

**CURRICULUM VITAE**

Name : **Dr. S. Mahammad Sadik**  
Contact number : +91 8328036945  
Email ID : [mahammadsadik@gmail.com](mailto:mahammadsadik@gmail.com)

**ACDAMEDIC PROFILE**

<b>Degree</b>	<b>Year</b>	<b>Division</b>	<b>University</b>	<b>Specialization</b>
<b>Ph.D. Full time</b>	2021	-	S.V. University, Tirupati	Organic Chemistry
<b>M.Sc.</b>	2010	First	S.V. University, Tirupati	Organic Chemistry
<b>B.Ed.</b>	2013	First	Y.V. University, Kadapa	Biological Science & English
<b>B.Sc.</b>	2007	First	S.V. University, Tirupati	Biotechnology, Botany, Chemistry
<b>APSET</b>	2015	Qualified	-	-

**TEACHING EXPERIENCE (10 Years)****Research experience 5 years**

**Working as Associate Professor in KSRM** from 01-08-2024 to till

**Worked as Associate Professor in CBIT** from September 2022- till

**Worked as Assistant Professor in Mohan babu University (MBU)** from June 2022-  
September 2023

**Worked as Assistant Professor in SVCE** from 2021-May, 2022

Worked as a lecturer in Sri Sai Chaitanya Junior college from June, 2010- October, 2015

**ACHIEVEMENTS**

Qualified APSET State Eligibility Test for Telangana and Andhra Pradesh States for Assistant Professor/Lectureship (SET-TS & AP-2014)

**HONORS & AWARDS:**

UGC-BSR-RFSMS, New Delhi, India. (2015-2020)

Junior research fellowship (2015-2017) and senior research fellowship (2017-2020) from UGC New Delhi, India, a funding agency of the Government of India.

**RESEARCH PROFILE**

**Citations (92)**

**ISC publications 10**

## Scopus index Publications 14

### Papers published

1. Palladium acetate catalysed one pot green synthesis of bis  $\alpha$  aminophosphonates. **Shaik Mohammad Sadik**, Sarva Santhisudha, Gundluru Mohan, Nadiveedhi Maheshwara Reddy, Poola Sree Lakshmi, Allagadda Rajasekhar, Chippada Appa Rao, Cirandur Suresh Reddy. **Research on Chemical Intermediates** 2019, **45: 3, 1401–1420.**
2. Green synthesis of diethyl((2-iodo-4- (trifluoromethyl)phenyl)amino) (aryl)methyl)phosphonates as potent  $\alpha$ -glucosidase inhibitors. **Mahammad Sadik Shaik**, Maheshwara Reddy Nadiveedhi, Mohan Gundluru, Sreelakshmi Poola, Rajasekhar Allagadda, Appa Rao Chippada & Suresh Reddy Cirandur. **Synthetic Communications**, 2020, **50: 4, 587–601.**
3. 2-Amino-3-cyano-4H-chromene-4-ylphosphonates as Potential Antiviral Agents: Synthesis, In ovo and In silico Approach. **Mahammad Sadik Shaik**, Maheshwara Reddy Nadiveedhi, Mohan Gundluru, Ananda Kumar Reddy Narreddy, Krishna Reddy Thathireddy, Ranjani Ramakrishna, Suresh Reddy Cirandur. **J Heterocyclic Chem.** 2021, **58: 1, 137–152.**
4. Efficient Catalyst Free Green Synthesis and In vitro Antimicrobial, Antioxidant and Molecular Docking Studies of  $\alpha$ -Substituted aromatic/heteroaromatic aminomethylene bisphosphonates. **Mahammad Sadik Shaik**, Maheshwara Reddy Nadiveedhi, Mohan Gundluru, Umamahesh Katike, Vijaya Sarathi Reddy Obulam, Suresh Reddy Cirandur. **Synthetic Communications**, 2021, **51: 5, 747–764.**
5. Green Synthesis of Phosphoramidates and Evaluation of Their  $\alpha$ -Amylase Activity by In silico and In vitro studies. **Mahammad Sadik Shaik**, Maheshwara Reddy Nadiveedhi, Mohan Gundluru, Rajasekhar Allagadda, Appa Rao Chippada & Suresh Reddy Cirandur. **Synthetic Communications**, 2021, **51: 8, 1218–1231.**
6. Metal-free multicomponent synthesis and in vitro antioxidant activity of indolylpyrazolopyrimidines. Maheshwara Reddy Nadiveedhi, **Mahammad Sadik Shaik**, Suresh Kumar Krishnammagari, Suresh Reddy Cirandur. **J Heterocyclic Chem.** 2021; **58: 7, 1472–1483.**
7. One-pot green synthesis and cytotoxicity of new  $\alpha$ -aminophosphonates. Kandula Madhu Kumar Reddy, **Shaik Mohammad Sadik**, Nagaripati Saichaitanya, Kotha Peddanna, Nemallapudi Bakthavatchala Reddy, Gundala Sravya, Zyryanov Grigory, Cirandur Suresh Reddy. **Res Chem Intermed**, 2017, **43: 12, 7087–7103.**
8. Microwave assisted synthesis and Anti-microbial activity of new Diethyl((dialkoxyphosphoryl)(2hydroxyphenyl)methyl)phosphoramidates. Kandula Madhu Kumar Reddy, **Shaik Mohammad Sadik**, Kotha Peddanna, Nemallapudi Bakthavatchala Reddy, Gundala Sravya, Zyryanov Grigory V, Cirandur Suresh Reddy. **Phosphorus, Sulfur, and Silicon and the Related Elements**, 2018, **193:5, 329-334.**
9. Nano CuO–Ag-catalyzed synthesis of some novel pyrano[2,3-d] pyrimidine derivatives and evaluation of their bioactivity. Sreelakshmi Poola, **Mahammad S.**

- Shaik**, Murali Sudileti, Subbarao Yakkate, Vedasree Nalluri, Apparao Chippada, Suresh R. Cirandur. **J Chin Chem Soc.** **2020**, **67:5**, 805-820.
10. Nano Sb<sub>2</sub>O<sub>3</sub> catalyzed green synthesis, cytotoxic activity, and molecular docking study of novel  $\alpha$ -aminophosphonates. Sreelakshmi Poola, Maheshwara Reddy Nadiveedhi, Santhisudha Sarva, Mohan Gundluru, Saichaithanya Nagaripati, **Mahammad Sadik Shaik**, Peddanna Kotha, Nagaraju Chamarthi, Suresh Reddy Cirandur. **Medicinal Chemistry Research**, **2019**, **28:4**, 528-544.
  11. Green Synthesis of Phosphoramidates and Evaluation of Their antidiabetic Activity by In silico and In vitro studies. **Mahammad Sadik Shaik**, P. Shaikshavali. a 5<sup>th</sup> National conference on **Resent Advancements in Applied and Humanities RAASH-2022, 2022, ISBN 978-81956102-0-4**.
  12. A Novel Electrochemical Sensor Based on Multi Walled Carbon Nano Tubes/Poly (Evans Blue) Composite for the Determination of Dopamine in Presence of 5-HT and FA. P. Shaikshavali, S. Karimunnisa Begum and **Shaik Mahammad Sadik**. **Tuijin Jishu/Journal of Propulsion Technology** ISSN: 1001-4055 Vol. 44 No. 3 (2023). DOI: <https://doi.org/10.52783/tjjpt.v44.i3.652>.
  13. **Construction and characterization of a carbon based nanocomposite electrochemical sensor for determination of Gallic acid in food and soft drinks.** P. Shaikshavali<sup>1</sup>, S. Karimunnisa Begum, **Shaik Mahammad Sadik**. *Journal of Current Science & Humanities*.12 (3), 2024, 480-494.

### Conferences/ Workshops/ Seminars

1. **S. Mahammad Sadik**, presented a poster in **International Conference on Materials Chemistry for Energy and Environmental Applications –(CEEAA-2023)** held during 7-9 August, 2023 at Madanapalli Institute of Technology and Science, Madanapalli, India.
2. **S. Mahammad sadik**, presented a paper in a 5<sup>th</sup> National conference on **Resent Advancements in Applied and Humanities RAASH-2022** held on 29<sup>th</sup> October 2022 at Santhiram Engineering College, Nandyal, India.
3. **S. Mahammad Sadik**, presented a poster in **1<sup>st</sup> International Conference on Recent Advances in Chemical, Pharmaceutical and Biological Sciences (RACPABS-2020)** held during 5-7 March, 2020 at Acharya Nagarjuna University, Guntur, India.
4. **S. Mahammad Sadik**, presented a poster (Poster no-82) in **XV J-NOST (National Organic Symposium Trust)** held during 18-21 October, 2019 at University of Delhi, Delhi, India.
5. **S. Mahammad sadik**, attended the full agenda of the second **ACS-CRSI** meeting on July 18, 2019 in Kanpur, India.
6. **S. Mahammad Sadik**, presented a poster in **ANDHRA PRADESH SCIENCE CONGRESS 2018** held during January 9-11 November, 2018 at Yogi Vemana University, Kadapa, India.
7. **S. Mahammad Sadik**, participated in **AWSAR (Augmenting Writing Skills for Articulating Research)** workshop on popular science writing held on 18<sup>th</sup> September 2018 at Anna University, Chennai, India.
8. **S. Mahammad Sadik**, presented a poster in **“CURRENT TRENDS IN CHEMICAL AND PHARMACEUTICAL SCIENCES”** a national conference on

CTCPS-2017 held on 1<sup>st</sup> December, 2017 at Sri Venkateswara University, Tirupati, India.

9. **S. Mahammad Sadik**, participated in **104<sup>th</sup> INDIAN SCIENCE CONGRESS** held during January 3-7, 2017 at Sri Venkateswara University, Tirupati, India.
10. **S. Mahammad Sadik**, worked as volunteer in **104<sup>th</sup> INDIAN SCIENCE CONGRESS** held during January 3-7, 2017 at Sri Venkateswara University, Tirupati, India.
11. **S. Mahammad Sadik**, presented a paper in **104<sup>th</sup> INDIAN SCIENCE CONGRESS** held during January 3-7, 2017 at Sri Venkateswara University, Tirupati, India.
12. **S. Mahammad Sadik**, completed NSDC Training Programme in **QUALITY CONTROL CHEMIST (QP NO-LFS/Q1301)** from 01-Sep-2016 to 30-Nov-2016 at Gayathri Skills Development, Tirupati. India.
13. **S. Mahammad Sadik**, presented a poster in a national conference on **“EMERGING TRENDS IN PHARMACEUTICAL AND CHEMICAL SCIENCES” (ETPCS-2016)** held during 28-29 March-2016 at Sri Venkateswara University, Tirupati, Andhra Pradesh, India.
14. **S. Mahammad Sadik**, presented a paper in 1<sup>st</sup> International conference on **ICAET 2024** held during 19-20 the February-2024 at Chaitanya Bharathi Institute of Technology, Andhra Pradesh, India.
15. **S. Mahammad Sadik**, presented a in the 5<sup>th</sup> Mega International Conference on **“Continuity, Consistency and Innovation in Applied Sciences and Humanities” (ICCIASH-2024)** held during 19-20 June-2024 at St. MARTINS Engineering college, Secunderabad, Telangana, India.