6-2020 to 13-6-2020.
- iv. FDP on MOODLE Learning Management system IIT, Bombay and MG University 16-21<sup>st</sup> August, 2020.

**14. Popular Lectures by Faculty:**

- (i) Special Webinar Lecture series in Chemistry conducted by Department of Chemistry Osmania University on 27<sup>th</sup> Aug 2020
- (ii)** Lecture on IR and UV-Visible Spectroscopy, Refresher Course in Chemical Sciences at Academic Staff College, UGC-HRDC, Osmania University on 27<sup>th</sup> January, 2022.

## List of Publications

(In descending chronological order; \*International Journals)

1. \* One-pot synthesis of sulfonyl-1H-1,2,3-triazolyl-thiomorpholine 1,1-dioxide derivatives and evaluation of their biological activity. "Rakesh Sreerama, Narasimha Swamy T, Ravinder M, **Vasudeva Reddy N**, Sirassu Narsimha, *Phosphorus, Sulfur, and Silicon*, **2021**, 196(5),455-460. (Impact factor: **1.082**).
2. \* Synthesis and Biological Evaluation of Novel Fused[1,2,3]Triazolo[4',5':3,4]pyrrolo[2,1-f]purines as Potent Anti-Proliferative Agents. "E. Ramya Sucharitha, N. Satheesh Kumar, M. Ravinder, **N. Vasudeva Reddy**, Sirassu Narsimha, *Russ. J. Bioorg. Chem.* **2021**, 47, 896–905. (Impact factor: **0.796**).
3. Microwave-assisted One-pot Synthesis of [1,2,3]Triazolo[4',5':4,5] Pyrano[2,3-d]pyrimidines and their Biological Evaluation. "Egurapu Venkatesh, Sirassu Narsimha, **Nagavelli Vasudeva Reddy**. *Indian. J. Hetero. Chem.* **2021**, 31(1), 125-130. (Impact factor: **0.339**).
4. \* One Pot Synthesis and Antitumor Activity of Isoxazole-Pyrimido[4,5-c]isoquinolines. "E. Venkatesh, S. Narsimha, N. S. Kumar, **N. V. Reddy**. *Russ. J. Gen. Chem.* **2020**, 90, 2444–2450. (Impact factor: **0.868**).
5. \* One-pot synthesis and biological evaluation of novel 4-[3-fluoro-4-(morpholin-4-yl)]phenyl-1H-1,2,3-triazole derivatives as potent antibacterial and anticancer agents." Sirassu Narsimha, Satheesh Kumar Nukala, Savitha Jyostna T, Ravinder M, Srinivasa Rao M, **Vasudeva Reddy N**, *J. Hetero. Chem.* **2020**, 57(4), 1655. (Impact factor: **2.193**).
6. \* Design, synthesis and biological evaluation of novel 1,2,3-Triazole based Xanthine derivatives as DPP-4 inhibitors. Sirassu Narsimha, Kumara Swamy Battula, M Ravinder, Y N Reddy, and **Vasudeva Reddy Nagavelli**, *J. Chem. Sciences.* **2020**, 132, 59. (Impact factor: **1.573**).
7. Environmentally Benign Synthesis of (1-Aryl-1H-1,2,3-triazol-4-yl)methyl 6-fluoro-4-oxo-4H-chromene-2-carboxylate Derivatives as Potent Anticancer Agents. Sirassu Narsimha, **N. Vasudeva Reddy**, *Indian. J. Hetero. Chem.* **2019**, 29(4), 403. (Impact factor: **0.339**).
8. \* Design, Synthesis and in vitro Anticancer Evaluation of New 2H-benzo[b][1,4]thiazin-3(4H)-one Based 1,2,3-Triazoles. O Rajender, Sirassu Narsimha, **Vasudeva Reddy N**. *Asian J. Chem.* **2019**, 31(11), 2647. (Impact factor: **0.31**)

9. Synthesis, antiproliferative and antibacterial activity of novel Phenothiazine-[1, 2, 3] triazole hybrids. Sirassu Narsimha, Y N Reddy, **Vasudeva Reddy N.** *Asian J Pharm Pharmacol.* **2019**, 5(6), 1172. (Impact factor: 0.0)
10. \* Microwave-assisted Cu-catalyzed C-C bond formation: one-pot synthesis of fully substituted 1,2,3-triazoles using nonsymmetrical iodoalkynes and their biological evaluation. Sirassu Narsimha, Kumara Swamy B, Yellu Narsimha R and **Vasudeva Reddy N.** *Chem. Heterocycl. Compd*, **2018**, 54(12), 1161. (Impact factor: 1.277)
11. \* One-pot synthesis of novel 1,2,3-triazole-pyrimido[4,5-c] isoquinoline hybrids and evaluation of their antioxidant activity. Sirassu Narsimha, Kumara Swamy B, and **Vasudeva Reddy N.** *Synth Commun*, **2018**, 42, 1220. (Impact factor: 2.007)
12. \* Synthesis and Biological Evaluation of (N-(3-methoxyphenyl)-4-((aryl-1H-1,2,3-triazol-4-yl)methyl) thiomorpholine-2-carboxamide 1,1-Dioxide Hybrids as Antiproliferative Agents. Kumara Swamy B, Sirassu Narsimha, Ranjith Kumar T, Y Narsimha Reddy, and **Vasudeva Reddy N.** *ChemistrySelect*, **2017**, 2(29), 9595. (Impact factor: 2.109).
13. Microwave-assisted one-pot synthesis of benzo[d] thiazole containing 1,2,3-triazoles by using organo catalytic reaction and their antibacterial activity. Sirassu Narsimha, Kumara Swamy B and **Vasudeva Reddy N.** *Hetero Lett*, **2017**, 7(4), 1139.
14. \* Synthesis and biological evaluation of novel thiomorpholine 1,1-dioxide derived 1,2,3-triazole hybrids as potential anticancer agents. Kumara Swamy Battula, Sirassu Narsimha, Ranjith Kumar Thatipamula, Yellu Narsimha Reddy and **Vasudeva Reddy Nagavelli.** *ChemistrySelect*, **2017**, 2, 4001. (Impact factor: 2.109).
15. \* Design, synthesis and biological evaluation of novel substituted imidazo [2,1-a] isoindolium derivatives as antibacterial agents. Sirassu Narsimha, Kumara Swamy Battula, **Nagavelli Vasudeva Reddy.** *Synth Commun*, **2017**, 47, 928. (Impact factor: 2.007)
16. \* Synthesis and biological evaluation of (3-aryl-1,2-oxazol-5-yl)methyl 6-fluoro-4-oxo-4H-chromene-2-carboxylates as antioxidant and antimicrobial agents. Kumara swamy Battula, Sirassu Narsimha, **Vasudeva Reddy Nagavelli** and Mutheneni Srinivasa Rao. *J Serb Chem Soci*, **2017**, 82, 1. (Impact factor: 1.240)
17. \* Synthesis, anticancer and antibacterial evaluation of novel (isopropylidene) Uridine-[1,2,3]triazole hybrids, Ranjith kumar Thatipamula, Sirassu Narsimha, Battula Kumaraswamy, V. Rajendra Chary, Estari Mamidala and **Nagavelli Vasudeva Reddy,** *J Saudi Chem Soc*, **2017**, 21, 795. (Impact factor: 3.932)

## National and International Seminars/Conferences attended

1. International Virtual Conference on Modern Instrumental and Characterization Techniques in Applied Sciences Uttarakhand Science Education and Research Centre (U-SERC) 5-6th July 2020
2. National Seminar on Nature Inspired Initiatives in Chemical Sciences (NIICS-2019) at Department of Chemistry, Bhiknur, Telangana University on 4<sup>th</sup>-5<sup>th</sup> November 2019.
3. International conference on Advances in Chemical Sciences and Technologies (ACST-2019) at NIT, Warangal on 23<sup>rd</sup>-25<sup>th</sup> September, 2019.
4. National conference on Recent Advances in Materials Science for Sustainable Development at VFSTR (Vignana University) Guntur on 31<sup>st</sup> August-1<sup>st</sup> September, 2019.
5. International conference on Advances in Catalysis: Industrial Outlook (ACID-2019) at CSIR-IICT, Hyderabad on 1<sup>st</sup> -2<sup>nd</sup> August, 2019.
6. National Seminar on Advances in Chemical Research at Department of Chemistry, Kakatiya University, on 29<sup>th</sup> -30<sup>th</sup> March, 2019.
7. National Seminar on Current Issues and Challenges in Chemical Research at University Arts and Science College, Kakatiya University, on 18<sup>th</sup> -19<sup>th</sup> March, 2019.
8. International conference on Pure and Applied Chemistry at KL University, Guntur on 8<sup>th</sup> - 9<sup>th</sup> March 2019.
9. **Telangana State Science Congress** at NIT Warangal, on 22<sup>nd</sup> -24<sup>th</sup> , December, 2018.
10. International conference on Emerging Trends in Spectroscopic Techniques and Their Applications at Department of Chemistry, University College for Women , Osmania University, Hyderabad, on 3<sup>rd</sup> -4<sup>th</sup> December, 2018.
11. One-Day International Symposium on Recent Trends in Chemical Biology conducted by RDCC, Osmania University, Hyderabad on 28<sup>th</sup> November, 2018.

12. International conference on Chemistry For Sustainable Future, at Department of Integrated Chemistry, Palamur University, Mahabubnagar on 7<sup>th</sup> and 9<sup>th</sup> August, 2018.
13. National Seminar on **Recent Challenges in Chemical Research** at Department of Chemistry, Kakatiya University, Warangal on 6<sup>th</sup> and 7<sup>th</sup> April, 2018.
14. International conference on **INNOVATIONS IN COMMERCE AND SCIENCE** (ICICS-2017) at NIZAM College, Hyderabad on 29<sup>th</sup> and 30<sup>th</sup> November, 2017.
15. **21<sup>st</sup> CRSI National Symposium in Chemistry** at CSIR-IICT, Hyderabad on July 14- 16, 2017.
16. National conference on **Recent Developments In Chemical Sciences and Allied Technologies** organized by Department of Chemistry, NIT, Warangal during 29<sup>th</sup> -30<sup>th</sup> of June, 2017.
17. National Seminar on **Recent Trends and Challenges in Chemical Sciences** (RTCCS-2017) at Department of Chemistry, Kakatiya University, Warangal during 24<sup>th</sup> -25<sup>th</sup> of March 2017.
18. **Green Chemistry for Sustainable Development Issues, Challenges and Prospects** at Loyola Academy Degree & PG College, Hyderabad on 20- 21 January 2017.
19. **104<sup>th</sup> Indian Science Congress** at SV University, Tirupati on 3-7, January 2017.