

PUBLICATIONS 2021-22

ESCI indexed:

1. **Dr.A.Purnachandra Rao** published a paper of title “Poems: Triumph, Life Sans Art, Beloved’s Realm”, Literary Voice, ISSN: 2277-4521, Number: 13, Volume: 2, September 2021, pp: 343

Scopus indexed:

1. **PavaniPeddi**, Prasada Rao PTSRK, Nannapaneni Usha Rani, S Lakshmi Tulasi published a paper of title “Green synthesis, characterization, antioxidant, antibacterial, and photolytic activity of Suaeda maritime (L.) Dumort aqueous extract-mediated copper oxide nanoparticles”, Journal of Genetic Engineering and Biotechnology, ISSN: 1687-157X Volume: 19, Article: 131, August 2021, pp: 1-11 (ESCI)
2. **M. Prameela**, Dasari Venkata Lakshmi, Jithender Reddy Gurejala published a paper of title “Influence of Thermal Radiation on MHD Fluid Flow over a Sphere”, Biointerface Research in Applied Chemistry, ISSN: 2069-5837, Volume 12, Issue 5, 15th October 2022, pp.6978 – 6990, First published: 21.11.2021
3. **S.Lakshmi Tulasi**, Dr.P.Pavni, Dr.N.Usha Rani published a paper of title “Plant Based Biosynthesis of Copper Nanoparticles and its Efficacy on Seed Viability and Seedling Growth in Peanut (Arachis hypogaea Linn.)” Asian journal of chemistry, ISSN Number 9707077, volume 34, issue 2, Jan.2022, Page no: 415–422.
4. **N. Usha Rani**, P. Pavani and P.T.S.R.K.Prasad Rao published a paper of title “Facile Green Synthesis and Characterization of Titanium Dioxide Nanoparticles Using Kigelia africana (Lam) Benth., Aqueous Leaf Extract and its Antioxidant and Antibacterial Activity”, Asian Journal of Chemistry, ISSN:9707077, Volume 34, Issue 2, January 2022, pp: 409 - 414.
5. **T.Krishnasree**, Dr.P.Pavani published a paper of title “Suaeda Maritime(L.) Dumort Green Synthesis-Reduced nickel Oxide Nano-Particles for Antioxidant and Bacterial Activity” Journal of Experimental Biology and Agricultural Sciences, ISSN-2320-8694, Volume: 9, Issue: 6, pp.823-830, 30th December 2021.

6. **S.Lakshmi Tulasi**, VVSA Swamy published a paper of title “Development and validation of esomeprazole residue in domestic water by using reverse phase high-performance liquid chromatography” Indian Drugs, ISSN-0019-462X, Volume:58, Issue:10, pp:63-66, October 2021.
7. K Venkatarao, **G Sreedevi**, Y Nirmal Rajeev, S Cole published a paper of title “Structural, Morphological, and Optical Studies of ZnS-MoS₂ Nano composite via Hydrothermal Route” Physical Chemistry Research, ISSN: 2322-5521, volume: 10, issue: 2, pp: 293-300, June 2022.
8. K Venkatarao, **G Sreedevi**, YN Rajeev, BT Rao, S Cole published a paper of title “Impact of mn²⁺ ions on micro-structural, luminescence properties of zns-mos₂ nanocomposites for optoelectronics”, RASĀYAN Journal of Chemistry, Vol: 15, issue: 1, pp: 171-182, March 2022.
9. **S.Lakshmi Tulasi**, Dr P.Pavani, Dr.N.Usha Rani published a paper of title “Green adeptness in the synthesis and stabilization of copper nano particles using aqueous root extract of Schrebera swietenioides Roxb, and its catalytic application” Journal of medical pharmaceutical and allied sciences, ISSN: 2320–7418, Volume 11, Issue 1, pp. 4233 – 4240, JanFeb 2022.
10. **S.Lakshmi Tulasi**, Dr P.Pavani published a paper of title “Green synthesis of nanostructured zinc particles using aqueous leaf extract of schrebera swietenioides roxb. and their catalytic application in degradation of methyl orange, crystal violet dyes and chromium metal” International Journal of Applied Pharmaceutics, ISSN: 0975-7058, Vol 14, Issue 2, pp. 308-314, March 2022.
11. **S.Lakshmi Tulasi**, Swamy A.V.V.S, P.Pavani published a paper of title “Green synthesis of zinc oxide nanoparticles using schrebera swietenioides roxb., aqueous leaf extract and investigation of its effect on seed germination and plant growth on pigeon pea (Cajanus Cajan Linn.)” International Journal of Applied Pharmaceutics, ISSN0975-7058, Vol14, Issue2, Page no 193-199, March 2022.

b. Books/Book chapters:

1. Dr.Sandhyacole, **Dr.G.Sreedevi** published a book on "Effect of Transition Metal Ions on CdSZn₃(PO₄)₂ Nanophosphors under Hydrothermal treatment” on july 2021, ISBN:978-93-90631-72-8,Paramount publishing house, Hyderabad-500 072

2. **Dr. M. Srilakshmi** published a book chapter of title “2021 Virtual World - A Concomitant of Outdated World”, *New Directions in Post Colonial Literature*, Vol-II, ISBN: 978-81-936088-6-9, Delhi Meerut Glasgow (U. K.), PP. 74-81,2022.

c. Others:

1. K. Raghava Rao, D. Sateesh Kumar, Mohiddin Shaw, **V. Sitamahalakshmi**, published a paper of title “Energy Efficiency Analysis of LoRa and ZigBee Protocols in Wireless Sensor Networks”, *RevistaGeintec-GestaoInovacao E Tecnologias*, ISSN: 2237-0722, Vol.:11, No.: 4, July 2021
2. **M.Rudrama Devi**, published a paper of title “Identity crisis in the works of Bharathi Mukherjee”, *Research journal of English*, ISSN: 2456-2696, Vol:6, Special Issue: 1, September 2021, pp: 158-161
3. **AlapatiPurnachandra Rao**& G Nageswara Rao,published a paper of title “Victimization of the 'other' Gender in ShobhaDe's Second Thoughts”, *International Journal Of English: Literature, Language & Skills*, ISSN 2278-0742, Volume 10, Issue 3, October 2021, pp.:37-43
4. **P.LakshmiLavanya**, B.Karuna, published a paper of title “Familial conflicts in the novels of NayantaraShagal”, *International journal of trends in English language and literature*, ISSN: 2582-8487, Volume-1, Issue-3, December 2021, pp.57-70.
5. **Sk.Rehena**, N.Vineela, R,V,Nagalakshmi, published a paper of title “Emergence of technology in learning online communication classroom through news paper activities”, *International journal of trends in English language and literature*, ISSN: 2582-8487, Volume.2, Issue.4, December 2021, pp.94-96
6. **Sk.Rehena**, R,V,Nagalakshmi, N.Vineela, published a paper of title “Projection of self estrangement in manjukapursthe immigrant, *International journal of English and studies*, ISSN: 2581-8333, Volume.3, Issue.12, December 2021, pp.115-118
7. **A.SatyaPhaniKumari**, A.Bhargav Sai Krishna, published a paper of title “MASTERY-An idealogical treasure of thoughts”, *International journal of innovative research in technology*, ISSN: 2349-6002, Volume.8, Issue.7, December 2021, pp.503-50
8. Dr.Sunitha Yedla, Kurra Umamahesh, **M.Rudramadevi** published a paper of title “Teaching and learning process of English for student-teachers: a pilot study” *International journal of ELT, linguistics and comparative literature*, Volume: 9, Issue 6, 2021, Oct-Dec 2021, ISSN: 2455-0302, pp: 1-9.

9. **M.Shyam Sundar** published a paper of title “Smartphone assisted learning to enhance English language skills for GRE, TOEFL & IELTS”, International journal of early childhood special edition, ISSN: 1308-5581, Vol.:14, Issue: 03, June 2022, pp.:2468-2472