

RESUME

NAME : **Dr. ANURADHA VEJENDLA**

SEX : **FEMALE**

HUSBAND'S NAME : **NAVEEN RAVELA**

DATE OF BIRTH : **13TH JULY 1966**

ADDRESS FOR CORRESPONDENCE : **H.No : 3-30-12**
2nd Lane, Nalanda Nagar
Guntur – 522 006
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ACADEMIC RECORD

(degrees conferred beginning with bachelor's degree)

DEGREE	SPECIALISATION	CONFERRING INSTITUTION	YEAR OF PASSING	% MARKS / CGPA	RANK
B.Sc	Chemistry, Botany, Zoology	Nagarjuna University	June 1988	87.5%	4 th in the University
M.Sc	Chemistry	I.I.T Delhi	June 1990	8.43/10.00 CGPA	3 rd in the Class
Ph.D	Organic Chemistry(natural products)	Nagarjuna University	1994	Submitted in Dec. 1993 Awarded in Sept. 1994	
THESIS TITLE : CHEMICAL CONSTITUENTS OF ACAMPAE PRAEMORSA AND COELOGYNE OCHRACEA					

TEACHING EXPERINECE :20 YEARS

DURATION	INSTITUTION	DESIGNATION	SUBJECTS TAUGHT
1993-1994	Nagarjuna University	Research Scholar	M.Sc.,(F) Natural Products M.Sc .,(F) Practicals M.Sc .,(P) Practicals
1994-1995	Nagarjuna University	Teaching Assistant	M.Sc.,(F) Natural Products M.Sc .,(P) General Chemistry M.Sc .,(Biotech) Enzymology Practicals M.Sc.,(P) Practicals
1995-1997	Nagarjuna University	Research Scientist	M.Sc.,(F) Natural Products M.Sc .,(P) General Chemistry M.Sc .,(F) PracticalsM.Sc.,(P) Practicals
1997-2002	R.V.R & J.C College of Engineering	Lecturer	B.Tech. I Year Chemistry Theory and Practicals B.Tech. II Year Organic Theory and Laboratory
2002-2005	R.V.R & J.C College	Lecturer	B.Tech. I Year Chemistry Theory and Practicals

	of Engineering		B.Tech. II Year Organic Chemistry Theory and Laboratory M.Sc .,(P) General Chemistry M.Sc.,(F) Natural Products M.Sc .,(P) Organic Chemistry Laboratory
2005- 2010	Vignan Degree and P.G College	Associate Professor& Head	M.Sc(Organic Chemistry) Previous and Final Year Organic chemistry, Spectroscopy, Reaction Mechanism
2010- date	Vignan University	Professor	B.Tech. I Year Chemistry Theory and Practicals M.Sc. (Organic Chemistry) Previous and Final year

RESEARCH EXPERIENCE :

DURATION	INSTITUTION	DESIGNATION	NATURE OF WORK
1990	IIT Delhi	M.Sc. Chemistry Student	Worked for term paper in Biochemistry
1990-93	Acharya Nagarjuna University	Ph.D Student	Chemistry of Natural Products
1994-95	Acharya Nagarjuna University	Post Doctoral Research	Worked for isolation and characterization of novel compounds from various orchids
1995-97	Acharya Nagarjuna University	DST Research Scientist	Phytochemistry and medicinal chemistry of orchids under DST sponsored project in Young Scientist Scheme
1997 onwards	R.V.R & J.C College of Engineering Vignan Degree and P.G College Vignan University	Lecturer Associate Professor and Head Professor	Continuing research in the field of natural products and published papers. Recognised as an external research supervisor under ANU Recognised as an external research supervisor under ANU, JNTUK, SKU, Anantapur and VSTFR 3 Students awarded M.Phil under ANU 1 student awarded M.Phil Under SKU 3 students awarded Ph.D. Under ANU 2 student submitted Ph.D. Under ANU 8 students are working for their Ph.D

Research specialization

Chemistry of Natural Products and Medicinal Chemistry

Isolation and characterization of Natural Organic compounds from plant, animal and microbial sources and medicinal and antimicrobial activities of the isolated compounds

Synthesis of biologically active compounds

Areas of Interest

Chemistry of Natural Products, Medicinal Chemistry and Biochemistry. Synthesis of Bio-Active compounds

Sponsored Research Activity

Carried out DST sponsored major research project entitled "Phytochemistry and Medicinal Chemistry of Orchids" during the period 1995-'98. The total cost of the project is Rs. 4,11,500/-.

Membership in Professional Bodies

Life Member, Indian Council of Chemists

Member, P.G. Board of Studies in Chemistry, Acharya Nagarjuna University

Achievements

1. DST Young Scientist Award (1995)
2. UGC Senior Research Fellowship (1992-94)
3. UGC Junior Research Fellowship (1990-92)
4. Qualified GATE 90 with a percentile of 86.25
5. Third Rank in M.Sc(Chemistry) at IIT Delhi
6. Awarded National Merit Scholarship for securing 4th Rank in B.Sc. Degree Examination conducted by Nagarjuna University.
7. Awarded Vaddi Venkata Subbarao medal for securing highest marks in all the three years of B.Sc degree in 1997-98.
8. Best Speaker in state level elocution conducted by Hindu College, Guntur in 1987.

PUBLICATIONS :

S.No	Title of Paper / Report / Book	Author(s)	Name, Volume and No.of Journal and Year of Publication	Page Nos.	
				From	To
1	Revised structure of flavidin from <i>Acampaepreemorsa</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 35(1), 1994	273	74
2	Ochrolic acid, a precursor to phenanthrapyrones from <i>CoelogyneOchracea</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 36(6), 1994	1515	1517
3	Praemorsin, a new pehnanthrapyrene from <i>Acampaepreemorsa</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 37(4), 1994	909	910

4	Ochrolone, a pyrene from <i>Coelogyneochracea</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 39(6), 1995	1429	31
5	Aeridin, a new phenanthrapyran from <i>Aeridescrispum</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 48(1), 1998	185	186
6	Parviflorin, a new phenanthrapyran from <i>Vanda parviflora</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 48(1), 1998	181	182
7	Tessalatin, a new phenanthrapyran from <i>Vanda tessalata</i>	Anuradha.V&PrakasaRao.N.S	Phytochemistry, 48(1), 1998	183	184
8	Crispone, A novel phenanthrapyrone from <i>Aeridescrispum</i>	Anuradha.V&PrakasaRao.N.S	J Ind. Council Chem 23(2), 2006	44	46
9	Oxo-tessalatin, a novel Phenanthrapyrone isolated from <i>Vanda tessalata</i>	Anuradha.V , MandavaBasaweswara Rao and Anand S. Aswar	Oriental Journal of chemistry 24(3), 2008	1119	1122
10	Oxo- Parviflorin a novel phenanthrapyrone from <i>Vanda parviflora</i>	Anuradha.V , L. Kalyani, B. Srikanth	Asian Journal of Research in Chemistry, Volume 4 (8), 2011	1221	1224
11	Acampaquinone a novel quinone <i>Acampaepreemorsa</i>	Anuradha.V&Satish.K , Jayalakshmi.G.	II STE, Journal of Biology, Agriculture and Healthcare, Vol 2, No.2, 2012	11	18
12	A novel pregnane glycoside from the <i>Carallumaumbellata</i> Haw (<i>Asclepiadaceae</i>) root	Kalyani, K., Anuradha, V. &Jayalakshmi, G.	Journal of Natural Sciences research, vol 3, No.3, 2013	55	61
13	<i>In vitro</i> evaluation of Anti-oxidant activity of root and stem extracts of <i>Carallumaumbellata</i> Haw (<i>Asclepiadaceae</i>) in	Kalyani, K. and V. Anuradha	International Journal of Natural Products Research 2013; 3(4):	115	119
14	Catalyst / Surfactant Free Chemoselective Acylation of Amines in Water	S. Vijayavardhini and V. Anuradha	<i>CurrentGreen Chemistry</i> , 2014, 1,	73	79

15	An efficient synthesis of Ethyl[2-(2H-Chromene-3yl)-4-oxo-1,3-thiazotidin -3-yl)acetates	Venkata Suryanarayana CH & V. Anuradha	International journal of Current Pharmaceutical Research, vol 5 issue 2, 2013	98	100
16	A new and efficient synthesis of 1- (4-substituted phenyl)-3-(1-(6-substituted-2-yl)pyrimidin-4-yl)piperidin-4-yl)urea via green aqueous Suzuki coupling	Venkata Suryanarayana, Ch. V. Anuradha, G. Jayalakshmi and G. Sandhya Rani	Journal of Natural Sciences Research, vol 3, No. 8, 2013	123	129
17	Synthesis and cytotoxic evaluation for some new dihydropyrimidinone derivatives for anticancer activity	O. surendranathreddy, Ch. Venkata Suryanarayana, N. Sharmila, G.V. Ramana, V. Anuradha and B. Haribabu	Letters in drug design and discovery, 10, 2013,	699	705
18	N'-(4-Trifluoromethyl)phenyl)-1-isopropyl-1H-benzO[d][1,2,3] triazole-5-carboxamides	Venkata Suryanarayana, Ch, CherukupalliSrinivasulu and Anuradha, V.	Der Pharma Chemica, 5(5), 2013	223	227
19	Determination of Felodipine in bulk drug and its dosage formulation using bromo phenol blue and bromo thymol blue as reagents	M.V. Satyanarayana, K. Parameswara Rao, Nagaraju, T., Ramarao, PvvS, Anuradha, V.	American Journal Pharm-Tech Res., 2013, 3(1)	386	392
20	Simultaneous Determination of Acetaminophen and Guaifensin in Pharmaceutical dosage form by validated RP-HPLC method.	Satyanarayana, M.V., Satyadev, TNVSS, Anuradha, V.	Indo American Journal of Pharmaceutical research vol (4) issue (2), 2014	1140	1152
21	Simultaneous Determination of Thiocolchicoside and Ketoprofen in Bulk and Pharmaceutical Formulations by Validated Stability Indicating RP-HPLC Method.	Satyanarayana, M.V., Satyadev, TNVSS, Nageswara Rao, M. and Anuradha, V.	Am. J. PharmTech Res. 2014; 4(3).	1	13

22	A New Validated Stability indicating RP-HPLC Method for Simultaneous Determination of Montelukast and Rupatadine Fumerate in Bulk and its Pharmaceutical Formulations”	Satyanarayana, M.V., Satyadev, TNVSS, Nageswara Rao, M. and Anuradha, V.	Am. J. PharmTech Res. 2014; 4(3)	526	544
23	Development and validation of stability indicating RP-HPLC method for simultaneous estimation of TolperisoneHCl and Paracetamol in bulk and its pharmaceutical formulations	Satyanarayana, M.V., Satyadev, TNVSS, Anuradha, V. and Ramakrishna Ch.	Der Pharmacia Sinica Page No: 8-17Volume 5 issue (5) 2014	8	17
24	Syntheses of New Derivatives Derived from Cholic Acid.	Ch. Venkata Suryanarayana and V. Anuradha	Research journal of Pharmaceutical Biological and chemical sciences 2014 5(3)	220	226
25	Pd/C-mediated Synthesis of 3-methyleneisoindolin-1-ones: Biological and Theoretical Study of their PDE4 Inhibition	Ch. Venkata Suryanarayana and V. Anuradha	<u>Letters in Drug Design & Discovery</u> , Vol (4) Dec 2014,	1188	1198
26	Synthesis and cytotoxic evaluation for some new 2,5-disubstituted pyrimidine derivativesfor anticancer activity	O.Surendranath Reddy, Ch. Venkata Suryanarayana, KJP Narayana, V. Anuradha and B. Haribabu	Medical Chemistry Research, 2015 ,vol23 (11)		
27	Stability indicating RP-HPLC method for simultaneous determination of keterolactromethamine and olopatadine hydrochloride in bulk and its pharmaceutical	Satyanarayana, M.V. , Satyadev, TNSVV, RamaKrishna Ch., and Anuradha, V.	International Journal of Research in Pharmacy and Chemistry 2014 4 (3)	546	556

	formulation				
28	Anovel stability indicating Rp-hplc method for simultaneous estimation of sildenafil citrate and dapoxetine hydrochloride in bulk and pharmaceutical formulations	K. Kalyani and V. Anuradha	Der.PharmaciaL ettre 2015 7(10)	98	106
29	A novel pentacyclic triterpenoid isolated from caralluma attenuate root ,	G. Jayalakshmi, V. Anuradha, S. Ratnakumari K. Kalyani and S. SivaramBabu	European journal of Pharmacetical and Medical research, 2016	342	344
30	A New Triterpenoid Isolated From Lantana Camara	KavithaPriya, Kummara AnuradhaVejendla and Narasimha Rao, Yerramaneni	European Journal of Pharmaceutical and Medical Research ,2016,3(1)	402	404
31	Validation and forced degradation studies for the determination of Erlotinib in Bulk and Pharmaceutical dosage form by RP-HPLC	K. Kalyani, V. Anuradha, RlcSasidhar and S. Vidyadhar	Research and reviewsAjournal of Drug formulation, Development and Production vol 3, issue (2) (2016)	44	53
32	A simple stability indicating method development and validation for the simultaneous estimation of Naloxone hydrochloride and Buprenorphine hydrochloride in pharmaceutical dosage forms by RP-HPLC	K. Kalyani, V. Anuradha, RlcSasidhar and S. Vidyadhar	IJPPR Vol6 issue-3 2016	206	222
33	A Stability indicating high performance liquid chromatographic method for the determination of COBISISTAT	K. Kalyani and V. Anuradha	International Journal of Pharmaceutics and Drug Analysis vol 3 issue 4 2016	117	125
34	A stability indicating RP-HPLC for the	K. Kalyani, V. anuradha and S.Vidyadhar, R.C.Sasidhar and	Orietal Journal of Chemistry vol	1631	1637

	simultaneous determination of hydrochlorothiazide, AmiodipineBesylate and Telemisartan in Bulk and Pharmaceurical dosage form	TNV Ganesh Kumar	32 (3) 2016		
35	Ultra Sound assisted one pot and sequential synthesis of 3-methyleneisoindolin-1-ones and their in vitro analysis	Kancharla Suman, Yarlagadda Bharath, V. Anuradha, Mandava V. Basaveswara Rao,* and Manojit Pal*			

COMMUNICATED AND PRESENTED IN CONFERENCES & SEMINARS :

Sl.No	Title of Paper / Report / Book	Author(s)	Name, Volume and No.ofJournal and Year of Publication
1	Acampaquinonephananthraquinone from Acampaepaemorsa	Anuradha.V , Prakasa Rao. N.S.	ICC conference, REC Warangal, 1993
2	Biologically active phenanthrene derivatives	Anuradha.V , Prakasa Rao. N.S.	National Seminar on role of chemists in University Industry interaction, S.V. University, Tirupathi, 1994
3	Revised structure of some phenanthrapyran	Anuradha.V , Prakasa Rao. N.S.	National Symposium on Natural products, Andhra Univ., 1995
4	Biologically active compounds from Orchidaceae	Anuradha.V , Prakasa Rao. N.S.	ICC conference, University of Bombay, 1997
5	Biologically active polyphenols from Orchidaceae	Anuradha.V , Prakasa Rao. N.S.	National Conference on bioactive polyphenols, REC, Tiruchirapalli, 1997
6	Crispone, a new penanthrapyrene from Aeridescrisum	Anuradha.V , Prakasa Rao. N.S.	National Symposium on recent Developments in Natural products, Andhra University, Visakhapatnam, 1997
7	A new phenanthrapyrene from Vanda tessalata	Anuradha.V , Prakasa Rao. N.S.	ICC Conference, Mangalore University, Mangalore, 1997
8	A new phenanthrapyrene from Vanda parviflora	Anuradha.V , Prakasa Rao. N.S.	National Symposium on :Newer Vistas in Synthetic Protocols and Structural Elucidation in Chemistry, Madurai Kamraj University, Madhurai, 1998

9	A review of flavanoids isolated from orchids and their biological activity	Anuradha.V , Prakasa Rao. N.S.	National Conference on role of metal ions in organic synthesis and their importance in pharmaceutical industry, R.V.R. & J.C. college of EGINEERING, Guntur, 1999
10	Biologically active phenanthrenes from Orchidaceae	Anuradha.V , Prakasa Rao. N.S.	ICC Conference, Kuvempu University, Shimoga, 2000
11	Oxotessalatin a new Phenanthrapyrene from Vanda tessalata	Anuradha, V.	ICC Conference, K.C. College, Church Gate, mumbai, 2004
12	Chaired session		Regional Seminar on Environmental Pollution With Special Reference to Pesticide pollution, P.B. Siddhartha College of Arts and Science, Vijayawada, 2006
13	Invited lecture on pericyclic reactions	Anuradha, V.	National Seminar on Emerging trends in Chemistry, Govt. Degree and P.G. College, Tuni, 2008
14	Chaired scientific session		National seminar on "Role of chemistry in pharmaceutical industry", on Jan 29 th and 30 th , 2010 at Krishna University
15	Guest lecture in spectroscopy, pericyclic reactions and stereochemistry	Anuradha , V.	Workshop for refreshing degree lecturers with recent topics in Chemistry, UGC sponsored, Conducted by Govt. Degree college for Women,Guntur, 2010
16	Guest lecture	Anuradha, V.	St. Anns College Gorantla for degree final year students
17	Guest lecture	Anuradha , V.	Oxidation and reduction reagents, for M.Sc. Students, A.C. College, Guntur, 2011
18	Guest lecture	Anuradha, V.	Pericyclic reactions, For M.Sc. students C.R. College, Chilakaluripeta, 2011
19.	Guest lecture	Anuradha, V.	Stereochemistry and conformational analysis, for P.G. Students M.G. College, Guntur, 2012
20.	Guest lecture	Anuradha, V.	Stereochemistry and conformational analysis for P.G. students, A.C. College, Guntur 2013
21	Guest Lecture	Anuradha, V.	Spectroscopic Identification of

			Organic Compounds (NMR), M.Sc. Students at A.C. College, 2014
22	Guest Lecture	Anuradha, V.	Stereochemistry for M.Sc. Students at Govt. Womens College, Guntur, 2015
23	Guest lecture	Anuradha, V.	Stereochemistry for M.Sc. Students, A.S.N. Degree College, Tenali 2016
25	Invited Speaker	Anuradha, V.	U.G.C. Sponsored workshop on Structural Elucidation of Organic Compounds by Spectroscopic Methods, J.K.C. College, Guntur 6/9/2017
26	Invited Speaker	Anuradha, V.	U.G.C. Sponsored workshop on Structural Elucidation of Organic Compounds by Spectroscopic Methods, J.K.C. College, Guntur 6/9/2017

BOOKS AUTHORED:

1. Engineering Chemistry-I Text book for I B.Tech I semester students of JNTUK
2. Engineering Chemistry-II Textbook for I B. Tech II semester students of JNTUK
3. Engineering Chemistry Prescribed text book for I B. Tech students of JNTUK

Academic and Administrative Activities :

1. M. Phils Awarded

S.No.	Name of the student	Title of the thesis	Year of award	University
1	K. KavithaPriya	Chemical Investigation of <i>Lantana camara</i>	2010	ANU
2	L. Kalyani	Chemical Examination of <i>Vanda parviflora (orchidaceae)</i>	2011	ANU
3	K. Kalyani	Phytochemical investigation on <i>Caralluma umbellata</i> and antioxidant activity of its crude extract	2012	ANU
4	K.Siva Prasad	Chemical Examination of <i>Calotropis gigantea</i>	2013	SKU

Ph. D. Awarded

1.	S. VijayaVardhini	Synthetic studies on the chemoselective acylation of amines, tetrahydropyranylation of alcohols/phenols, glycosidation of glucal/galactal and (z)-3-	2014	ANU
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		methyleneisindolin-1-ones”.		
2.	Ch. Venkata Suryanarayana	Synthesis of new hydroxy derivatives derived from cholic acid and heterocyclic systems from benzotriazole & 2H-benzo[b][1,4]oxazin-3(4H)-one derivatives”	2015	ANU
3.	M.V. Satyanarayana	<i>“Development and validation of new stability indicating RP-HPLC assay methods of some selected drugs in combined dosage form.”</i>	2015	ANU

2. **Invited speaker for UGC sponsored College teachers training programme for Degree College** Lecturers. Lectures on Spectroscopy, Stereochemistry, pericyclic reactions and Retrosynthesis were presented
3. **Convenor of National Seminar on Bio Active Natural Products** Conducted by Vignan Chemical Association, Vignan Degree College, Guntur on Sept 9th 2006.
4. **Convenor of National Seminar on Recent trends in Organic Chemistry** conducted by Vignan Chemical Association, VignanDegree College, Guntur, 8th September 2007.
5. **Convenor of National Seminar on Organic Chemistry- Industrial Perspectives”** conducted by Vignan Chemical Association, Vignan Degree College, Guntur, 19th and 20th December 2008.
6. **Convenor of Chemcoir, a paper presentation contest for Degree & PG Students.** conducted by Vignan Chemical Association, Vignan Degree College, Guntur, February 2011.
7. **Convenor of VignanSravanthi 2007** an intercollegiate cultural fest during December 8-10-2004.
8. **Convenor of NIRULOTSAV, 2010** an intercollegiate cultural fest for Engineering students
9. **Convenor of RIVALITE, 2011** an intercollegiate Technical and cultural fest for Engineering students

The above information is true to the best of my knowledge.

(V. ANURADHA)