

AYSHA HADYA K

Assistant Professor, Department of Mathematics, Farook College (Autonomous)
Kozhikode, Kerala

Joining Date: 20-12-2021

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1. Education

Pursuing PhD in Mathematics, National Institute of Technology Calicut
M.Sc Mathematics, National Institute of Technology Calicut, 2015

2. Research Interest

Linear Programming, Multiobjective Linear Programming Problems, Data Envelopment Analysis

3. Teaching Interest

Operations Research, Calculus, Real Analysis, Linear Algebra

Teaching Experience

1. Assistant Professor on Contract, Department of Mathematics, Farook College, from 12/07/2017 to 22/12/2017.
2. Assistant Professor on Contract, Sullamussalam Science College Areekode, from 01/08/2015 to 31/07/2016.

Research Experience

Full Time Research Scholar, Department of Mathematics, National Institute of Technology Calicut (July 2018-December 2021)

4. Software Proficiency

MATLAB, TORA, LONGO, LaTeX

5. Research Publications

Articles in refereed/indexed/listed Journals

K Aysha Hadya, C M Sushama, 'A method for generating nondominated solutions of MOLP using DEA', AIP Conference Proceedings **2336**, 050005 (2021); <https://doi.org/10.1063/5.0045738>

6. Papers Presented in Seminar/ Conferences

International

Presented a paper entitled 'A method for generating nondominated solutions of MOLP using DEA' in "International Conference on Computational Sciences- Modeling, Computing and Soft computing" held online during September 10 -12,2020 organized by Department of Mathematics of National Institute of Technology Calicut, Kerala.

7. Conferences/Seminars/ Workshops attended

Conferences

Participated in “International Conference on Computational Sciences- Modelling, Computing and Soft computing” held online during September 10 -12,2020 organized by Department of Mathematics of National Institute of Technology Calicut, Kerala.

Workshops

1. Participated in a Three Day workshop on “Functional Analysis and Applications” organized by the Department of Mathematics, of National Institute of Technology Calicut, 6-8 November 2014.
2. Participated in 7 day workshop on “Solving Multiobjective Optimization Problems Using Deterministic & Stochastic Algorithms – Hands on Approach using MATLAB Optimization Toolbox ” conducted by Teaching Learning Centre, Coimbatore institute of Technology, 13 - 19 July, 2019.

8. Career Advancement

Orientation/Induction Programme

1. Participated in a Three Day Induction Programme for Newly Appointed Assistant Professors conducted by IQAC, Farook College(Autonomous), Calicut.
2. Participated in a Four week Faculty Induction Programme organized by UGC-HRDC, Doctor Harisingh Gour Vishwavidyalaya, Sagar, MP held during 15 July - 12 August 2022.

9. Conferences/Seminars/Workshops Organized

1. Co-ordinator, inauguration of “Seminar/Webinar series on Recent Trends in pure and applied Mathematics” organized by Department of Mathematics, Farook College

10. Extension Activities (Administration/Cocurricular)

1. Member, Education Select Committee, Farook College.
2. Executive member, Ladies Forum, Farook College.

11. Awards / Prizes Conferred

1. Junior Research Fellowship for pursuing P.hD.
2. Gold medal, MSc Mathematics, National Institute of Technology Calicut (2015)

12. Author profiles and identifiers

1. Google Scholar:
https://scholar.google.com/citations?view_op=list_works&hl=en&user=IBQqvBkAAAAJ
2. ORCID ID: <https://orcid.org/0000-0001-9036-6476>