

BIO-DATA

Name in Full (Block letters) : Dr. PATIBANDLA VENKATESWARA RAO

Father's Name : PATIBANDLA HARINADHA BABU (Late)

Date of Birth : 15-07-1976

Nationality : Indian

Religion : Hindu

Present Address : Department of Chemistry
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Educational Qualifications:

Name of the Course	Name of the institution/University	Year of Passing	Grade obtained
Ph.D.	Acharya Nagarjuna University Guntur	2018	First
M.Phil.	Acharya Nagarjuna University Guntur	2014	First
M.Sc.	University College, Acharya Nagarjuna University	2000	First
B.Sc.	J.K.C.College, Guntur	1998	First
Intermediate	J.K.C.College, Guntur	1993	First
SSC	SPS High School, Guntur	1991	First

Research experience : 15 years

Teaching experience : 21years

Employment Profile :

Job Title	Name of the Institution	From	To
Lecturer	Vignan's Junior College, Guntur.	2000	2005
Lecturer	R.V.R & J.C College of Engg., Guntur	2005	2012
Asst. Prof.	R.V.R & J.C College of Engg., Guntur	2012	Till date

Published papers: 09

1. P.Venkateswara Rao et al, Simultaneous determination of Terbutaline and Bromhexine in combined pharmaceutical dosage form by RP-HPLC method, International Journal of ChemTech Research, 2012, 4(1), 240-246.
2. P.Venkateswara Rao et al, Synthesis of 9-Substituted Derivatives of tert-Butyl 6-(9h-Purin-6-Ylthio) Hexylcarbamate, Medicinal Chemistry, 2013, 3(1), 188-191.
3. P.Venkateswara Rao et al, Antibacterial activity of novel substituted mercaptopurine derivatives, Int J Pharm Biomed Res, 2013, 4(2), 127-131.
4. P. Venkateswara Rao et al, Volumetric, acoustic and spectroscopic properties of 3-chloroaniline with substituted ethanols at various temperature, Journal of Chemical Thermodynamics, 2016, 94, 186-196.
5. P. Venkateswara Rao et al, Study of intermolecular interactions in binary mixtures of 3-Chloroaniline with isomeric chlorotoluenes at various temperatures, Journal of Molecular Liquids, 2016, 219, 289-298.
6. P.Venkateswara Rao et al, Studies on the importance of Nature of Substituent on the Thermodynamic & Transport properties of liquid mixtures, Journal of Chemical Thermodynamics 101, 92-102, May, 2016.
7. P.Venkateswara Rao et al, Excess Molar Volumes, Speeds of Sound & Viscosities for Binary Liquid Mixtures of 3-Chloro Aniline with selected Di & tri Chloro substituted benzene at various temperatures comparison with Prigogine – Flory Theory – Patterson Theory, Journal of Molecular Liquids, 222, 873-882, July, 2016.

8. P. Venkateswara Rao et al, Electron Releasing Effect on the Thermodynamic and Transport Properties of Liquid Mixtures at various temperatures, IOSR Journal of Applied Chemistry 10, 7, July, 2017.
9. Dr. P. Venkateswara Rao et al, published a paper entitled “Binary mixtures of 2-ethyl-1-hexanol with various functional groups (benzyl chloride, 3-methylaniline, 3-methoxyaniline and 2,6-dimethylcyclohexanone) S N Applied Science (Springer Nature Journal)2:960,2020.

Achievement

- ❖ Selected for National Merit Scholarship (NMS) in SSC

Conferences/Seminars/workshops attended/participated:39

1. “Induction Training conducted for Young Faculty” Organised by ISTE Chapter of RVR&JC College of Engineering, Guntur on 25th& 26thJuly 2008.
2. “One day Seminar &Work shop on HPLC system and its application” Organized by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Chowdavaram, Guntur-522019, in association with LC-GC Chromatography Solutions Pvt.Ltd, Hyderabad on 08-08-2008.
3. National Workshop on “Faculty Orientation in Engineering Chemistry” organised by Dept. Of Humanities & Sciences, VNR VignanaJyothi Institute of Engineering & Technology, Hyderabad on 24th and 25th September,2010.
4. National Seminar on “Metal Matrix composites” sponsored by AICTE and organized by Dept. of Mechanical Engineering, RVR&JC College of Engineering, Guntur from 29thand 30th September 2010.
5. National Seminar on “Management of Environmental pollution” sponsored by Andhra Pradesh Pollution Control Board and R.V.R. & J.C.College of Eng., Guntur on 22nd March 2011.
6. Short-Term Course on “Ultrasound and its Applications” Organized by NIT, Trichy on 22nd and 23rd March 2013.
- 7.UGC sponsored National Seminar on “Solar energy Harvesting through Photovoltaic cells and storage” on 21-22, June 2013 organised by Physics Department, RVR& JC College of Engg., Guntur.
- 8.DST sponsored National seminar on “Futuristic trends of nanocomposites and their fabrication” on 6th and 7th September 2013. RVR& JC College of Engg., Guntur.

9. AICTE sponsored National work shop on “Nano technology -A fuel for Chemical industry” 20th and 21st September 2013. RVR & JC College of Engg., Guntur.
10. UGC-SERO Hyderabad In collaboration with APPCB ,APCOST sponsored National Seminar on “New Frontiers in Eco Friendly Chemistry” on 27th& 28th September 2013 organised by Department of Chemistry , Govt. College for Women, Guntur.
11. National Workshop on Instrumentation Techniques for Research in Science and Technology on 9th November 2013 organised by Department of Science & Humanities, Vignan University, Guntur.
12. AICTE sponsored National Seminar on “Advances in Biomaterials for medical applications” on 14th and 15th March 2014. RVR & JC College of Engg., Guntur.
13. Two-day seminar on the topic “Impact of Toxic Metals, Minerals & Solvents leading to Environmental Pollution sponsored by UGC-SERO conducted by Dept. of Chemistry, Govt.Women’s College during 17-18th October, 2014.
14. First Indo-African Conference on Global Trends and on-going development in Pharmaceutical Sciences organized by APP Andhra Pradesh State Branch in collaboration with “CHIPS” at CHIPS College, Guntur on 14.02.2015.
15. National Seminar on “Solar Energy on Green Chemistry” conducted by Dept. of Chemistry, PVP Siddhartha Institute of Technology on 31st March, 2015 at Kanuru, Vijayawada
16. National Conference on Marine Natural Products as Pharmaceuticals on 25th July, 2015 at Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Chowdavaram, Guntur-19, A.P.
17. National Seminar on “Development of Tools using Bio-materials for Medical Applications” organized by Dept. of Mechanical Engineering during 18-19th September, 2015 at R.V.R. & J.C.C.E.
18. Two-National Seminar on “March to Make-in-India through Engineering Advancements” organized by Dept. of Mechanical Engineering during 29-30th September, 2016 at R.V.R. & J.C.C.E.
19. Two day National seminar on Ethics and Human values in Engineering, organized by Dept. of Mechanical Engineering during 5th -6th Jan, 2017 at R.V.R. & J.C.C.E., Guntur.
20. A Three-day Workshop on “Problem based Teaching & Learning of Organic Chemistry” held from 31.01.2017 to 02.02.2017 at Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur.
21. Seminar on Advances in Composite Materials sponsored by Science & Engineering Research Board & Department of Science & Technology, Government of India, New

- Delhi, conducted by Dept. of Mechanical Engineering during 20-21 April, 2017 at R.V.R. & J.C.C.E.
22. AICTE Approved STTP Programme on Foundation Programme in ICT for Education conducted by IIT-Bombay Remote Centre at R.V.R. & J.C.C.E during 03.08.2017 to 07.09.2017
 23. AICTE Approved STTP Programme on Pedagogy for Online and Blended Teaching Learning Process conducted by IIT-Bombay Remote Centre at R.V.R. & J.C.C.E during 08.09.2017 to 12.10.2017.
 24. AICTE Approved FDP on “Innovations in Renewable Energy Harvesting & Environment Friendly Process” at Dept. of Chemical Engineering, R.V.R. & J.C.C.E during 23.10.2017 to 04.11.2017.
 25. MOOC on Life skills for Engineers (Level I) offered by CEMCA and University of Hyderabad from May 15th to June 28th, 2018.
 26. A Three-day Workshop on “Problem based Teaching & Learning of Organic and Analytical Chemistry” held from 11.07.2018 to 13.07.2018 at Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur.
 27. AICTE-ISTEsponsored one-week Induction/Refresher programme on “Research Methodology, Design and Analysis of Experiments” 12th to 17th November 2018. at RVR& JC College of Eng., Guntur.
 28. The NPTEL workshop conducted by IIT Madras on 07.12.2018 at RVR & JC College of Eng., Guntur.
 29. MOOC on Life skills for Engineers (Level II) offered by CEMCA and University of Hyderabad from Nov 06th to Dec 20th, 2018.
 30. AICTE sponsored Three days FDP on “Student Induction” organised at Chadalawada Ramanamma Engineering College, Tirupati during 10-12 June 2019.
 31. Trained as Internal Auditor of ISO9001:2015 Certification Programme during 17-18 June, 2019 at R.V.R. & J.C. College of Engineering, Guntur.
 32. Five day FDP Programme on National institute of technical teachers training and research from 17-6-2019 to 21-6-2019, NBA programme conducted by NITTTR, Kolkata in RVR&JC College, Guntur.
 33. AICTE sponsored 7days FDP for “Student Induction Program” from 23-29th July 2019 organised by Sri Venkateshwara College of Engineering, Bangalore.

34. STTP organised by NITTTR, Kolkata on “Fundamentals of Laboratory Safety Management” during 23rd Sep-27th Sep. 2019 at RVR & JC College of Engineering, Guntur.
35. One-day International Seminar on “Emerging trends in Chemistry & it’s allied Sciences” on 23rd December 2019 at Bapatla College of Arts & Sciences, Bapatla.
36. The Bodhi Tree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop on 21 June 2020 organised by the Teaching Learning Centre (ICT) at IIT Bombay.
37. AICTE Training And Learning (ATAL) Academy Online FDP on "Novel Materials" from 05-10-2020 to 09-10-2020 at Pillai College of Engineering.
38. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Novel Materials for Next-Generation Applications" from 2021-7-12 to 2021-7-16 at M S Ramaiah Institute of Technology, Bangalore.

Online Webinars attended: 26

Papers presented: 02

1. Presented a paper titled “Development of forced degradation studies of drugs” at one-day National seminar on Recent Advances in medicinal Chemistry on 21st February 2018 organised by Dept. of Chemistry, JKC College, Guntur.
2. Presented a paper titled “Excess properties for binary liquid mixtures of 2,6-dimethyl cyclo hexanone with aniline derivatives” at U G C sponsored one-day International seminar on “Recent Developments and Applications of Physico-Chemical Characterization Techniques” on 04th January 2019 organised by Dept. of Chemistry, JKC College, Guntur.

Memberships in Professional societies/Bodies: 03

- 1) Member of International association of Engineers.
- 2) Member of Indian Liquid Crystal Society.
- 3) Member of The Indian Society for Technical Education.

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Google scholar: <https://scholar.google.com/citations?user=iP9Ii-8AAAAJ&hl=en>