

## NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

### STAFF PROFILE



**Ponvel Azhagu Lakshmi K**

**Associate Professor**

#### 1. CONTACT

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#### 2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
<b>M.Sc (IT)</b>	Alagappa University	2016
<b>M.Phil</b>	Alagappa University	2010
<b>MBA</b>	Alagappa University	<b>2005</b>
<b>BE</b>	<b>Madurai Kamaraj University</b>	<b>1996</b>
• <b>Qualified NET in Computer Science &amp; Applications on Nov 2017</b>		

#### 3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Kurinji College of Arts & Science, Manapparai	1997-1999	2	2
2	Nehru Memorial College (Autonomous), Puthanampatti	2000-tilldate	20years 9 months	20years 9 months

**8\*\*. PRESENTATION(S) (In Numbers)**

Events	International	National	State	Regional
Conference(s)		1		
Seminar(s)				

**9\*\*. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)				
Seminar(s)			1	3
Workshop(s)		2	4	9
Symposium(s)				

**10\*\*. PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
		10		8

**14. EVENT(S) ORGANIZED**

S. No.	Name of the Programme	Name of the Resource Person	Date of the Event
1	Amazon Web Services & Scrum Technology	Mr.P.Satheesh Kuma, Enterprise Application & Mrs. Aruna Arputham,	8 <sup>th</sup> January 2020
2	Journey to Sales Force	Mr.K.Rajadurai, Technical Team Lead, Wilco Source Technology Pvt Ltd, Hyderabad	25 <sup>th</sup> July 2019
3	Secret of Success Mantras	Sekhar Santigo, Enterprise Software Architect, CSV Health, Chicago, USA	09/07/2019
4	Application Development using Python	Mr.M.Muralidharan, HOD of Computer Science, Ms.V.Priya , Ms.P.Kalpana & Ms.K.Ponvel Azhagu Lakshmi	17.02.2017 to 18.02.2017
5	Code Yourself with Python	Mr.M.Muralidharan, HOD of Computer Science, Ms.V.Priya , Ms.P.Kalpana	24.02.2016 & 25.02.2016

		<b>&amp; Ms.K.Ponvel Azhagu Lakshmi</b>	
<b>6</b>	<b>Application Development using Python</b>	<b>Mr.M.Muralidharan, HOD of Computer Science, Ms.V.Priya , Ms.P.Kalpana &amp; Ms.K.Ponvel Azhagu Lakshmi</b>	29 <sup>th</sup> September 2015 to 1 <sup>st</sup> October 2015
	<b>Industry-Institution Expectations and Reality</b>	<b>Mr.Giridharan Gopalsamy</b>	2 <sup>nd</sup> March 2015

#### 15. ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

- Member of Academic Council
- Coordinate the Private scholarship (Harris & Menuk Chemicals Pvt Ltd)
- Serving as a convener for **NAAC Criteria-2** of the Department of Computer Science, Nehru Memorial College for the reaccreditation process.
- Organized **Bridge Course** for First Year UG Computer Science and Computer Applications on 1<sup>st</sup> July 2019 to 4<sup>th</sup> July 2019, 12<sup>th</sup> July 2017 – 17<sup>th</sup> July 2017, 4<sup>th</sup> July 2016-7<sup>th</sup> July 2016 & 18<sup>th</sup> June 2015-19<sup>th</sup> June 2015.
- Served as a convener for **PG-TRB coaching classes** organized by NMC Academy, Nehru Memorial College from 22/04/2019 to 31/05/2019.
- Handled **NET/SET coaching** classes for PG students of Computer Science and Computer Applications of Nehru Memorial College.
- Coordinated the Seminar on "**Industry-Institution Expectations and Reality**" on 2<sup>nd</sup> March 2015.
- Coordinated and Guided PG Projects for Post Graduate Computer Applications and Computer Science.
- Coordinator for Organizing Certificate Course on "**Spread Sheet Technology**" and "**Distributed Application Development using .Net**".
- Convener for the Event Dumb charades in **THINK QUEST'19** an Inter Collegiate Competition.
- Convener for the Event Treasure Hunt in **THINK QUEST'13** to **THINK QUEST'18** an Inter Collegiate Competition.
- Organizing Secretary for **TQ'18** an inter collegiate competition on 28.02.2018
- Serving as a **training member** in the **Competency Building Programme** (A programme to train the PG students of Computer Science, Nehru Memorial College for placement).

#### 16. GUEST LECTURE / RESOURCE PERSON

- Served as one of the resource persons for the short term course on "**Code Yourself in Python for beginners**" conducted from 29<sup>th</sup> July 2020 to 2<sup>nd</sup> August 2020 organized by Department of Computer Science and Engineering University College of Engineering, Dindigul through online.
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- Served as one of the resource person and delivered a lecture on "**Exploratory Data Analysis using Python, R and Excel**" in a Three-Day workshop organized

- by PG and Research Department of Computer Science, Nehru Memorial College(Autonomous), Puthanampatti from 28.01.2020 to 30.01.2020.
- Acted as a resource person and delivered a lecture on "**Web Application Development using Python**" in a Two-Day workshop organized by Department of Computer Science, Mother Teresa Women's University, Kodaikanal on 8<sup>th</sup> and 9<sup>th</sup> August 2019.
  - Served as a Resource Person and delivered a Lecture on "**Developing Algorithms and Flowcharts**" on 02/07/2019 in the Bridge Course organized by Department of Computer Science, Nehru Memorial College, Puthanampatti
  - Delivered a Lecture and demonstrated on "**Hardware Components**" in the **Bridge Course** organized by the Department of Computer Science, Nehru Memorial College for the 1<sup>st</sup> year Under Graduate students of Computer Science and Computer Application during the academic years 2014-2015, 2015-2016 and 2016-2017.
  - Served as resource person in the FDP organized by the department of Computer Science for the faculty of Computer science and delivered a lecture on "**PYTHON PROGRAMMING**" on 06.04.2017.
  - Acted as a resource person and delivered a lecture on "**Code Yourself with Python**" a Two Day Workshop organized by Department of Computer Science, St.Antony's Arts and Science College for Women, Dindigul on 24<sup>th</sup> March 2017 and 25<sup>th</sup> March 2017.
  - Served as a resource person for the state level workshop on "**Application Development using Python**" held at Nehru Memorial College, Puthanampatti from 17.02.2017 to 18.02.2017.
  - Delivered a lecture on "**Data Analytics Using R**" organized by CSI Students Chapter of Nehru Memorial College, Puthanampatti on 25<sup>th</sup> November 2016.
  - Served as a resource person for the Faculty Development Programme on "**Python for Physicists**" organized by Department of Physics of Lady Doak College, Madurai On 30.03.2016
  - Served as a resource person in the state level workshop on "**Code Yourself with Python**" from 24.02.2016 to 25.02.2016.
  - Served as resource person for the workshop on "**Application Development using Python**" held at Nehru Memorial College from 29.08.2015 to 01.09.2015.
  - Served as resource for the workshop on "**Interactive Programming using Python**", organized for the students of Nehru Memorial College from 29<sup>th</sup> to 31.09.2014.
  - Served as resource person for the workshop on "**Game Development Using Python**" held at Nehru Memorial College from 9.10.2013 to 11.10.2013.

Academic Bodies (Board of studies)	BSC CS, BCA, MCA, MSC CS
Professional Bodies	Computer Society of India

### 18. EXTENSION ACTIVITIES / OUTREACH PROGRAMME

S. No	Title	Place	Date	Beneficiaries
1	Python Programming- (XII Syllabus)	Government(ADW) Higher Secondary School, M.R.Palayam	5.12.2019	XII Students
2	Digital Awareness	Sengunthar Higher Secondary School, Thuraiyur	31.07.2019	XI & XII Students
3	Enhancing the Language and Problem Solving Skills	Sowdambikaa matriculation Boys Higher Secondary School, Thuraiyur	12 <sup>th</sup> September 2015	XI Students
4	Computer training Programme	Nehru Memorial College(Autonomous), Puthhanampatti	18.11.2013 to 22.11.2013	Musiri Union Presidents & Secretaries

### 22. DETAILS OF PRESENTATION(S)

(Conference(s) / Seminar(s))

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1	Task Efficient Matrix & Shortest Path Computation in DP Model	Parallel and Distributed Computing	National	Cauvery College for Women, Trichy.	30 <sup>th</sup> & 31 <sup>st</sup> March 2006

### 23. 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
Seminar(s)					
1	Examinations Reforms	UGC Autonomou	IQAC	Nehru Memorial College	16 <sup>th</sup> February

		s Grant.		(Autonomous), Puthanampatti	2013
2	<b>Embedded Systems and its applications</b>	--	PG and Research Department of Physics and Computer Science	Nehru Memorial College (Autonomous)	13 <sup>th</sup> March 2012
3	<b>Software Development Life Cycle</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	09.09.2006
<b>Workshop(s)</b>					
	<b>Comprehensive e-Learning to e-Training guide for Administrative Work</b>		Teaching Learning Centre	Online Ramanujam College, University of Delhi	25 <sup>th</sup> May to 5 <sup>th</sup> June 2020
1	<b>Mobile Apps Development</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	08.12.2018
2	<b>Outcome Based Education</b>	UGC Autonomous Grant.	<b>IQAC</b>	Nehru Memorial College (Autonomous), Puthanampatti	25 <sup>th</sup> August, 2018
3	<b>Innovative Curriculum Designing</b>	UGC Autonomous Grant.	<b>IQAC</b>	Nehru Memorial College (Autonomous), Puthanampatti	24 <sup>th</sup> and 25 <sup>th</sup> November 2017
4	<b>Video Lesson Preparation</b>	TEQIP-II	Teaching and Learning Centre	National Institute of Technology, Trichy	9 <sup>th</sup> December 2016
5	<b>Research Issues in Big Data Analytics</b>	Computer Society of India	Trichy Chapter	BDU, Khajamalai	27 <sup>th</sup> March 2014
6	<b>e-Content Development</b>	UGC Autonomous Grant.	<b>IQAC</b>	Nehru Memorial College (Autonomous), Puthanampatti	23 <sup>rd</sup> October 2013 to 26 <sup>th</sup> October 2013

7	<b>Big Data Analytics</b>	--	Department of Information Technology	Anna University Regional Center, Coimbatore	18 <sup>th</sup> & 19 <sup>th</sup> October 2013
8	<b>Google Apps</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	24.09.2013 to 26.09.2013
9	<b>Research Methods and LaTeX</b>	TEQIP-II	Department of Electronics and Communication Engineering	National Institute of Technology, Trichy	20 & 21 September 2013
10	<b>Mobile Communication and J2ME Applications</b>	--	Department of Computer Applications	MAM College of Engg	3 <sup>rd</sup> August 2011.
11	<b>Mathematical Computations with MATLAB</b>	--	PG and research Department of Mathematics	Nehru Memorial College(Autonomous)	19 <sup>th</sup> October 2008
12	<b>Mobile Computing</b>	--	Department of Computer Science	Periyar University	30 <sup>th</sup> August 2008
13	<b>Linux System Administration using Fedora</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	06.11.2006 to 09.11.2006

## 24. 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
<b>Faculty Development Programme</b>					
1	<b>ONLINE TEACHING, LEARNING and EVALUATION</b>	-	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	10 & 11 <sup>th</sup> August 2020
2	<b>Institutional Quality</b>	IQAC under	Sri GVG	Online	3 <sup>rd</sup> May to

	<b>Achievement, Maintenance, and Sustenance</b>	UGC Paramarsh	Visalakshi College for Women, Udumalpet		9 <sup>th</sup> May 2020
3	<b>Develop the Ability to write Research Proposal</b>		AIMIT, Bengaluru	Online	24 <sup>th</sup> April 2020
4	<b>Mobile Application Development using ANDROID</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	10.06.2019 & 11.06.2019
5	<b>Students Skills, Mentoring and Counseling</b>	UGC Autonomous Grant.	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	30 <sup>th</sup> May 2019
6	<b>Coding Theory and Machine Learning</b>	--	PG and Research Department of Computer Science	Nehru Memorial College (Autonomous), Puthanampatti	19.03.2019
7	<b>Revisiting Examination System in the Current Scenario</b>	UGC Autonomous Grant.	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	19 <sup>th</sup> March 2016
8	<b>Sustenance/Enhancement of Quality in Higher Education</b>	UGC Autonomous Grant.	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	5 <sup>th</sup> August 2015.
9	<b>Impact of Research on Teaching in Higher Education</b>	UGC Autonomous Grant.	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	11 <sup>th</sup> June 2014
10	<b>Higher Education</b>	UGC Autonomous Grant.	IQAC	Nehru Memorial College (Autonomous), Puthanampatti	21 <sup>st</sup> January 2012
<b>Online Course(s)</b>					



1	Career Edge	TCS-iON	Digital Learning Hub		<b>7<sup>th</sup> April 2020 to 29<sup>th</sup> April 2020</b>
2	Intro to HTML/CSS: Making Webpages & Into to JS Drawing and Animation	Khan Academy	Khan Academy		<b>June 2019</b>
3	<b>Web Application Architectures</b>	Coursera	University of New Mexico		<b>MAY 28, 2015</b>
4	<b>The Data Scientist's tool Box</b>	Coursera	Johns Hopkins University		<b>SEPTEMBER 07, 2014</b>
5	<b>Computing for Data Analysis</b>	Coursera	Johns Hopkins University		<b>FEBRUARY 16, 2014</b>
6	<b>Big Data in Education</b>	Coursera	Columbia University		<b>DECEMBER 28, 2013</b>
7	<b>Introduction to Data Science</b>	Coursera	UNIVERSITY OF WASHINGTON		<b>JUNE 29, 2013</b>
8	<b>An Introduction to Interactive Programming Using Python</b>	Coursera	Rice University		<b>APRIL 04, 2013</b>