

CURRICULUM VITAE

PALLE MALLESWARAREDDY,,M.Sc.,Ph.D.

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CAREER OBJECTIVE

To obtain a challenging position in a high-quality research and development environment, where my resourceful experience and academic skills will add value to organizational operations.

EXPERIENCE

1. Worked **Research Scientist** in **Seine Pharma Pvt Ltd** located in Hyderabad since October-2021 to April-2023.
2. Worked as **Lecturer (part-time)** at department of Organic chemistry in P.V.K.K PG College, anantapuram from December-2018 to November-2020.
(2years)

EDUCATION

Ph. D:June-2021

S.K.University-Anantapuram,A.P.India

My doctoral degree entitled “**Synthesis Characterization and Biological evaluation of Metal-New Schiff base complexes**” (**Schiff Bases are Derived from 2-Amino-2-Ethyl-1,3-Propanediol**).

APSET: Qualified **APSET-2018** conducted by AndhraUniversity,Vishakapatnam,A.P.INDIA.

Master of science :Analytical chemistry(**73%**) – April-2013

S.K.University-anantapuram,A.P.India.

Bachelor of Science: Bio-tech (**70%**)-July-2010

SV degree college,Banaganapalle.Kurnool.A.P.India

Intermediate:Bi.P.C (73.6%)-Jun-2007

K.G.R.JuniorcollegeBanaganapalle,Kurnool.A.P.India.

High School (79.6%) May-2004

Z.P.H.SchoolM.Uppalapadu.Owk, Kurnool. A.P.India.

TECHNICAL SKILLS

1. **Scifinderⁿ**
2. **M.S.Office.**
3. **Chemdraw.**

RESPONSIBILITIES

1. Synthesis of **Peptides** in milligrams to grams scale by the application of various named reactions and multistep synthesis according to standard operating procedures.
2. Synthesis of impurity standards.
3. Identification of organic compound by TLC with different strains.
4. Solvent extraction and separation of compounds by column chromatography. Prep-TLC.
5. Structural elucidation of organic compounds by NMR, Mass, IR, HPLC, GC-MS.

Reagents and reactions handled

- 1) Coupling reagents EDC, DCC and TBTU
- 2) Reductive amination by NaCNBH₄.
- 3) Oxidizing agents like K₂Cr₂O₇, DDQ, SeO₂, Swern oxidation, PCC, PDC and MnO₂.
- 4) Reducing agents like Pd/C, NaBH₄, Fe/NH₄Cl and Zn/H₂.
- 5) Alkylation and dealkylation.
- 6) Acylation and deacylation.
- 7) Protection and deprotection of amines with Boc and Fmoc.
- 8) Protection and deprotection of acids as methyl and benzyl esters.
- 9) Aromatization through Sulphur.

ACHIEVEMENTS

1. 5th Rank in R-CET-2016

2. School Topper in SSC
3. Member in hostel working committee appointed by S.K.University.Anantapuram.
4. Member of kabaddi teamwinners in **Inter School Zonal Kabaddi Tournament**held at sanjamala, Kurnool district in 2003.

RESEARCH PUBLICATIONS

1. Babu KS, **Reddy PM**, Naik VKM and Ramanjaneyulu K: **Synthesis and antibacterial screening of five new azomethine derivatives of 2-amino-2-methyl-1-propanol.***Int J Pharm Sci & Res* 2019; 10(9):4396-03. DOI:[10.13040/IJPSR.0975-8232.10\(9\).4396-03](https://doi.org/10.13040/IJPSR.0975-8232.10(9).4396-03)
2. Akkulanna S, **Malleswarareddy P**, Venkataraju RR, Kumar BC. HPTLC Fingerprints of Alcoholic Extracts of Phyllanthus species collected from Various Parts of Eastern Ghats in Andhra Pradesh,. *International Journal of Life science and Pharma Research.* March 2021.,11(2):74 -83. DOI: [10.22376/ijpbs/lpr.2021.11.2.L74-83](https://doi.org/10.22376/ijpbs/lpr.2021.11.2.L74-83).
3. K. PhaniRaja,^{a*} ShravyaPachipulusula^aand P. Malleswarareddy^b ; An efficient conversion of epoxides to thiiranes with thiourea catalyzed by nano crystalline $\text{SnO}_2/\text{Al}_2\text{O}_3$: *Heterocyclic Letters: Vol. 11; No.4; August-October; 2021; ISSN : (print) 2231–3087 / (online) 2230-9632.*
4. Ramamaohan G, Sreeramulu J, **Malleswarareddy P**, Nagaraju N, Raju D.Study of Interaction of Cadmium with Imine Derivative of 2-Amino-2 -Methyl -1-Propanol in DMF -Water System (40% V/V)..,*International Journal of Life science and Pharma Research.*March 2021,11(2):58-65.,DOI: [10.22376/ijpbs/lpr.2021.11.2.L58-65](https://doi.org/10.22376/ijpbs/lpr.2021.11.2.L58-65).
5. Naik VKM, Babu KS, **Reddy PM** and Latha J: FTMS-ESI Characterisation of ether extract of Azadirachta indica linn. obtained from Ananthapuram. Andhra Pradesh India.*Int J Pharm Sci & Res* 2019; 10(9): 4404-08.DOI:[10.13040/IJPSR.0975-8232.10\(9\).4404-08](https://doi.org/10.13040/IJPSR.0975-8232.10(9).4404-08)
6. Aravind kurnool,Karunasreemerugu,*,pachipulusushravya, and **p. malleswarareddy**, Synthesis, Biological Evaluation and Docking Studies of 1,2,4,5-Tetrasubstituted Imidazoles as Antibacterial Agents: Use of Niobia Supported Heteropoly Tungstate as an Efficient Reusable Catalyst;*Asian Journal of Chemistry; Vol. 33, No. 10 (2021)* <https://doi.org/10.14233/ajchem.2021.23181>

7. B. Rajasekhara reddy, **P. Malleswara Reddy**, G. Surendra Babu, V. Venkata Narayana and K. Sudhakar Babu, "Organo catalytic construction of novel pyrazol-2-indolinone derivatives" **Res. J. Chem. Environ.Vol. 26 (2) February (2022)**.
8. **MalleswarareddyP^a**, Babu^a KS, Naik^b VK, Ramu^b B, Reddy^b KM. Synthesis, characterization and anti-microbial activity of azomethine derivative of 2-amino-2-ethyl-1, 3-propanediol and it's metal complexes *European Journal of Biomedical*. 2021;8(2):183-91. DOI: <https://doi.org/10.17605/OSF.IO/SV69C>.
9. B.Ramu^{1*}, Dr.K.Sudhakarbabu¹, **P.Malleswarareddy²**and V.KrishnaMurthiNaik²; Synthesis, characterization, antifungal and antimicrobial studies of Schiff base derivative of 2-aminopyrimidineand it's metal complexes;*GIS SCIENCE JOURNAL. VOLUME 8, ISSUE 7, 2021:888-899*.DOI:**20.18001.GSJ.2021.V8I7.21.37619**.
10. B. Rajasekhara Reddy a*, **P. Malleswarareddy^a**, V. Venkata narayana^a and K. Sudhakar babu^b, Novel Synthesis And Characterization Of Process Related Impurities Of Ibuprofen *gisscience journal volume-8(8)-2021*; 408-426,DOI:**20.18001.GSJ.2021.V8I8.21.37797**.
11. Ramamohan G, **Malleswarareddy P**, Sreeramulu J, Babu KS, Chaithanya BR. Electro chemical studies of new schiff's base derivatives of vanillin. *The Pharma Innovation Journal* 2019; 8(6): 919-925.
12. Sreeramulu J, Nagaraju N, Ramamohan,**Reddy PM**, Rafiyuddin M. Synthesis, characterization and anti bacterial activity of 4-(1-hydroxy-2-methylpropan-2-ylimino) methyl)-2, 6-dimethoxyphenol.*European Journal of Biomedical*. 2021;8(2):198-204. DOI: [10.17605/OSF.IO/SG94X](https://doi.org/10.17605/OSF.IO/SG94X).
13. Naik VK, Babu KS, **Reddy PM**, Latha J. Evaluation of Phytocomponents from Ether Extract of Azdiractha indica by HPLC-Fame Method. *Asian Journal of Research in Chemistry*. 2018 Mar 1;11(2):400-4.

SEMINORS/WEBINARS ATTENDED

1. Presented a paper in two days national seminar on **ECAH-2018** held on 27th-28thJanuary 2018 at department of physics.S.K.University .Ananthapuram.
2. Presented a paper in national seminar on **Recent developments in applied Microbiology and bio chemistry** held on 30th-31st May 2018 at department of Micro biology .S.K.University .Ananthapuram.

3. Attended Nationallevel technical meet on '**Micro and Nano fabrication and characterisationtechniquies**', organized by department of physics, Kamaraj college, thoothukudi, Tamilnadu.
4. Participated in the SPSR National Webinar on '**HERBAL DRUGS IN THE MANAGEMENT OF LIFESTYLE DISORDERS IN THE TIME OF COVID-19**' organized by Society of Pharmaceutical Sciences and Research (SPSR) on 13th December 2020.
5. Participated in the SPSR National Webinar on '**ROLE OF PHARMACISTS FOR BEST THERAPEUTIC OUTCOMES**' organized by Society of Pharmaceutical Sciences and Research (SPSR) on 29th November 2020.

DECLARATION

I hereby declare that the above furnished information is authentic to the best of my knowledge.

(P.MALLESWARAREDDY)