

Name : D. SESHU PAVAN KUMAR
Designation : ASSISTANT PROFESSOR
Department : CHEMISTRY
Mail ID : seshupavankumar@gmail.com
Experience (in yrs) : **Teaching:** 07 **Research:** 06



1. Educational/ Technical Qualifications:

S.No	Level	Year of passing	Specialization
1.	M.Sc	2013	Analytical Chemistry
2.	APSET	2018	Chemical Sciences

2. Teaching and Learning

2.1. Teaching Interests : Physical chemistry , Inorganic chemistry, Organic chemistry and Analysis of applied and industrial products and Separation techniques

2.2. Novel Teaching & Learning Techniques adopted : Black Board method, Power point presentation, Online teaching, you tube lessons and ICT tools

3. Co-curricular and Extra-Curricular Activities

3.1. Counseling and Mentoring Activity : Regularly monitoring the class Students and giving counseling about their future

3.2. Committees involved in : Admissions Committee, Discipline Committee and Mentor-Mentee Committee

4. Conference / Workshop / Seminar / Guest Lectures :

S. No	Name of the Seminar/Workshop/FDP	Participated/Name of the paper presented	Year and Date	Venue/National/ International
01	Advancing our life, our future "Role of Chemistry in the Present Era"	Participated	25-08-2012	The Royal Society of Chemistry(London) – Deccan Section – Hyderabad and Krishna University, Dr. MRAR PG Centre, Nuzvid, Krishna Dist., Andhra Pradesh, International
02	Green Chemistry-Its Impact on Environmental Protection	Comparative study on adsorption of Cu(II) from aqueous solution on various activated carbons.	06-02-2014	Department of Chemistry, Sir.C.R. Reddy (A) College-Eluru, National
03	Sustainable Future Through Green Chemistry	Participated	11-07-2014 to 12-07-2014	CH.S.D.ST.Theresa's College for Women, Eluru, National

S. No	Name of the Seminar/Workshop/FDP	Participated/Name of the paper presented	Year and Date	Venue/National/ International
04	Workshop on Instrumentation- Chemistry Practical - Paper IV	Participated	\ 21-11-2014	Sir C R Reddy (A) College, Eluru and DRC, West Godavari Dist, A.P, Regional
05	National Workshop on Spectro photometry and and Chromatography	Participated	20-06-2016	Department of Chemistry, Sir.C.R. Reddy (A) College-Eluru, West Godavari Dist, A.P, National
06	Environmental Protection and Sustainable Development, Issues and Challenges.	Carcinogenic Dyes from Textile effluents by using activated carbon prepared from Agricultural waste.	22-09-2016 to 23-09-2016	Departments of Chemistry, Botany and Zoology, Sir.C.R. Reddy (A) College- Eluru, National
07	Drinking Water Quality in Rural India : Challenges and Remedies	Participated	21-12-2016 to 22-12-2016	Sir.C.R. Reddy Engineering College, Eluru, West Godavari Dist, A.P, National
08	National Workshop on Space Dynamics	Participated	04-10-2017 to 06-10-2017	Sir C R Reddy (A) College, Eluru, West Godavari Dist, A.P, National
09	World Space Week	Participated	04-10-2017 to 10-10-2017	Sir C R Reddy (A) College, Eluru, West Godavari Dist, A.P, National
10	3 Day Regional level Interactive Workshop on English-Reading and Writing skills for English and Non-English Faculty	Participated	09-11-2017 to 11-11-2017	Sri Chitturi Indraiah Memorial Government Degree College, Tanuku and DRC, West Godavari, AP, Regional
11	Faculty Development Workshop on “Practicals of Green Chemistry(Cluster)” for Lecturers	Participated	63-01-2018	AG&SG Siddhartha Degree College, Vuyyuru, Krishna Dist, AP, State Level
12	International Conference on Materials for Energy and Environmental Protection	Studies On the Quality of Ground waters.	12-02-2018 to 13-02-2018	Sir C.R.Reddy College, Eluru, West Godavari, AP, International
13	International Conference on Materials for Energy and Environmental Protection	A Study of Water Harvesting and Management.	12-02-2018 to 13-02-2018	Sir C.R.Reddy College, Eluru, West Godavari, AP, International

S. No	Name of the Seminar/Workshop/FDP	Participated/Name of the paper presented	Year and Date	Venue/National/ International
14	Conservation of Biodiversity : Issues and Challenges	Participated	26-02-2019	Departments of Botany and Zoology and Fisheries, Sir.C.R.Reddy (A) College- Eluru, National
15	7 Days Faculty Development Program On Recent Trends in Teaching Learning Methodologies Using ICT in Higher Education Institutions	Participated	24-10-2019 to 30-10-2019	Sir C.R.Reddy College, Eluru, West Godavari, AP, State Level
16	International Conference on Advances in Physics, Electronics & Chemical Sciences-2020	Development and Validation of RP-HPLC Method for the estimation of Oxytetracycline in bulk and Pharmaceutical dosage forms.	27-02-2020 to 28-02-2020	Sir C.R.Reddy College (Aided & Autonomous), Eluru, International

5. Academic Contribution and Research and & Consultancy

5.1 Articles/Chapters published in Books :

S.No	Name of the Course	Chapter	Publisher Name
1.	Proceedings of the International Conference on Advances in Physics, Electronics & Chemical Sciences-2020 ISBN 978-81-944859-6-4	Chapter:EP058A Development and Validation of RP-HPLC Method for the estimation of Oxytetracycline in bulk and Pharmaceutical dosage forms.	Sir C.R.Reddy College, Eluru in Collaboration with IMRF Institute of Higher Education & Research, Vijayawada.

5.2 Research Interests : Analysis of Water and HPLC, GC & FTIR Instrumental techniques.

5.3 Papers published in reviewed Journals:

S. No	List of Authors	Title of the Paper	Journal Name Vol. No. PP	ISBN/ ISSN No.	Impact Factor/ Citation Index	National/ International
1.	1. Dr. T.V. Naga Lakshmi 2.Dr.K.A.Emmanuel 3.V.A.N.Satish 4.Sri K.Johar 5. Sri D.S.Pavan kumar	Removal of Carcinogenic Dyes from Textile effluents by using activated carbon prepared from Agricultural waste.	International Journal of Engineering Research-Online(IJOER) Vol.4.S2.2016 PP.107-112	ISSN: 2321-7758	5.716	International

2.	1.Dr.K.Srikanth 2.Dr.K.Ramesh Raju 3. Sri D.S.Pavan kumar	Studies On the Quality of Ground waters.	International Journal of Engineering and Science Invention(IJESI) Vol.2.PP.25-31	ISSN (online) : 2319-6734 ISSN (Print): 2319-6726	5.962	International
3.	1.Sri D.S.Pavan kumar 2.Dr.K.A. Emmanuel 3.Sri T.Subrahmanyam 4..Dr.B.S.N. Murthy	Development and Validation of RP-HPLC Method for the estimation of Oxytetracycline in bulk and Pharmaceutical dosage forms.	Engineering Sciences International Research Journal Volume 8 Issue1(2020) PP.67-70	ISSN : 2320-4338	2.54	International

5.4 Papers presented at National / International Conferences:

S. No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	Comparative Study on Adsorption of Cu(II) from Aqueous Solutions on Various Activated Carbons.	National Seminar on Green Chemistry – Its impact on Environmental protection	National	2014
2.	Removal of Carcinogenic Dyes from Textile effluents by using activated carbon prepared from Agricultural waste.	Environmental Protection and Sustainable Development : Issues and Challenges	National	2016
3.	Studies On the Quality of Ground waters.	Materials for Energy and Environmental protection	International	2018

4.	A Study of Water Harvesting and Management.	Materials for Energy and Environmental protection	International	2018
5.	Development and Validation of RP-HPLC Method for the estimation of Oxytetracycline in bulk and Pharmaceutical dosage forms.	International Conference on Advances in Physics, Electronics & Chemistry - 2020	International	2020

5.5 Sponsored research Projects:

S.NO.	TITLE	AGENCY	PERIOD	GRANT AMOUNT	ONGOING/ COMPLETED
1.	Simultaneous Determination of Palonosetron and Netupitant in Spiked Human plasma by RP-HPLC Method	Seed Money given by Sir C.R.Reddy Educational Institutions, Eluru. As Principal Investigator	2019	40,000	Completed

6. Motto: The Wonder of teaching is watching Caterpillars becomes butterflies.