

**GOVERNMENT ARTS COLLEGE (AUTONOMOUS), Kumbakonam**  
**Re-accredited (II Cycle) with 'A' Grade by NAAC**  
**(Affiliated to Bharathidasan University)**

Staff Profile for College Website

Department	MATHEMATICS			
Name	LT. DR. A. EDWARD SAMUEL			
Designation	ASSISTANT PROFESSOR & ASSOCIATE NCC OFFICER			
Qualification	M.Sc., M.Phil., Ph.D., M.C.A.,			
Date of Birth	17.02.1974			
Date of Joining in Govt Service	26.02.2011			
Date of Joining in this Service	20.07.1998			
Years of Experience	22 YEARS			
Email	-			
Mobile	8903163860			
NET/SET	-			
Area of Specialisation	FUZZY SET THEORY & OPTIMIZATION TECHNIQUES			
No of PhD / M.Phil Guided*	M.Phil		PhD	
	Completed	Guiding	Completed	Guiding
	30	2	8	-
Positions Held	NAAC Committee Member, NCC OFFICER, University Representative (Board of Studies), <b>(ANNEXURE 1 – ENCLOSED &amp; ANNEXURE 5 – ENCLOSED)</b>			
No of Programmes Organised*	06 NCC CAMPS ORGANISED <b>(ANNEXURE 2 – ENCLOSED)</b>			
No of National / International Conference (Conducted / Attended)*	02		09	
Workshops / Seminars (Conducted / Attended)*	Workshop attended – 01 <b>(ANNEXURE 4 – ENCLOSED)</b>			
Projects Completed*  <b>(ANNEXURE 3 – ENCLOSED)</b>	Sl.No.	Project Title	Amount	Agency
	1.	Optimization of Unbalanced Transportation problems using fuzzy numbers	90000	UGC
	2.	Medical Diagnosis under Fuzzy Environment	15000	TNSCHE
No of Publications Journals / Books*	61		-	

**HOD Signature**

**Staff Signature**

- Note:
1. Form should be submitted on or before 18-03-2021.
  2. Willing to give more details, can be given separately as annexure on or before 23-03-2021.
  3. Softcopy also be sent to email [vgdcsgacak@gmail.com](mailto:vgdcsgacak@gmail.com)

## **ANNEXURE 1**

### **POSITIONS HELD**

- Acting as University Representative to the Board of Studies in Mathematics (UG), Poompuhar College (Autonomous), Melaiyur 609107, for the period of two years.

**Ref. No. 37830/R/CCCD/L/2013/ Dated: 04.10.2013**

- Acting as a member of the Board of Studies for Mathematics (UG & PG) in Rajah Serfoji Government College (Autonomous), Thanjavur 613 204, for the period of two years. (28.09.2015 to 27.09.2017)

**Ref. No.: COE/BOS/1/2015-2016/dated: 30.10.2015**

- Acting as a reviewer in the European Journal of Operational Research
- Acting as a reviewer in the Mathematical and Computational Applications Journal.
- Acting as an Associate NCC Officer in Government Arts College (Autonomous), Kumbakonam from 19.4.2015 to Till-Date.

## **ANNEXURE 2**

### **NCC Camps organized @ Government Arts College(Autonomous), Kumbakonam**

- **27.11.2015 to 05.12.2015**, Combined Annual Training Camp (CATC) – 400 Cadets

(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur were attended)

- **03.06.2017 to 12.06.2017**, CATC – 600 Cadets

(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur were attended)

Lt. Dr. A. Edward Samuel, ANO acted as a camp adjutant.

- **20.05.2018 to 29.05.2018**, CATC – 600 Cadets

(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur were attended)

- **29.06.2018 to 08.07.2018**, CATC-BLC-TSC – 650 Cadets

(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur, Madurai, Chennai were attended)

- **30.05.2019 to 08.06.2019**, CATC CUM TSC 2019 – 600 Cadets

(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur were attended)

Lt. Dr. A. Edward Samuel, ANO acted as a camp adjutant.

- **29.06.2019 to 08.07.2019**, CATC CUM TSC LAUNCH CAMP – 600 Cadets  
(Cadets from various districts like Thanjavur, Nagai, Trichy, Thiruvarur were attended)  
Lt. Dr. A. Edward Samuel, ANO acted as a camp adjutant.

### **ANNEXURE 3**

#### **MINOR RESEARCH PROJECT (COMPLETED)**

Minor Research Project - *Sanctioned by UGC India.*

Principal Investigator: Dr. A. Edward Samuel

**Title of project: Optimization of unbalanced Transportation problems using Fuzzy numbers.**

**Duration: 18 Months**

**Amount: 90,000/-**

Ref: F. No. F.1-12/2012 (MRP-NEW/SERO-UGC)-dated: 21.12.2012

#### **STUDENTS MINI PROJECT (COMPLETED)**

Students Mini Project for the year 2015-2016

*(Sanctioned by Tamil Nadu State Council for Higher Education)*

Principal Investigator: Dr. A. Edward Samuel

Student Name: K. Navaneethakrishnan

(2<sup>nd</sup> Year 2014-2016 batch)

**Title of project: Medical Diagnosis under Fuzzy Environment**

**Duration: 12 Months**

**Amount: 15,000/-**

Ref: D.O. Rc. No. 1082/2015 A/dated:24.09.2016

### **ANNEXURE 4**

#### **PROGRAMS FOR WHICH ACTED AS RESOURCE PERSON**

- Served as a Resource Person in the Faculty Development Program conducted by Annai College of Arts & Science, Kumbakonam, on January 28, 2012.
- Acted as a Resource Person organized by the Department of Mathematics, MASS College of Arts & Science on March 27, 2012 and delivered a lecture on the topic “FUZZY KINGDOM”- A Perspective.
- Delivered a special lecture on “Fuzzy Optimization” in the Department of Mathematics, Annai College of Arts & Science, Kumbakonam on 27.07.2012.

- (iv) Delivered a special lecture on “Introduction to Generalized Fuzzy Set” in the Department of Mathematics, A. D. M. College (Autonomous), Nagapattinam on 31.01.2013.
- (v) Delivered a special lecture on “Fuzzy Theory” in the P.G. & Research Department of Mathematics, A. V. V. M. Sri Pushpam College (Autonomous), Poondi, Thanjavur (Dist) on 18.10.2013.
- (vi) Delivered a special lecture on “Graph Theory–Applications in Daily Life” in the Department of Mathematics, Sengamala Thayaar Educational Trust Women’s College, Mannargudi on 05.02.2014.
- (vii) Delivered a special lecture on “Introduction to Intuitionistic Fuzzy Set” in the Department of Mathematics, M. R. Government Arts College, Mannargudi on 05.03.2014.
- (viii) Acted as a chair person in the Mathematics Association Meeting and delivered a lecture on “Introduction to Generalized Fuzzy Set” on 05.04.2014 organized by the Department of Mathematics, Idhaya College for Women, Kumbakonam.
- (ix) Acted as a resource person in the UGC-SERO Sponsored two days Seminar on “Fuzzy Algebra” and delivered a lecture on “Fuzzy Optimization” on 10.04.2014 organized by the Department of Mathematics, Government Arts College, Paramakudi 623 707, Ramanathapuram(Dist).
- (x) Acted as a resource person in the National Level Conference on Recent Advances in Mathematics (RAM2014) and delivered a lecture on “Introduction to Generalized Fuzzy Set” on 29.09.2014 organized by the Department of Mathematics, E.R.K Arts and Science College, Erumiyampatti 636 905, Pappireddipatti, Dharmapuri-Dt.
- (xi) Acted as a resource person in the UGC Sponsored One Day Seminar on “Modern Trends in Mathematics” and delivered a lecture on “Decision Making under Fuzzy Environment” on 07<sup>th</sup> October 2014 organized by the P.G.& Research Department of Mathematics, A.V.C.College (Auto), Mannampandal, Mayiladuthurai 609 305.
- (xii) Delivered a lecture on “Two Dimensional Random Variables” in the Anna University Approved Seven Days Faculty Development Training Programme conducted by the Department of Mathematics, A.V.C. College of Engineering, Mannampandal, Nagapattinam (DT), held on 6<sup>th</sup> December 2014.
- (xiii) Acted as a Scientific Committee Member in the Proceedings of the International Conference on Mathematical Methods and Computation (ICOMAC 2014), ISSN 0973-0303 on 13<sup>th</sup> February 2014 published by Jamal Academic Research Journal: An Interdisciplinary (Special Issue), Jamal Mohamed College, Tiruchirappalli
- (xiv) Delivered a special lecture on “Decision Making under Fuzzy Environment” in the Department of Mathematics, Dharmapuram Adhinam Arts College, Dharmapuram, Mayiladuthurai 609 001 on 10.03.2016.

- (xv) Delivered a special lecture on “Resource Management Techniques” for 4<sup>th</sup> year CSE students on 20.09.2016 in the Department of Mathematics, K. Ramakrishnan College of Engineering, Samayapuram, Trichy.
- (xvi) Acted as a resource person in the International Workshop on Research Methodology in Mathematics and delivered a lecture on “Decision Making under Fuzzy Environment” on 22.09.2016 organized by Ramanujan Association, P.G. & Research Department of Mathematics, E.R.K Arts and Science College, Erumiyampatti, Pappireddipatti, Dharmapuri-Dt.
- (xvii) Delivered a special lecture on “Decision Making under Fuzzy Environment” in the Department of Mathematics, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur 613 007 on 30.08.2017.
- (xviii) Acted as a resource person in “Two days workshop on Fuzzy Set Theory and its Applications” and delivered a lecture on “Fuzzy Kingdom-A Modern Perspective” on 27.02.2019, organized by Department of Mathematics, Jayaraj Annapackiam College for Women, Periyakulam.
- (xix) Delivered a special lecture on “Optimization + A Modern Perspective” in the Department of Mathematics, The American College, Madurai on 19.07.2019.
- (xx) Delivered a special lecture on “Fuzzy Kindom - A Modern Perspective” in the Department of Mathematics, Bon Secours College, Thanjavur on 03.12.2019.
- (xxi) Delivered a special lecture on “Optimization - A Modern Perspective” in the Department of Mathematics, J.J Arts and Science College, Pudukkottai on 28.01.2020.

## **ANNEXURE 5**

### **EXTENSION ACTIVITIES AND ACHEIVEMENTS**

- Attended NCC Pre Commission Course serial number PRCN/SD-161 (05<sup>th</sup> Dec 2016 to 04<sup>th</sup> Mar 2017) at NCC Officers Training Academy, Kamptee and successfully completed the course with “A” Grading.
- Received an award as a “**Best NCC Officer of the year 2018**” (in Trichy Group) from the Group Commander.
- Detailed as contingent male Associate NCC Officer for the Tamil Nadu, Pondicherry and Andaman & Nicobar (TN, P & AN) RDC Contingent for the Republic Day Camp, New Delhi 2021. Accompany the RDC contingent to New Delhi from the last week of Dec.2020 to last week of Jan 2021. Involved in selection and training of cadets from 15<sup>th</sup> Sep2020 onwards.