



Dr. Sivanadh Musunuri

Designation : Vice Principal, COE & Associate Professor in Chemistry (PG)

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Contact at : Department Of Chemistry, ANR College, Gudivada, Krishna Dt., A.P.,521301

Education

Ph. D (Organic Chemistry)

2013, *Andhra University*, Visakhapatnam

M.Sc., (Organic Chemistry)

2001, *Andhra University*, Visakhapatnam

B.Sc., (MPC)

1999, *Acharya Nagarjuna University*, Guntur

Experience

Designation	Period of Service		Institution/University	Classes Taught
	From	To		
Associate Professor	25-07-17	Till date	A.N.R. College, Gudivada	M.Sc.
Lecturer	01-09-09	23-07-2017	A.N.R. College, Gudivada	M.Sc.
Lecturer	18-08-05	31-08-2007	GITAM University, Vizag	M.Sc.,
Lecturer	01-04-02	31-07-2005	A.N.R.College, Gudivada	M.Sc.,
Chemist	30-06-01	20-06-2002	S.M.S. Pharma Company, Hyd	Not Applicable

Research Interests

Broad Area of Research:

Synthesis and Isolation of Biologically active molecules to explore their efficacy as drugs.

Honors and Awards

- ❖ Received Best Utilization of Library Services Award in 2014, ANR College.
- ❖ Elected as Associate fellow for AP Academy of Sciences , Amaravathi.
- ❖ Felicitated by LIONS Club of India, Gudivada, on Teachers Day-2022 .

Courses Taught

- General Chemistry
- Organic Chemistry
- Organic Spectroscopy
- Molecular Spectroscopy
- Symmetry and Group Theory

Research Profile

Publications

1. "Convenient and improved One Pot Synthesis of Imidazole" (International Journal)
M.Sivanadh, Mandava V. Basaveswara Rao, K.Nageswara Rao, V.Prasanthi Asian Journal of Chemistry, Vol. 19, No.7, 2007, 5778-5780.

2. "Spectrophotometric Studies of Abacavir : A Potential Anti HIV agent." **M.Sivanadh**, Mandava V. Basaveswara Rao, V. Prasanthi International Journal of Chemical Sciences, 2007, 5(1), 380-384.
3. "Bioallergens in the Air of Selected Areas in Vijayawada". **M.Sivanadh**, Mandava V. Basaveswara Rao, E. Srinivasa Reddy, V. Prasanthi, Rasayan Journal of Chemistry, 2008, Vol 1, No.3, 515-520. SCOPUS Indexed science 2008 & UGC Approved,
4. "New Spectrophotometric Estimation of Cefepime." **M.Sivanadh** B. Durvasa Rao ACTA Ciencia Indica Vol. XXXII C.N0.3,197 (2006).
5. "New Spectrophotometric Estimation of Irinotecan" **M.Sivanadh** B. Durvasa Rao ACTA Ciencia Indica Vol. XXXIV C.N0.1,09 (2008).
6. "Development of new Reverse phase -HPLC method for analysis and assay of Zopiclone in Formulation" **M. Sivanadh**, M V. Basaveswara Rao, AVD. Nagendrakumar, PV. Bramhachari, Varaprasad Bobbarala, Journal of Pharmacy Research 2011,4(1),248-249 Approved by UGC
7. "Validated Rp-Hplc Method For The Estimation Of Telmisartan In Tablet Formulation " M.V. Basaveswara Rao, A.V.D. Nagendrakumar, **M. Sivanadh** and G. Venkata Rao Bulletin of Pharmaceutical Research 2012;2(2):50-5 ISSN: 2249-6041 (Print); ISSN: 2249-9245 (Online)
8. "Validated Rp - Hplc Method For The Estimation Of Lorazepam In Pharmaceutical Formulation "V.Sreeram, M. V. Basaveswara Rao, A.V.D. Nagendrakumar, **M.Sivanadh**, K. Subhasani JPSI 1 (6), Nov –Dec 2012, 5-8 Journal of Pharmaceutical and Scientific Innovation **DOI Prefix:10.7897/2277-4572 ISSN (Online) : 2277 –4572**
9. "Development And Validation Of Dissolution Test For Cyclobenzaprine Hydrochloride Pellets" Mandava V Basaveswara Rao*, BCK Reddy, T Srinivasa Rao, **M Sivanadh** Research Journal of Pharmaceutical, Biological and Chemical Sciences ISSN: 0975-8585 July – September 2010 RJPBCS Volume 1 Issue 3 Page No. 315 Thomson Reuters "Web of Science".
10. "Aza – Michael reaction promoted by aqueous sodium periodate solution" **M. Sivanadh**, K. Subhashini, GSN Sastry, International journal of Advanced research in chemical science page no 95-96 2014 2349/039X
11. "Synthesis of Novel Quinoline Derivatives Journal of Applicable Chemistry " D. Rambabu, S. Kiran kumar, ASG. Prasad, **M.Sivanadh**, M.V. B. Rao ISSN: 2278-1862 2012, 1 (1): 151-154 (UGC) University Grants Commission Listed Journal .
12. "Development of Knowledge based Therapy for Cancer Identification of Unique Targets" Mandava V. Basaveswara Rao*, **M.Sivanadh** and G. Ramachandraiah Vol.2, No.2 (2009), 521-524 ISSN: 0974-1496 CODEN: RJCABP SCOPUS Indexed science 2008 & UGC Approved.
13. "Newer Rp-Hplc Method For The Determination Of Doxazosin In Human Plasma And Formulation" M.V. Basaveswara Rao*, V. Prasanthi, **M. Sivanadh** and G. Venkata Rao Bulletin of Pharmaceutical Research 2012;2(1):1-4 ISSN: 2249-6041 (Print); ISSN: 2249-9245 (Online).
14. "New Validated RP-HPLC Method for the Estimation of Cefaclor in Pharmaceutical Formulation" **Sivanadh, M.** V. Prasanthi, K. Subhashini and M. V. Basaveswara Rao Der Pharmacia Letetr 2016, 8 (3):318-324 (<http://scholarsresearchlibrary.com/archive.html>) **Abstracted/ Indexed in Scopus.**
15. "New validated RP-HPLC method for the estimation of Repaglinide in Pharmaceutical Formulation" **M. Sivanadh**, V. Prasanthi, K. Subhashini and M. V. Basaveswara Rao, Der Pharmacia Lettre, 2016, 8 (2):380-386 (<http://scholarsresearchlibrary.com/archive.html>) **Abstracted/ Indexed in Scopus.**
16. "New validated RP-HPLC method for the estimation of Dobutamine in pharmaceutical formulation" M. Sivanadh Der Pharmacia Chemica, 2016, 8 (13):27-34 (<http://derpharmavhemica.com/aarchive.html>) **Abstracted/ Indexed in Scopus.**
17. "New validated RP-HPLC method for the estimation of Sumatriptan Succinate in pharmaceutical formulation" **M. Sivanadh** International Journal of Development Research, 2017, Vol N0 7 Issue 7 ISSN No 2230-9926.
18. "New validated RP-HPLC method for the estimation of Ertapenem in pharmaceutical formulation" **M. Sivanadh** Journal of Science and Technology, 2017, ISSN No 2456-5660. Elsevier listed .

19. "New validated RP-HPLC method for the estimation of Afloqualone in pharmaceutical formulation" **M. Sivanadh** IJTMH , 2017, ISSN No 2356-5770.
20. "New validated RP-HPLC method for the estimation of Silimarin in pharmaceutical formulation" **M. Sivanadh** European Journals of Bio Medical and Pharmaceuticals Sciences ISSN 2349-8870 2017
21. "New validated RP-HPLC method for the estimation of Zidovudine in pharmaceutical formulation" **M. Sivanadh** Journal of Crystalization Physics and Chemistry In Press.
22. "Validation of RP-HPLC Analytical Method for Estimation of Carmustine in bulk and lyophilized" **M. Sivanadh** Indo American Journal of Pharmaceutical Research ISSN 2231-6876 2017
23. FORMULATION DESIGN AND DEVELOPMENT OF STABLE LYOPHILIZED DOSAGE FORM OF AN ALKYLATING AGENT: CARMUSTINE DER PHARMACIA LETTRE, Sivanadh ISSN 0975-5071 2017 **Abstracted/ Indexed in Scopus.**
24. Studies on Structural And Optical Properties of Al Doped ZnO Nanopowders, Sivanadh International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319 – 6734, ISSN (Print): 2319 – 6726 www.ijesi.org || PP. 38-45 UGC Approved Journal .

Books/ Chapters Publications

1. A Chapter in FACULTY DEVELOPMENT PROGRAMME 2019-20 ISBN-13:9786200534798 **Patents Awarded**

Received a patent Titled “Design and Implementation of Smart Air Quality Detection System” from Australian Government IP Australia with validity of Eight years from 2 February 2021.

Recognized Research Supervisor

S.No.	Name of The Scholar	Degree	University	Status
1	Dr.P.Rajesh Reddy	Ph.D	Krishna	Awarded-2022 December
2	Mr.K.Rama Seshaiiah	Ph.D	Krishna	Going on
3	Mr.K.Suresh	Ph.D	Krishna	Going on

Invited Talks

No. of Invited Talks	04
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Professional Service / Reviewer

- ❖ IQAC Coordinator, ANR College, Gudivada
- ❖ Board of Studies, Department of Chemistry, Krishna University
- ❖ Board of Studies, Department of Chemistry, PBS College of Arts & Science (Autonomous), Vijayavada, Krishna District
- ❖ Board of Studies, Department of Chemistry, AG & SGS Degree College of Arts & Science (Autonomous), Vuyyuru, Krishna District
- ❖ Board of Studies, Department of Chemistry, VSM College (Autonomous), Ramachandra Puram , East Godavari District
- ❖ Board of Studies, Department of Chemistry, SKSD Mahila Kalasala (Autonomous), Tanuku , West Godavari District.

Professional Development Activities - Participations

Faculty Development and Training Programmes (At Least 5 Days Duration)	04
International / National Level Seminars	06 / 39
International / National Level Conferences	00 / 02
Workshops	07
Webinars	06

Professional Bodies Membership Details

198557	Vidwan Data Base Network (INFLIBNET)
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