

Faculty Publications 2019-2020

Dr.P.Padmaja, “An initial-value technique for self-adjoint singularly perturbed two –point boundary value problems” International Journal of Applied Mechanics and Engineering Vol. 25, No.1, Feb 2020, ISSN- 23539003-17344492, Page No: 106-126.

Dr.R.Chudamani, “Rings of quotients with Semirings and Semi groups” International journal of Advanced Science and Technology, Vol.29, Issue: 7 June 2020 ISSN: 2005-4238, Page No: 10047-1005.

Dr.M.V.Satyanarayana, “Architecture and Formation of Unmanned Ground Vehicle - Journal of Critical Reviews” Vol.7, Issue: 12, June 2020 ISSN: 2394-5125, Page No: 451-455.

Y.Pavani, “Architecture and Assemble of Farming Robot” in the journal of test Engineering and Management Vol:83, June 2020, ISSN:0193-4120.Page no:22558 - 22563 .

Ch. Murali Mohan, “Study of Electromagnetic Properties with the Change of Hardness of the Water” International Journal of Advanced Science and Technology Vol: 29, Issue: 5 June 2020, ISSN: 2005-4238, Page No: 11414-11419.

Dr.V.Seetha Maha Lakshmi, “Design and Fabrication of Robotic Arm” International Journal of Control and Automation Vol: 13, Issue: 2 June 2020 ISSN: 2005-4297, Page No: 974-981.

Sk.Rehena, “Delineation of Padmini with a new wave: Against the Social Customs by Girish karnad” International Journal of Advanced Science and Technology Vol. 29, No. 05, (2020), ISSN: 2005-4238, Page No. 10643 – 10646.

Dr A.Purnachandra Rao published a paper titled, “Design and Development of Hand Gesture Controlled Robot” in the peer reviewed open access International journal, 'International Journal of Control and Automation', Volume. 13, No. 4.(2020) May, 2020, ISSN- 2005-4297, pp. 619-625.

Dr. A. Purnachandra Rao published a paper titled, “Disintegration of Familial Relationships in Upamanyu Chatterjee's 'The Last Burden’ in the peer reviewed open access International journal, 'Journal of Critical Reviews'. Vol 7, Issue 6, April, 2020, ISSN- 2394-5125, pp. 849-851.

M.Prameela has published a paper on “Analysis of boundary layer theory on fluid dynamics with completehydro dynamics” in International journal of advanced science and technology, volume 29 issue:5, April 2020 , Issn no:2005-4238 s,page:950-957.

Mrs.Sk.Rehena published an article entitled "Focal points on the usage of listening skills in second language classroom " in purakala UGC care list journal Vol- 31,issue 15 April-2020. issn no. 0971-2143 pg no: 168-173.

P.Lakshmi Lavanya published a paper entitled “Intellectual principles in Girish Karnad’s play Tughlaq” in IJOES(International journal of English and studies) VOL-2,Issue-3,May 2020. ISSN:2581_8333. page no.11 to 16.

P.Lakshmi lavanya published a paper entitled “Quest for cultural values in the play Tughlaq of Girish Karnad” in purakala is an UGC CARE Journal VOL-31,Issue-15,April,2020. ISSN:0971-2143 page no.155 to 160

Mrs.A.Satya Phani Kumari published her paper titled “ Activity Based Learning An Effortless Way to Learn Second Language ” as a book chapter in the book “Language Teaching Literature and Linguistic Practices ESL/EFL Strategies in the Lambert Academic Publishing, Beau Bassin, Mauritius with ISBN no: 978- 620-0 -50110-3.page no:64-79 Jan.2020

Sk.Rehena published paper titled “Overview Of English Language Teaching – Learning Process” as a book chapter in the book “Language teaching literature and linguistic practices ESL/ EFL Strategies in the Lambert Academic Publishing, Beau Bassin, Mauritius with ISBN no: 978- 620-0 -50110-3 page no:87-98 Jan.2023.

P. Lakshmi Lavanya published a paper entitled " a critical perspective on Carol shields novel unless” in An International Peer- Reviewed English Journal ISSN: 2456-2696,RJOE publications, Impact Factor: 4.845 (SJIF) , Issue-1 Vol-5page no :1-5, Jan.2020.

Dr. N. Usha Rani, Dr.P. Pavani and S.L.Tulasi published a paper title “Green Synthesis of Nickel Nano particle’s using Streptococcus foetide leaf extract and application of antioxidant, photo catalytic and antibacterial activity” in the Journal of Indian Chemical Society Vol:96 Issue:11 Page No:1403-1408 ISSN:0019-4522 Index; Web of Science Dec.2019.

V.Siva naga malleswari, published a paper titled “ Depiction of Intuitionistic Fuzzy soft Linear Spaces ”in International Journal of Engineering and Advanced Technology(IJEAT),Volume-9, ISSUE-1S5, Pages:245 - 249 ISSN: 2249- 8958,Index:Scopus, December,2019.

T.Pulla Rao Published a Paper title“ Synthesis and Electrical properties of Lead Free piezo Electrics for Magneto Electric Applications” in the I O P Conference series Journal of Physics Vol :577,Issue:2019(012067) Page No:1-6,ISSN 1757- 899x Indexed : Scopus,Dec.2019.

G.Sreedevi, published a paper of title ‘Effect of TiO₂ doping on Structural and Optical properties of CdSZn₃ (PO₄)₂ Nano composites” in Applied Physics A (2019) 125:741 <https://doi.org/10.1007/s00339-019-3037-3> springer link sci indexed with impact factor 1.78

Dr. N.Usha Rani published a paper entitled “Aluminium Hydroxide Gel and its Derivatives using Removal of Florides from Drinking Water” in the Engineering Sciences International Research Journal, Volume: 7, issue: 2, P. No: 73 to83, ISSN: 2320-4338, OCT 2019.

Sk. Rehena published an article entitled "Digital Learning Plays a Key role in the improvement of Education for Posterity" in the International Research Journal, Think India (UGC listed journal), Volume: 22, issue: 4, P. No: 1018-1022, ISSN: 0971-1260, October 2019.

K.Kiran Kumar published a paper on "Prologue to Linear Algebra" in "International Journal of Innovative Technology and exploring Engineering (IJITEE)", ISSN: 2278-3075, volume-8, Issue-6s4, Pg: 602-605, April-2019.

Mrs.A.S.Phani Kumari published a paper titled "Centrifugal Perspectives in Chinua Achebe's Novels" in the UGC listed international journal, ACIELJ on September 2019, Volume 2, and Issue 3

G. Sridevi, Published a Paper title "Synthesis and Characterization of CdS- Zn₃ (PO₄)₂ Nano composite via Hydrothermal Method" in AIP Conference Proceedings Volume:2115, Page no:030155-1-030155-4, July 2019 in AIP Publishing of Scopus Indexed journal. This 63rd DAE Solid state physics symposium held at Guru J.Jambheshwar University of Sci& Tech, Hisar Haryana organised by Bhabha Atomic Research Center Mumbai.

G. Sridevi, Paper on "Sol-gel Synthesis of pure and TiO₂ doped CdOFePO₄ Nano composites and Investigation of their Structural and Optical Properties" accepted in Journal of Materials Science in Semiconductor Processing (ELSEVIER with Impact factor:2.83) in volume 102, November 2019.

Sk.Rehena published an article entitled "Enlightenment on Enhancement of Language Skills" Anveshana's International Journal of Research In Education, Literature, Psychology And Library Sciences (AIJRELPLS) Volume 4, Issue 2 Pg no 41-45. ISSN-2456-3897 July.2019

T.Preethi Rangamani published an UGC approved Journal paper titled "Water quality modelling and pollution analysis of Krishna river canal network bandar canal in Vijayawada.", in the International Journal of Reaserch and analytical reviews. Volume 6, Issue 2, Page No: 697-704 , ISSN: 2348-1269. June 2019.