

FORMAT FOR DETAILS OF INDIVIDUAL TEACHERS

1. Name : Prof. D RAMACHANDRAN
 2. Designation : PROFESSOR
 3. Department : CHEMISTRY
 5. Qualifications : M.Sc., Ph.D.
 6. Date of Birth : 01 – 04 - 1966
 7. Date of Joining : 17 - 10 - 2006
 8. Phones: Cell : 9866965335, 6302014783
 9. Email ID : dittakavirc@gmail.com
 10. Title of Ph.D. Thesis :

Title of Thesis	University from which PhDs awarded	Awarded Year
Thermodynamic and Transport Properties of Organic Liquid Mixtures (Binary and Ternary Systems)	Sri Venkateswara University, Tirupati	1995

11. Areas of Research Interest :

Organic synthesis and their biological studies, Study of molecular interactions between various Ionic Liquids and Organic solvents; Development of Analytical Techniques for determination of pharmaceutical drugs and impurities.

12. Research Students Information (Awarded):

Guided Successfully		Presently Guided	
Ph.D	M.Phil	Ph.D	M.Phil
45	15	08	--

13. Academic Achievements:

Administrative Positions: Acted as Additional Director, Directorate of Admissions, ANU since February 2013 to 2015. Acted as Coordinator, Department of Chemistry, University College of Sciences, ANU during 2014-16. Acted as Assistant Coordinator, A.P. Online Help Centre, ANU. Acted as Coordinator, Help Line Centre, ANU. Acted as Chief Teacher Associate (CTA), UG Exams. Acted as Academic Adviser, Centre for Distance Education, ANU. Acting as Coordinator, DST FIST – Level-1 Program. Acted as Additional Chief Warden for ANU Boys Hostels. Acted as Chief Warden for ANU Boys Hostels. **Awards:** *Man of the Year* 2004, American Biographical Institute (ABI), USA, **Outstanding Faculty Award – 2015**, VIFFA, Chennai. **Adarsh Vidya Saraswati Rashtriya Puraskar-** Global Management Council, Ahmadabad, on 20th May 2017. **Jai Upadyaya Puraskar**, on 5th Sep. 2017, Lions Clubs International, **Best National Research Paper Award** in Physical Sciences, on 16-09-2017, 41st Foundation Day Celebrations – 2017, ANU. **Certificate of Outstanding Contribution in Reviewing**, Journal of Molecular Liquids (ELSEVIER)

Netherlands. December 2017. **Certificate of Excellence in Reviewing**, Asian Journal of Applied Chemistry Research August 2019, **International Best Researcher in Chemistry**, RULA Awards, World Research Council, 15th August 2019, **Best Research Paper at International Seminar Award** in Physical Sciences, on 11-09-2019, 43rd Foundation Day Celebrations – Sep. 2019, ANU, **Certificate of Reviewing of RASAYAN Journal of Chemistry**, SCOPUS Indexed, June 2020, **Certificate of Attendance American Chemical Society Webinar** May 2020, Certificate of E-Waste Pledge by **Ministry of Electronics and Information Technology**, Govt. of India, April 2020, **Certificate of Merit** of National Level E-Quiz on Environmental Protection & Biodiversity Conservation by Dept. of Env. Sciences, ANU 2020.

MEMBER IN PROFESSIONAL BODIES: Acted as **Science Representative**, ANU Association.(NUTA), **Life member of Indian Council of Chemists (ICC)**, **Member of American Association for Science and Technology**. Life Member & Associate Fellow, **A.P. Academy of Sciences**. Acting as **Treasurer**, Andhra Pradesh Federation of University Teachers, Association. (APFUTA). **Lifetime Member** World Research Council.

REVIEWER / EDITORIAL BOARD MEMBER: 1. Portugaliae Electrochemical Acta. 2. Kabala International Journal of Modern Science. 3. British Journal of Pharmaceutical Research. 4. Journal of the Chilean Chemical Society. 5. Advanced Pharmacy Research- Helwan (APRH), (EBM) 6. Journal of Applicable Chemistry.(EBM). American Chemical Science Journal 8. Journal of International Research in Medical and Pharmaceutical Sciences. 9. Glacier J. of Scientific Research. (EBM) 10. Journal of International Research in Medical and Pharmaceutical Sciences 11. Journal of Thermal Analysis and Calorimetry. 12. Journal of Molecular Liquids 13. Journal of Chemistry Africa 14. Journal of Chemical & Engineering Data. 15. Journal of Biomass Conversion and Bio-refinery. 16. Oriental Journal Chemistry.

EXTERNAL DOCTORAL EXAMINER: S.V.University, Tirupathi, A.P., India., Dravidian University, Kuppam A.P., India, S.K.D.University, Anantapur, A.P., India, Bharatidasan University. Tamilnadu., India, Cairo University, Giza- A.R. Egypt, Rayalaseema University, Karnool. A.P., India, Andhra University, Vizag, A.P., India, Academy of Scientific and Innovative Research (AcSIR), CSIR HRD.

No. of Books Published: 1) General Chemistry (A.N.U. Distance Education), 2004. 2) Tools Of Retro Synthetic Analysis (The Key Of Synthetic Organic Chemistry) Sara Publications, 3) A Comprehensive Text Book Cum Objective Book Of Chemistry, Volume 1 Part-B, Varsity Education Pvt. Ltd., Hyderabad. 2019. 4) Book Chapter In Current Perspectives On Chemical Sciences, 2020/Bp/6271d On Anticancer Activity Of Substituted Styryl Incorporated Quinazoline Derivatives. Book Publisher International, Ebook ISBN : 978-93-90431-81-6, Print ISBN : 978-93-90431-73-1, Pp: 106-115. 5) Stability Indicating Chromatographic Assay Methods For Pharmaceutical Molecules. ASIN : BOB8P41X7Y, SCIENTIST R ACADEMY, BANGALORE 1ST EDITION.

BOARD OF STUDIES: 1) Acted as Chairman BOS in Chemistry, ANU, 2018-2020. 2) Acting as BOS member of JNTU, Kakinada. 3) Acting as BOS member of LBRC Engg. College, Mylavaram. 4) Acting as BOS member of ANR College, Guduwada. 5) Acting as BOS member of PB Siddartha College of Arts and Science, Vijayawada. 6) Acting as BOS member of JMJ College, Tenali. 7) Acted as BOS member of JKC College, Guntur. 8) Acted as BOS member of Siddartha Mahiala College, Vijayawada. 9) Acted as BOS member of PB Siddartha College of Arts and Science, Vijayawada. 10) Acted as BOS member of Montessori Mahila Kalasala, Vijayawada. 11) Acted as BOS member of Andhra Loyola College, Vijayawada.

15. No. of research articles published / presented since the inception: 180 / 68

Journals		Conferences	
National	International	National	International
57	123	57	11

16. Details Major/Minor Research Projects held/holding:

Title and Sanction Order Particulars	Date of Project Sanctioned	Major/Minor and Funding Agency	Amount in Lakhs
Development of new UV- Visible spectrophotometric for the assay Drugs in Pharmaceutical Formulations.	2010	UGC	1,20,000/-

Estimation of thermodynamic properties of mixtures containing ionic liquids and nitrogenous heterocyclic's as common component	2014	UGC	9,65,000/-
DST-FIST, New Delhi	2017-2022	MHRD, Govt. Of India, New Delhi.	2,28,00000/- (LEVEL-I)

17. Research Collaboration with the faculty of foreign Universities:

CSIR-IICT, Hyderabad, Telangana, India. Department of Chemistry, Gitam Deemed to be University, Visakhapatnam, India. Department of Science and Humanities, Vignan University, Vadlamudi, A.P., India. Department of Science and Humanities, KLU University, Vaddeswaram, Guntur(dt) A.P., India. Department of Chemistry, Andhra University, Visakhapatnam-AP, India. Department of Chemistry, Sri Venkateswara university, Tirupati, India. Department of Chemistry, Krishna university, Machilipatnam, India. Department of pharmaceutical chemistry, Helwan University, Ain Helwan Cairo, Egypt. Pharmaceutical Department, Lord Zuckerman Research Centre, United Kingdom. Laboratory of Natural Products Chemistry, Institute of Tropical Biology and Conservation, University Malaysia Sabah, Malaysia. Srigen Life Sciences Pvt. Ltd., TSIIC-IALA Medchel-Malkajigiri District, Hyderabad, Telangana. Lavybens Pharmaceuticals Pvt Ltd., Hayat nagar mandal, Hyderabad, Telangana, India. Dept. of Biochemistry, Dept. of Biotechnology, Dept. of Botany & Microbiology; College of Pharmaceutical Sciences; Dept. of Environmental Sciences; Dept. of Zoology & Aqua culture; Dept. of Nanotechnology; University College of Engineering & Technology of ANU.

18. FOREIGN VISITS:

- I) **Dubai:** 3rd International conference on Chemistry for Sustainable development: Indian Perspective held Dubai 10th to 14th June 2014. (**Paper Presented as Oral**).
- II) **Rome, Italy:** International Conference on Euro Chemistry Conference held at Rome, Italy from 11th to 13th June 2018 (**Paper Presented as Oral**).
- III) **Cairo, Egypt,** International Conference on sustainable development of Africa we want held at Helwan University on 9-11th December 2019.

PATENTS : 3 (Indian)

- 1) **Invention Title:** Synthesis of biologically active and novel antifungal agents like substituted hetero aryl amines of dihydro imidazo [1,2a] pyridine derivatives.
Application Number : 4434/CHE/2014, , Grant : 2022/04/22,
- 2) **Invention Title:** Design, Synthesis of Anti-microbial active new molecular entities of N-substituted gamma pipradols.
Application Number : 201641017243, Date of Publication : 24/11/2017.
- 3) **Invention Title:** Application of Ethyl Acetate with **1-butyl-3-methylimidazolium Bis** (Trifluoromethylsulfonyl) Imide in automobile Industry to Reduce Freezing Point.
Application Number : 202141017340A, Publication Date : 23/04/2021



Signature of the Teacher