

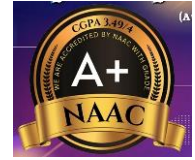
## 19. Papers Published and Presented by Faculty, Dept. of Mathematics, BEC

### *Papers published:*

*Total number of Research Papers published for the last ten years:102*

*Total number of research Papers published in the A. Y 2023-24:12*

- (1). **K.V.L.N.Acharyulu, G. Basava Kumar, M.N.Srinivas.** An Investigation On Diffusion And Stochastic Analysis Of A Significant Three-Species Ecosystem Mathematical Model, Conference Proceeding of 2nd International Conference On Recent Trends in Civil Engineering, Science and Management, Guru Gobind Singh College of Engineering & Research Centre, Indira Nagar, Nashik, Maharashtra, 22-03-2024 to 23-03-2024, ISBN: 978-93-91535-58-2, Page No: 234-249
- (2). **K.V.L.N.Acharyulu, G. Basava Kumar, M.N.Srinivas,** An Investigation On Local Stability And Global Stability Of A Significant Three-Species Ecologica Model, Conference Proceeding of 2nd International Conference On Recent Trends in Civil Engineering, Science and Management, Guru Gobind Singh College of Engineering & Research Centre, Indira Nagar, Nashik, Maharashtra, 22-03-2024 to 23-03-2024, ISBN: 978-93-91535-58-2, Page No: 452-465
- (3). **N. Rafi, Y. Monika Archana, Ravi Kumar Bandaru and Aiyared Iampan,** On Prime E-ideals of Almost Distributive Lattices, Int. J. Anal. Appl. 21-85,2023, 1-2 , (Scopus Indexed Journal)
- (4). **M. Murali Krishna Rao, N. Rafi and Rajendra Kumar Kona,** A Study On Ideal Elements In Ordered Gamma-Semirings, Discussiones Mathematicae General Algebra and Applications, 43, 2023, 249-261 (Scopus Indexed Journal)
- (5). **N. Rafi, R. Vasubabu, R.V.N. Srinivasa Rao and Y. Monikaarchana,** On Fuzzy Closure filters of Decomposable Stone Almost Distributive lattices, Asia Pacific Journal of Mathematics, 10-40,2023,1-19, (Scopus Indexed Journal)
- (6). **Marapureddy Murali Krishna Rao, Noorbhasha Rafi,** On interval valued fuzzy prime ideals of Gamma-semirings, Annals of Communications In Mathematics,7, 1,2024, 10-20,



(7). **R. Vasu Babu , N. Rafi , R.V.N. Srinivasa Rao, Y. Monikarchana , Shaik Mohiddin Shaw**, D-divisibility of Almost Distributive Lattices, Asia Pacific Journal of Mathematics, 11, 24, 2024, 10 Pages, (Scopus Indexed Journal)

(8). **Marapureddy Murali Krishna Rao, Rajendra Kumar Kona, Noorbhasha Rafi**, Fuzzy Soft Tri-Ideals Over  $\Gamma$ -Semirings Annals Of Communications In Mathematics, 6, 4, 2024, 225-237

(9). **Marapureddy Murali Krishna Rao, Rajendra Kumar Kona, Noorbhasha Rafi**, Fuzzy (soft) tri-quasi ideals of  $\Gamma$ -semirings, Annals of Fuzzy Mathematics and Informatics, 27, 2, 2024, 121-134,

(10). **Rafi Noorbhasha, Ravikumar Bandaru , Aiyared Iampan**, On sigma-Prime Spectrum of Almost Distributive Lattices, European Journal of Pure and Applied Mathematics, 17, 2, 2024, 1094-1112\_(Scopus Indexed Journal)

(11). **Noorbhasha Rafi , Ravikumar Bandaru , Prashant Patel , Rahul Shukla**, Consistent Ideals of Pseudo-Complemented Almost Distributive Lattices, Asia Pacific Journal of Mathematics, 11, 42, 2024, 20 Pages(Scopus Indexed Journal)

(12). **Ravikumar Bandaru , Prashant Patel , Noorbhasha Rafi , Rahul Shukla , Suryavardhani Ajjarapu**, Normal Paradistributive Latticoids, European Journal of Pure and Applied Mathematics, 17, 2, 2024, 1306-1320, (Scopus Indexed Journal)

### *Papers Presented:*

*Total number of Papers Presented for the last ten years :36*

*Total Number of Papers Presented in the A. Y 2023-24 : 05*

(1).**Dr.K.V.L.N.Acharyulu** “An Investigation On Local Stability And Global Stability Of A Significant Three-Species Ecologica Model”,International Conference on Recent Advances in Science, Engineering, Technology and Management [ICRASET-2024]” held on 22nd - 23rd March 2024 organized by Shri Ambabai Talim Sanstha’s Sanjay Bhokare Group of Institutes, Miraj.

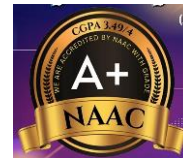
(2).**Dr.K.V.L.N.Acharyulu** “Investigation On Diffusion And Stochastic Analysis Of A Significant Three-Species Ecosystem Mathematical Model”, 2nd International Conference on Recent Trends in Civil Engineering, Sciences and

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Management(ICRTCSM-2024) held on 28th – 30th March, 2024 organized by Guru Gobind Singh Foundation's Guru Gobind Singh College of Engineering & Research Centre, Nashik

(3). **Dr. P. Vijaya Saradhi** “ A Lowe Bound for Complete iterated congraph of  $C_{2k-1}^1$ ” in the International Conference on Emerging Trends in Mathematics and Scientific Computing (ICETMSC'24), Department of Mathematics and Statistics, School of Applied Science and Humanities at Vignan's Foundation for Science, Tecnology and Research(Deemed to be University), Andhra Pradesh, from 13<sup>th</sup> June to 15<sup>th</sup> June, 2024

(4). **Dr. P. Vijaya Saradhi** " An Innovative Ideal for Constructing a Graph with a Specified Domination Number and Maximal Domination Number " in 5<sup>th</sup> online/offline Mega International Conference on “Continuity, Consistency and Innovation in Applied Sciences and Humanities”(ICCIASH-2024), Department of Freshmen Engineering of St. Martin's Engineering College, Dhulapally, Secunderabad, Telangana, from 19<sup>th</sup> June to 20<sup>th</sup> June, 2024,

(5). **Dr.Noorbhasha Rafi** “D-divisibility of Almost Distributive Lattices”, in First International Conference On Recent Advances In Applied Sciences And Engineering (ICRAAE-2023), organized by Department of Basic Science held on 22 - 23 December 2023 at SVECW(A), Bhimavaram, India.

**-Dept. of Mathematics**