NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF   : Dr. A. BARAKATH BEGAM
DESIGNATION   : ASSISTANT PROFESSOR
DEPARTMENT   : COMPUTER SCIENCE

1.   CONTACT

Address   : 2/39, Reddiyar Street,
                          Edumalai (Po),
                          Mannachanallur (Tk),
                          Trichy (Dt) – 621 007.

Contact Phone (Mobile)   : **9047963454**
Contact e-mail(s)   : **barakathbegam@nmc.ac.in**

2.   ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D.	Bharathidasan Univeristy, Trichy	2021 (Completed Viva-Voce)
M.Phil.	Bharathidasan University, Trichy	2017
M.Sc.	Chidambaram Pillai College for Women	2016
B.Sc.	Jamal Mohammed College (Autonomous)	2014

3.   TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years UG	No. of Years PG
1.	Nehru Memorial College (Autonomous) Puthanampatti – 621 007	From 06/09/2021 to till date	2 months	2 months

4.   RESEARCH EXPERIENCE (in years)   : 4 years

5.   AREA OF RESEARCH   :

- Cryptography
- Network Security
- Data Mining and Data Warehousing

PUBLICATION(S) (In Numbers)

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
3	-	-	-	-

7.** **PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)	-	1	-	-
Seminar(s)/ Webinar(s)	3	-	3	1
Workshop(s)	1	1	-	-
Symposium(s)	-	-	-	-

8.** **PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
-	-	2	-	-

9. **DETAILS OF PUBLICATIONS**

(a) **JOURNAL(S)**

S. No.	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1.	Dr. K. MANI & A. BARAKATH BEGAM	Generation of Keymatrix for Hill Cipher Encryption using Quadratic Form	International	International Journal of Scientific and Technology Research (IJSTR)	Vol.8, pp. 964-968, October 2019	2277-8616
2.	Dr. K. MANI & A. BARAKATH BEGAM	ElGamal Encryption using Lucas, Elliptic Curve and SRZ Model	International	International Journal of Engineering and Advanced Technology (IJEAT)	Vol. 9, pp. 4216-4221, October 2019	2249-8958
3.	Dr. K. MANI & A. BARAKATH BEGAM	Enhancing the Security in ElGamal Cryptosystem using Paring Functions	International	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol. 9, pp. 2922-2928, February 2020	2278-3075

10. DETAILS OF PARTICIPATION

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
Conference(s)					
1.	National Conference on Advanced Computing	Technical Collaboration with Computer Society of India	Jamal Mohamed College (Autonomous)	Trichy	12th March 2019
Seminar(s)/Webinar(s)					
2.	Robotics & Machine Learning	-	AIMAN College of Arts and Science for Women	Trichy	24th September 2021
3.	Network Virtualization for IOT	-	Loyola Institute of technology	Chennai	18th June 2020
4.	Containerization	-	Seethalakshmi Ramaswami College (Autonomous)	Trichy	12th June 2020
5.	Scope and Impact of Artificial Intelligence and Machine Learning	-	Bishop Heber College	Trichy	5th June 2020
6.	Artificial Intelligence in Neurology	-	VELS School of Engineering	Chennai	5th June 2020
7.	Online Teaching Tools	-	Bishop Heber College (Autonomous)	Trichy	30th May 2020
Workshop(s)					
8.	Statistical Modeling in Python	-	A2Z EduLearningHub	-	21st – 23rd October 2021

11. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration / Date
Faculty Development Programme					
1.	Cyber Security	-	Anurag University in Associated with ISTE and Indian Services	Hyderabad	3rd June – 5th June 2020
2.	ICT Based Teaching and Learning Tools	-	Hindusthan College of Arts and Science	Coimbatore	1st June 2020 – 5th June 2020