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DEPARTMENT OF MATHEMATICS
PUBLICATIONS ,PATENTS,AWARDS

1. Dr.P.Obulesu Publications

1.A paper titled "To find the comparison of Diameter and Density of an Interval graph towards Dominating sets"has been authorized and published bypublished by **P.Obulesu**(myself) and and the Co-Authors**Dr.A.sudhakaraih (Professor)** & K.Ramakrishna, in "North Asian International Research Journal of Science,Engg. & IT , Vol.2,issue 8 august 2016 with ISSN no.2454-7514 with **Impact Factor 3.821**
2. A paper titled "Some Relations on degree of Vertices in the Dominating set of the intervalGraph *G*"by using the Euclidian Division algorithm" has been has been authorized and published by **P.Obulesu**(myself) , **Dr.A.sudhakaraih (Professor), Talluru Venkateswarlu & Kuda Narayana**, in " Journal of Engineering Sciences(JES) , Vol.10 ,issue 11 November 2019 with ISSN no.0377-9254 with **the Impact factor 6.54**
3. A paper titled "Complimentary Dominating set of an intervalGraph using Euclidian Division algorithm" has been authorized and published by **P.Obulesu**(myself) and the Co-Authors **Dr.A.sudhakaraih (Professor), Talluru Venkateswarlu** in " Journal of Xidian University, an UGC-CARE approved Group2 Journal , Vol.14 ,issue 6 ,2020 with ISSN No.1001-2400 with the **Impact factor 5.4**
4. A paper titled **"Sum of the Degrees of an Interval Graph using Euclidian Division Algorithm"** has been authorized and published by **P.Obulesu**(myself) and the Co-Authors **Dr.A.sudhakaraih (Professor), Talluru Venkateswarlu** in " Strad research Journal, an UGC-CARE List approved Group2 Journals , Vol.7 ,issue 7, July 2020 with ISSN No. **0039-2049** with the **Impact factor 6.1**

2.Smt S.Lalitha Publications

1.A paper titled "**Some Commutativity Results For s-Unital Rings Satisfying Polynomial Identities**"Published by **S.Lalitha**(myself) in International Journal of Mathematics Trends and Technology(IJMTT).ISSN:2231-5373 Vol.66 issue10 .20-23 october2020
2.Apaper titled"**Lie Ideals and (α,1) derivatives of *-Prime rings"**Published by **S.Lalitha**(myself) In XXIX Congress of APTSMS&National conference on Mathematics and its Applications (NCMA-2020) December-3-5-2020,Conference proceedings pg no 54
3.A paper titled "**ON COMMUTATIVITY OF PRIME RINGS WITH DERIVATIONS**" Published by **S.Lalitha**(myself) in International journal of Advanced Trends in Engineering,Science and Technology(IJATEST)ISSN:2456-1126 Presented a paper in National Conference on Recent Applications in Mathematical Sciences(NCRAMS-2020) Conference Proceedings of Abstracts pg no:10,dec2020
4..A paper titled"**Multiplicative (Generalized(α,β) Derivations Acting as Homomorphism and Anti-Homomorphism in Prime Rings** Published by **S,Lalitha**(myself) in AEGAEUM JournalAn UGC-CARE Approved Group –II Journal, ISSN:0776-3808 VOL9 issue6, june2021,cite score 0.2
5..A paper titled"**Generalized Skew reverse derivations in Semi prime Rings**" published by **S.Lalitha** (myself) in Compliance Engineering Journal An UGC-CARE Approved Group-II journal ISSN :0898-3577pg 82-87 vol12,issue7 July 2021
6.. A paper titled **"On Ideals and Multiplicative (Generalized)-(Φ,Φ)-Derivations** published by **S.Lalitha**(myself) in International Journal of Mathematics And its Applications (IJMAA)ISSN:2347-1557 9(4)2021 pg no 53-57
7. A paper titled "**Non-Associative rings and Algebras**" published by **S.Lalitha**(myself) in AIJREAS ,Vol3-ıe-2 Feb 2018,ISSN:2455-6300(Online)pg 128 -134
8..A paper titled "**On Generalized left derivations As Homomorphisms and Anti-Homomorphisms** published by **S.Lalitha**(myself) in International Journal of Mathematical Sciences and Engineering Applications(IJMSEA) ISSN:0973-9424 vol.15 no.II (December2021) pg no 11-16 Global Impact Factor:0.5650
9.A paper titled"**On Multiplicative (Generalized)Left Derivations in Prime and Semi Prime Ring**"Published by **S.Lalitha**(myself) In 1st International Conference on Essence of Mathematics and Engineering Applications:(ICEMEA-2021)during 29-30 Dec2021in Proceedings ICEMEA-21-002.

3.Dr Y.Dastagiri,Publications

1.A paper titled "Influence of an inclined magnetic field and radiation on unsteady free convective flow of a fluid through a porous medium in a channel with adiabatic ""has been authorized and published by by **Y.Dastagiri** (myself) and and the CoAuthor **R.Sivaprasad (Professor)** in " International Journal of Applied Engineering Research "ISSN 0973-4562 Volume 14, Number 7 (2019) pp. 1466-1473 .
2. A paper titled "Multivariate Convective Heat And Mass Transfer Past A Vertical Plate Through A Porous Medium In Conducting Field" has been authorized and published by **Y.Dastagiri**(myself) , **R.Sivaprasad (Professor), in "Journal of Emerging Technologies and Innovative Research (JETIR) © 2019 JETIR April 2019, Volume 6, Issue 4 (ISSN-2349-5162**
3. A paper titled "**Radiation Absorption and Chemical Reaction Effects on MHDRadiative Heat Source/Sink Fluid Past a Vertical Porous Plate "** has been authorized and published by **Y. Dastagiri** (myself) and the Co-Authors **R. Sivaprasad (Professor), M.obulesu** in "Journal of Engineering Research and Application "ISSN : 2248-9622 Vol. 9,Issue 5 (Series -II) May 2019, pp 77-87
4. A paper titled "Multiple Variables Effect On MhdTransient Flow Past A Plate" has been authorized and published by Dr.**Y.Dastagiri**(myself) , **M.Obulesu, in "**AEGAEUM JOURNAL ISSN NO: 0776-3808" .
5.A paper titled " Numerical Study Of Natural Convection In A Square Cavity With Magnetic Field And Semi Circular Heat Source Of Different Orientations **''** has been authorized and published by **Y.Dastagiri** (myself) , **R.Sivaprasad (Professor), M.Obulesu in "**Journal of Xidian University VOLUME 14, ISSUE 5, 2020ISSN No:1001-2400 .

AWARDS

1.P.Obulesu,Lecture in Mathematics and 2.Y.Dastagiri, Lecturer in Mathematics Awarded with P.hD