



M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY
Siruganur, Tiruchirappalli 621 105.
(Approved by AICTE & Affiliated to Anna University)
FACULTY PROFILE

Name	K.HEMA	Email	hema.pragasri@gmail.com	<<Photo>>
Qualification	M.Sc.,M.Phil.,(Ph.D)	AU Faculty Code	8120082	
Designation	Associate Professor	Mobile Number	9942837864	
Area of Specialization	Operations Research	Experience at MAMCET	8 years 9 months	
Experience	21 Years 7 Months	Joining Date	16.04.2010	

Education Qualification

Degree	Name of the Institution	University	Year of Passing
Ph.D.	Anna University,Chennai	Anna University,Chennai	Reports received from experts.
SET EXAM	Mother Teresa University	Mother Teresa University	2017
M.Phil.,	Madurai Kamaraj University	Madurai Kamaraj University	2002
M.Sc.	Bishop Heber College	Bharathidasan University	1996
B.Sc.	Cauvery College for women	Bharathidasan University	1994

Experience Details

Institution/ Company	Designation / Position	Duration	Experience in Years	Cumulative Experience
MAM College of Engineering & Technology-Trichy	Associate Professor	16.04.2010 –Till date	8	21
MAM College of Engineering	Associate Professor	16.05.2008-15.04.2010	1	
Sudharsan Engineering College	Sr. Lecturer	02.06.2005-15.05.2008	2	
Sapthagiri College of Engineering	Lecturer	02.09.1996 -31.07.2004	7	

Publications Details

Category	Journal	Conference	Total
National			
International	7	3	
Consultancy		Total Publications	7
Product Development	-----	Ph.D. Guidance	-

Seminar:

- ❖ Participated in the CSIR sponsored Two-Day National Seminar on “*Fuzzy Mathematical Modelling and Optimization Techniques*” on 27th & 28th At Anna University ,Trichy.
- ❖ Participated in the CSIR sponsored Two-Day National Seminar on “*Integration of Neural Networks, Genetic Algorithms and Fuzzy Systems*” held during Dec 30-31,2011 at Kongu Engineering College,Erode.

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Professional Body Membership :Nil

Awards and Achievement : Nil

International Conferences

- 1.Muruganandam, S & **Hema, K** 2012, ‘Method for Solving Fuzzy Assignment Problem using Genetic Algorithm’, proceeding of the International Conference on Mathematical Modeling and Applied Soft Computing, Coimbatore Institute of technology, Coimbatore, Tamilnadu, India.
2. Muruganandam, S & **Hema, K** 2012, ‘A New Method of Solution to Fuzzy Assignment Problem’, Heber International Conference on Applications of Mathematics and Statistics, Bishop Heber College, Trichy, Tamilnadu.
3. Muruganandam, S & **Hema, K** 2014, ‘Genetic Algorithm approach to solve Fuzzy Assignment problem’, proceeding of the International Conference on Mathematical Methods And Computation, Jamal Mohamed College, Trichy, Tamilnadu, India.

International Journals:

1. Muruganandam, S & **Hema, K** 2017, 'Solving Fuzzy Assignment Problem using Fourier Elimination Method', Global Journal of Pure and Applied Mathematics, vol.13, no.2, pp.453-462. (**Annexure II**).
2. Muruganandam, S & **Hema, K** 2017, 'Solving Fully Fuzzy Assignment problem using Branch and Bound Technique', Global Journal of Pure and applied Mathematics, vol.13, no.9, pp. 4515-4522.
3. Muruganandam, S & **Hema, K** 2017, 'An Optimal Solution To Fuzzy Assignment problem using Ones Suffix and Improved Ones suffix Method', International Journal of Scientific Research, vol. 6, no. 5, pp.267-270.
4. Muruganandam, S & **Hema, K** 2017, 'A New Approach to Solve Multi Objective Fuzzy Fractional Assignment Problem', Middle-East Journal of Scientific Research, vol.25, no.3, pp.616-622. (**Annexure II**).
5. **Hema, K** & Muruganandam, S 2016, 'A New Object Oriented Software Development Genetic Algorithm to Fuzzy Assignment Problem', Transylvanian Review, vol. 24, no. 10, pp. 2499-2506. (**Annexure I**).
6. Muruganandam, S & **Hema, K** 2017, 'A Method of Solution to Fuzzy Assignment Problem using Genetic Algorithm' Global Journal for Research Analysis, vol. 7, no. 4, pp. 154-157.
7. Muruganandam, S & **Hema, K** 2019, 'An Algorithmic Approach to solve fuzzy Assignment Problem', in International Journal of Applied Engineering Research, vol.14,no.1,pp.207-211.