

Faculty Information

S P Lavanya

Assistant Professor (PTL)

Department of Chemistry

Nizam College (OU)

PhD (Chemistry) Osmania University

MSc (Organic Chemistry) Osmania University

B Ed (Biological Sciences) Osmania University

B Sc (MZC) Osmania University



Since 2010, Dr S P Lavanya has been working as Assistant Professor in Depart of Chemistry, Nizam College, She has teaching stints in both under graduate and post graduate courses. Prior to joining academics she joined as a research scholar. She completed her Ph D in Chemistry from Osmania University and published five international papers. She holds a Masters in organic chemistry and has a completed Bachelors of Education in biological sciences. She has been involved in field of *in-silico* works which landed her to guide M.Sc Pharmacoinformatics students as mentor for their project works.

Faculty Information

Detailed CV



1. Personal Details

Name of the faculty	S. P. LAVANYA
Gender	FEMALE
Department	
PAN	
Designation	ASSISTANT PROFESSOR (PART TIME)
Qualification	M. Sc, B.ed, PhD
Date of Joining (Submit Appointment Letter)	
Date of Birth	11.07.1982
Category	
Mobile Number	9440403610
E-Mail Id	Lavanyarao_888@yahoo.co.in
Address	

2. Academic details:

Degree	Qualification	Month and Year of Passing	Division	% of Marks	Univ/Board/ Institution with State
PG (M.A./M.Com/ M.Sc/M.Tech/ MBA/ MCA/Any other)	M.Sc	May-2005	II	58.9	Osmania University Telangana
CSIR/UGC-NET /SELT/Any other	–	–	–	–	–
Any other	B. ed	June-2006	I	73.7	Osmania University Telangana
Research details	Title of Thesis			Month and Year of award	Univ/Board/ Institution with State
M.Phil					
Ph.D	Design of ligand molecules for Human Tyrosine Phosphatases as Cancer targets – an <i>in silico</i> approach			December-2017	Osmania University Telangana
Post Doctorial/ D.Sc./D.Litt.					
Any other					
*Please provide the scanned copies of certificates					

3. Teaching Experience: Total: __8__ yrs UG: __8__ yrs PG: _8__yrs

4. Academic Promotions:

Designation	Month and Year of Promotion
Associate Professor	
Professor	
* Please provide order copies	

5. Resource persons:

Guest Lectures/ Extension Lectures	No. of Lectures	Name of Program	Organization / Institution	Date and Year
* Please provide the certificates or letter of invitation				

6. Carrier Development Programs: Orientation Course/ Refresher courses/Short Term Course/Faculty Development Programme

Course attended	Institution /University	Title of the Professional Development Programme	Duration	
			From	To
* Please provide the certificates				

7. Research Details:

Research Experience (No. of years):		
Area of research :		
Supervisor for M.Phil/Ph.D (Guideship Letter)		
No of students working/Registered	Ph.D: F: M:	
No. of students with fellowship (JRF)	M: F: Total:	
No. of students with fellowship (SRF)	M: F: Total:	
No. of students with fellowship (Project fellow)	M: F: Total:	
No. of students with any other fellowship	M: F: Total:	
No of students working for M.Phil.	M: F: Total:	
No of students working as Post.docs.	M: F: Total:	
No of students working as RA	M: F: Total:	
No. of M.Phil/Ph.D. Produced	Ph.D: M: F: Total:	M.Phil: M: F: Total:
Name of Students awarded. M.Phil/Ph.D	Title of Thesis	Month and Year of Registration Month and Year of Award

1.			
2.			
* Please provide the list of students registered, along with their category and fellowship details			

8. Total No. of Research Publications:

International:

National:

8.1 List of publications(## If possible use MS-Excel file which is attached as separate file)

List of publications														
S. No.	Title of Paper	Name of the Authors	Name of the Journal	Volume and Page No	Month and Year of Publication	Peer reviewed/ Non Peer reviewed	Impact factor	National/ International	ISSN No.	UGC Journal No	Citation index (SCI./SCOPUS/Web of Science/ICI)	No. of citation excluding self citation	h-index	Institutional affiliation as mentioned in publication
1	Design of novel lead molecules against RhoG protein as cancer target - A Computational Study	Thirupathi D, Bhargavi K, Ramasree D, Aboubakr HA, Thirupathi M, Lavanya SP and Uma Vuruputuri	Computational Biology and Chemistry	Volume 71, Pages 224-229	December 2017	Peer reviewed	1.331	International	0739-1102					Department of Chemistry, University College of Science, Osmania University, Hyderabad 500007, Telangana, India

2	Structure based drug discovery of Rab38 protein- Identification of antagonists as cancer drug candidates	Aboubakr HA, Ramasree D, Thirupathi D, Lavanya SP , Thirupathi M and Uma V.	Combinatorial chemistry & high throughput screening		October 2016	Peer reviewed	1.08	International						Department of Chemistry , University College of Science, Osmania University , Hyderabad 500007, Telangana , India
3	Human Rab8b protein as a cancer target- An In silico study	Abdelmonsef AH, Padmarao LS , Mukkera T, Rondla R, Rajender S and Vuruputuri U	Journal of Computer Science & Systems Biology	Volume 9, Pages 132-149	July 2016	Peer reviewed	1.59	International	0974-7230					Department of Chemistry , University College of Science, Osmania University , Hyderabad 500007, Telangana , India

4	Azoliu m analog ues as CDK4 inhibit ors: Pharm acoph ore modeli ng, 3D QSAR study and New lead drug discov ery	Rohini Rondla, Lavanya Souda Padma Rao , Rajender Vadija, Thirupat hi Mukkera, Sarita Rajender Potlapall y and Vuruputu ri U,	Journal of Molecula r Structure	Volum e 1134, Pages 482- 491	April 2017	Peer reviewe d	1.60	Inter natio nal							Departm ent of Chemistry , University College of Science, Osmania University , Hyderaba d 500007, Telangana , India
5	Combi ned approa ch of ligand- based 3D QSAR and recept or- based molec ular	Lavanya SP , Thirupat hi M, Aboubakr HA, Thirupat hi D and Uma V	Journal of Chemical Informati on and Modellin g	Volum e 51, Pages 463- 474	Februa ry 2011	Peer reviewe d	3.64	Inter natio nal							Departm ent of Chemistry , University College of Science, Osmania University , Hyderaba d 500007, Telangana , India

	docking studies to design novel PRL-3 inhibitors as anticancer drug candidates													
6	Selective ATP competitive leads of CDK4: Discovery by 3D-QSAR pharmacophore mapping and molecular docking	Rohini Rondlala, Lavanya Souda Padma Rao, Vishwanath Ramatenkia, Aboubakr Haredi-Abdel-Monsef, Sarita Rajender Potlapally, Uma Vuruputuria	Computational Biology and Chemistry	Volume 71, Pages 224-229	December 2017	Peer reviewed	1.33	International						Department of Chemistry, University College of Science, Osmania University, Hyderabad 500007, Telangana, India

[illegible]

9. List of Publication in Conference proceedings:

SNo	Title of Paper	Name of Conference	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
* please provide the PDF or scanned copy of the articles along with ISBN no. and DOI							

10. List of Books Published:

S.No	Title of Book/Chapter	Edited/ Authored	Name of the Publisher	Month and Year of Publication	ISBN No.	State/National /International	Affiliated institute at the time of publication
1							
2							
* please provide the PDF or scanned copy of the first page along with ISBN no.							

11. Member on editorial board or referee for national/international

S.No.	Name of the Journal	Status on the editorial Board	ISSN Number	Periodicity of Publication	Month and Year of Inception of Journal	Impact factor
* Please provide the certificates or e-Copy of letter from editor or editorial board						

12. No. of Papers Presented in Conference/workshop/seminars: (Oral/Poster)

SNo	Title of the paper	Name of Conference/ workshop/ Seminars	Oral/ Poster	Organized by	Date and year	State/National /International
1	ATP Competitive leads of CDK4: Discovery by 3D QSAR Pharmacophore Mapping and Molecular Docking Approach	20th International Conference of International Academy of Physical Sciences (CONIAPS XX)		Faculty of Science (Departments of Mathematics, Physics and Chemistry), Osmania University, Hyderabad,	July 2017	International
2	Pharmacophore modeling, 3D	International Conference on Nature		Department of	October 2016	International

	QSAR study and lead CDK4 drug discovery	Inspired Chemistry and Engineering		Chemistry, Jawaharlal Nehru Technological University, Hyderabad		
3	Synthesis and characterization of benzene centered tricationic imidazolium salts	National symposium on recent advances in chemical and material sciences (RACMS)		Department of Chemistry, Rajiv Gandhi University of Knowledge Technology	August 2016	National
4	Design of novel phosphatases inhibitors for cancer – An <i>in silico</i> approach	ICRACACE		Department of Chemistry, University College of Science, Hyderabad	July 2016	International
5	Design of novel inhibitors targeting phosphatases of MAPK signaling- An <i>In-silico</i> approach			Department of Biochemistry University College of Science, Hyderabad	September 2015	National
6	The 1st International Conference on Natural Products and Drug Discovery				September 2015	International
7	Identification of PRL-2 inhibitors as novel antagonists for Cancer – an <i>in silico</i> approach	National Conference on Bioinformatics Drug Discovery and Microbial Technology		Department of Botany	December 2014	National

8	Computational Drug Design, Department of Chemistry			University College of Science Hyderabad	April 2014	National
9	Pharmacophore Modeling and Virtual Screening for Protein tyrosine phosphatase to generate novel inhibitors against cancer	Conference on Recent Advances in Computational Drug Design		IISc- Bangalore	September 2013	International
10		National Conference on Recent Advances in Chemical Research		Department of Chemistry	February 2009	National
11		Five days National Workshop in Bioinformatics Drug Discovery		Department of Botany	December 2014	National
12		Two days National Workshop in Computational Drug Design,		Department of Chemistry, University College of Science, Osmania University,	April 2014	National

13. Conferences/ workshop/ seminars/Training Program etc organized.

SNo	Name of the Seminar	International/ National/State/University/College level	Date	No. of papers presented	No. of Participants		Source of funding/ Sponsoring Agency
					Nizam College	Other Institutions	

* Please provide the proof of organization and sanction letter for funding

14. Conferences/ workshop/ seminars/Training Program etc attended/participated.

S.No	Name of the Seminar attended	National/ International	Duration		Organized by	Funded/Not Funded	Funding agency	Amount
			From	To				
1								
2								
3								

* Please provide the certificates and sanction letter for funding

15. Patents:

Total No. of Patents: _____ No. of Patents applied: _____ No. of Patents approved: _____

S.No	Month and Year	National/ International/ Commercialized	Country	Patent Information	Patent Filed/ Published /Granted	Patent Application no./Grant No.
1						
2.						

* Please provide the copy of patent publication and Patent grant orders

16. Research Projects:

Total No. Projects:

Major: -

Minor:

Title/Name of Project	Major /Minor	Funding Agency	Amount Granted (in Rs. Lakhs)	Amount Received (in Rs. Lakhs)	Duration	Date and Year	Status – Completed /Ongoing/ Sanctioned/ Submitted

* Please provide the scanned copy of sanction letter/ grant received orders/project closure orders

17. Consultancy Projects:

Name of the Consultant	Name of the Consultancy Project	Consulting/Sponsoring Agency with Contact Details	Month and Year	Funds earned/ Revenue generated during last five years (in Rs.)*

* Audited statement of accounts indicating the revenue generated through consultancy

18. Collaboration activities for research:

Title of the collaborative activity	Name of the Collaborating agency with contact details	Source of financial support	Month and Year of collaboration	Duration	Nature of activity

* Audited statement of accounts indicating the revenue generated through consultancy	
--	--

19. Students Projects:

Total No.of Student Projects Guided:

S.No	Name of the student	Course	Title of the Project	Duration of the Project	Month & Year of the Award
1	Ms Thumma Lavanya	M.Sc Chemistry (Pharmacoinformatics)	Ligand based QSAR studies on COX-2 inhibitors using PHASE	2 years	May 2017
2	Ms. Antharam Maheswari	M. .Sc Chemistry (Pharmacoinformatics)	Molecular docking studies on indoleamine-2,3-dioxygenases-1	2 years	May 2017
3	Ms. Akula Sunanda	M. .Sc Chemistry (Pharmacoinformatics)	Pharmacophore based 3D QSAR studies of P13K inhibitors	2 years	May 2017
* please provide copy of certificate page or certificate from Head/Principal					

20. Faculty visit abroad on academic purpose:

Institution Visited & Period of Visit	Country	Sponsoring of agency	Activity undertaken	Month and Year of Visit
* please provide invitations/sanction letters/grant received letter				

21. Awards / distinction received if any

Name of the award Received	International/ National/ State/University/District/College level	Nature of Award	Month & Year of the Award
* please provide copy of certificate			

22. International fellowship for advanced studies/research received if any

Name of the award	Month and Year of Award	Awarding agency
* please provide copy of certificate		

23. Faculty Distinction/Nominations to University/State/National/International bodies.

Membership / Distinction earned	Organization	University/State/ National/International Level	Month and Year
*please provide copy of offer letters/appointment orders			

24. Collaborative programs if any other University / Organization/ Industries

Name of Program	Nature of Collaboration	Collaborating organization and Country	Objectives of MOU	Month and Year
* please provide copy of MoU letter				

25. Innovation adopted in Teaching (If any, provide details.):

26. Participation in Curriculum design/BOS etc. (copy of minutes of meeting)

27. List of ICT modules prepared (Please provide soft copies of modules, url link/videos):

28. Social outreach programs conducted (If any, proof as photographs, videos, certificate of appreciation, etc):

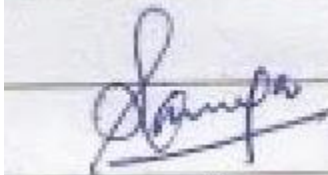
29. Life Members of any bodies (provide membership details):

30. Extension activities and institutional social responsibility (If any, provide proof)

31. Contribution to environmental awareness and protection (If any, provide proof)

32. Please provide the details if any MoUs/Linkages (If any, provide MoU letter):

33. Any another relevant information:



SIGNATURE