MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE
Department of Mathematics
STAFF ACHIEVEMENT

ACADEMIC YEAR- 2024-2025

Paper/book published

- ❖ Ms.E.Monavisalakshi Devi , HOD/ Maths published a paper on the topic on "Characterizations of neutrosophic ($\alpha\gamma$, βne) and neutrosophic $\alpha(\gamma,\beta)$- contra continuous functions in neutrosophic topological spaces in the Journal of Interdisciplinary Mathematics in Vol. 27 (2024), No. 5, pp. 1123–1132
- ❖ Dr.K,S.Araththi, AP / Maths published a paper on the topic " On Solving Cubic Equation $x^3+y^3 = 7(z-w)2(z-w)$ in Advances in Nonlinear Variational Inequalities" in 2024,Vol 27No. 2(2024)
- ❖ Dr.K.S.Araththi, AP / Maths published a paper on the topic " On the ternary cubic equation $x^3+y^3 = 2(z+w)(z-w)$ in Indian Journal of Science & Technology" in 2024, volume 17 , issue 33

FDP/Seminar/Conference/workshop attended

- ❖ Ms.K.Bhuvaneswari , AP/ Maths participated in two day online workshop on Factor analysis in Assessing Latent constructs in Research :Demonstration And Hands on Experience organised by IQAC, DB Jain college in collabaration with CEDAAR on 18th and 19th December 2024
- ❖ Ms.E,Monavisalakshi Devi , AP/ Maths presented paper in fourth International conference in Mathematical modelling and computational science organised by Society for intelligent systems held in Pattiya, Thailand 10th and 11th January 2025
- ❖ Ms.E.Monavisalakshi Devi participated in five days virtual faculty Development program on "Frontiers of Mathematics" organized by the IQAC & Department of Mathematics , Sri Kanyaka Parameswari arts & Science college for Women, Chennai from 19.02.2024 to 23.02.2024.
- ❖ Ms.K.Bhuvaneswari   participated in five days virtual faculty Development program on "Frontiers of Mathematics" organized by the IQAC & Department of Mathematics , Sri Kanyaka Parameswari arts & Science college for Women, Chennai from 19.02.2024 to 23.02.2024.

Other activities:NIL

Paper/book published

- ❖ V. Sivakumaranand Dr.K.Sankar, Dr. G. Sethuraman, Asso. Prof/Mathematics publisheda paper entitled, "DISTANCE MAGIC LABELING OF JOIN GRAPH" in theInternational Journal of Pure and Applied Mathematics Volume 109 No. 6 2016, 19-25.
- ❖ K.S. Araththi , Assist Prof/Mathematics published a paperentitled,"OnTernaryQuadratic Equation $x^2 + 4y^2 = 40z^2$" in the Global Journal ofResearchAnalysis",Volume5,issue8, August 2016.
- ❖ K.S. Araththi , Assist Prof/Mathematics published a paperentitled,"OnTernaryQuadratic Equation $2y^2 + xy = 4z^2$" in the "IndianJournalofAppliedScience",Volume6,issue9, September 2016.

Ph.D.Awarded:Nil
FDP/Seminar/Conference/workshop attended

- ❖ Ms.E.Monavisalakshi Devi,HOD/Maths participated in a international level virtual faculty Development program on "Modern Research Convergence in next genaration Computing" organised by the Department of Computer Science Engineering , Sri Krishna college of Engineering and Technology, Chennai from 18.12.2023 to 22.12.2023.

ACADEMIC YEAR- 2022-23

Paper/book published

- ❖ Ms.E.Monavisalakshi Devi, HOD/Maths published a paper on the topic   " Evolutionary game theory to predict the population growth in few districts of Tamilnadu and Kerala" in Measurement Sensors in 5th March 2023

Ph.D. Awarded

FDP/Seminar/Conference/workshop attended

- ❖ Dr.K,S.Araththi,AP participated in a five - day faculty Development program on "Recent Advances in applied Mathematics" organised by the Department of Mathematics , Sri Mankula Vinayagar Engineering College, Puducherry from 04.09.203 to 08.09.2023.
- ❖ Ms.E.Monavisalakshi Devi ,HOD/Maths   presented a paper on the topic   " Decision making Models: An approach from Game theory" in the4[th] International conference on Mathematical techniques and applications ICMTA-2023 organized by SRM University from 22nd March to 24th March.
- ❖ Dr.K.S.Araththi,AP presented a paper on the topic   "Integral solutions of Homogeneous Quadratic Equations " in the 4th International conference on Mathematical techniques and applications ICMTA-2023 organized by SRM University from 22nd March to 24th March.

Other activities

- ❖ Application of Mathematics in solving Engineering problems at KCG College of Technology on 3rd July 2023. Staff Added

ACADEMIC YEAR- 2021-22

Paper/book published

- ❖ Ms.E. MonaVisalakshi Devi, HOD/Maths presented a paper in the ICRDAS on the title "Solving the Assignment problem using completely Block design, Randomised Block design and Latin square : A comparative approach using R-Studio" on 15.07.2022 at Rajalakshmi Institute of Technology.
- ❖ Ms.E. MonaVisalakshi Devi, HOD/Maths presented a paper in the ICRTITA on the title "Solving the Assignment problem and Game theory using Graph theory "on 30.08.2022 at VelTech,Avadi
- ❖ Ms.K. Bhuvaneswari published a paper on the topic " An Experimental study and analysisof long term multi trending forecasting of stock indices using time series inferential statistical projection " Remittances Review in the month of November 2022
- ❖ Ms.E. MonaVisalakshi Devi, HOD/Maths published a paper in the title "Solving the Assignment problem using decision under uncertainty and Game theory: A comparative approach with Python coding" in the month of June 2022

Ph.D. Awarded

FDP/Seminar/Conference/workshop attended

- ❖ Ms.K.Bhuvaneswari participated Matlab Workshop on "NumericalModelling ,Optimization , Differential Equations, Fuzzy logic and Statistics " organized by Department of Mathematics, Hindustan University
- ❖ Ms.E. MonaVisalakshi Devi, HOD/Maths participated in two weeks online international FDP on the topic " Current trends in Application of Mathematics on 21.09.2022 to 04.10.2022 at Vel Tech, Avadi
  - ❖ Dr.K.S.Araththi participated a webinar in the title "How to do quality publications " organized by Department of Computer Science, Aalim Muhammed Salegh College of Engineering, Chennai on 27th August 2022

Other activities

- ❖ Application of Mathematics in solving Engineering problems at KCG College of Technology on 3rd July 2023. Staff Added