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(Department of Engineering Mathematics and Computing)



RESEARCH PAPERS PUBLICATION IN JOURNALS (2022- 2023)

| S. No. | Title of paper | Name of the Author/s | Name of Journal | Year of publication | ISSN number | Link to Article & website of the Journal | UGC Care /Scopus/Web of Science/others |
|--------|--|--|---|---------------------|---|---|--|
| 1 | (p, q)-Analogue of Mittag-Leffler Function with (p, q)-Laplace Transform | Alok Jain, Altaf Ahmad Bhat2 , Renu Jain and Deepak Kumar Jain | Journal of Analysis in Theory and Applications Vol. 38, No. 3 (2022), pp. 351-360, September 2022 | 2022 | E-ISSN:1573-8175; Publication: Global Science Publication | https://doi.org/10.4208/ata.OA-2018-0014 | Web of Science and UGC list II |
| 2 | Study of Aleph-Function in Relationship with Natural Transformation | Kalpna Rajput, Rajshreemishra, Aarti Pathak, D.K. Jain , Farooq Ahmad | International Journal of All Research Education and Scientific Methods (IJARESM), Volume 10, Issue 9,p. 419-421 September-2022, Impact Factor: 7.429, | 2022 | ISSN: 2455-6211 | www.ijaresm.com | Google Scholar |
| 3 | Study of G –function in relationship with Fractional | Kalpna Rajput , Rajshreemishra , D.K. | International Journal of Enhanced Research in Science, Technology & Engineering Vol. 11 Issue 9, p. 42 | 2022 | ISSN: 2319-7463 | https://www.erpublishations.com/uploaded_files/download/kalpan | Google Scholar |
| 4 | A Note on Natural Transformation & Meijer's | Kalpna Rajput, Rajshreemishra, D.K. | International Journal of Mathematics and Computer Research Volume 10 Issue 02 | 2022 | ISSN: 2320-7167 | https://doi.org/10.47191/ijmcr/v10i3.06 | |
| 5 | Hartley transform of Fox-Wright and MittagLeffler functions in terms of Fox's H – function | Aarti Pathak, Rajshree Mishra, Altaf Ahmad Dar, D.K. Jain, Farooq Ahmad | International Journal of Enhanced Research in Science, Technology & Engineering Vol. 11 Issue 9, p.7-11, September-2022 | 2022 | ISSN: 2319-7463 | https://www.erpublishations.com/uploaded_files/download/aarti-pathak-rajshreemishra-altaf-ahmad-dar-d-k-jain-farooq-ahmad_oIXdl.pdf | UGC Approved journal |
| 6 | On Fractional Integral Inequalities Involving | Kalpna Rajput, Rajshree Mishra, D. K. | International Journal of Enhanced Research in Educational Development (IJERED) Vol. 10 | 2022 | ISSN: 2320-8708 | https://www.erpublishations.com/our-journals-dtl- | UGC Approved Journal |
| 7 | Certain quantum calculus operators associated with | Kalpna Rajput, Rajshreemishra , D.K. | International Journal of Enhanced Research in Educational Development (IJERED) Vol. 10 | 2022 | ISSN: 2320-8708 | https://www.erpublishations.com/uploaded_files/download/kalpan | UGC Approved Journal |
| 8 | Note on Dirichlet Averages of the S-function | Aarti Pathak, Rajshreemishra, D.K. | International Journal of Enhanced Research in Educational Development (IJERED) Vol. 10 | 2022 | ISSN: 2320-8708 | https://www.erpublishations.com/uploaded_files/download/aarti- | UGC Approved Journal |
| 9 | Integral Transform and Fractional Kinetic Equation | Aarti Pathak, Rajshreemishra, D.K. Jain, Farooq Ahmad, Peer Javaid Ahmad | Innovare Journal of Engineering & Technology, Vol.10, 16/1/2023,pp. 8-11, | 2022 | ISSN 2347-1573 | https://innovareacademics.in/journals/index.php/ijet/search/h/search?query=D+K+Jain&dateFromYear=&dateFromMonth=&dateFromDay=&dateToYear=&dateToMonth=&dateToDay= | Google Scholar |
| 10 | Design and Implementation of Low Power, High-Speed Configurable | Minakshi Dahiya , Sampath Kumar, Rahul Kumar, Gaurav | Journal of Circuits, Systems, and Computers, vol. 31, no. 17, August 2022 | 2022 | ISSN (online): 1793-6454 | https://www.worldscientific.com/worldscinet/jcsc https://www.worldscientific.com | Emerging Sources Citation Index (Web of Science) |

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| | Approximation 8-bit Booth Multiplier | Sharma and Somesh Kumar | | | | /doi/10.1142/S0218126622502966 | |
| 11 | Study of Production System and Repair System with Maintenance Policy | Jitendra Kumar, Vikas Shinde | Advances and Applications in Mathematical Sciences Volume 21, Issue 12, Pages 6871-6885, Oct 2022. | 2022 | ISSN 0974-6803 | https://www.mililink.com/journals/ia.php?id=59 | UGC |
| 12 | The Transportation of Maxwell Fluid in the Rotating and Stretching System: Rotor-Stator Spinning Disc Reactor Applications | Negi, Anup Singh ; Kumar, B. ; Kumar, Ashok ; Prachi ; Singhal, Abhinav; Ray, A. K. ; Chamkha, A. J. | Journal of Nanofluids, Volume 12, Number 3, April 2023, pp. 623-632(10) | 2023 | ISSN 2169-432X (Print); ISSN 2169-4338 (Online) | https://www.ingentaconnect.com/contentone/asp/ion/2023/00000012/00000003/art00003 | ESCI, WoS, Scopus, UGC Approved |
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| 14 | Effects of variation in salinity due to pollution on the dynamics of two competing species system in aquatic habitat | Divya Chaturvedi and O.P. Misra | YMER-An International Peer Reviewed Journal | 2022 | ISSN No: 0044-0477 | https://www.scopus.com/sourceid/27931 DOI:10.37896/YMER21.12/N9 | SCOPUS |
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