Name   :   **Dr.K.Thenmozhi**

Designation   :   Associate   Professor

Department   **:** Information Technology

Qualification   **:** M. Sc., M. Phil., Ph. D.

Experience   **:** Teaching: 12 Years 1 Months   **Research**: 8 Years

Area of Specialization(s)   **:** Data Mining

Email (Official ID)   **:** thenmozhi@drngpasc.ac.in

Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Bharathiar University	2020
M. Phil.	Computer Science	Manonmanium Sundharanar University	2007
M. Sc.	Computer Science	Dr. N.G.P. Arts and Science College	2006
B. Sc.	Computer Science	Dr. N.G.P. Arts and Science College	2004

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	INFOSYS-Java for Beginners	INFOSYS -Springboard	2022
Certification	INFOSYS-Data Structures & Algorithms in Python	INFOSYS -Springboard	2022
Certification	NPTEL- Python for Data Science	MHRD-Govt of India	2019

Research Guidance

Programme	No. of Scholars	
	Completed	**Pursuing**
M. Phil.	5	-

Research Publications (Indexed)

International

- K.Thenmozhi, A.Nirmala, M.Savithri, "**Block Chain Technology To Revolutionize The Supply Chain Industry And Its Challenges**", Journal of Information and Computational Science, Volume 10 Issus 7-2020, July 2020, pp.217-223, ISSN: 1548-7741(Indexed in UGC).

- K.Thenmozhi, A.Nirmala, M.Savithri, **Image Quality Metrics for Brain Image Segmentation**, Journal of Emerging Technologies and Innovative Research, Volume 7, Issue 1, Jan 20, ISSN-2349-5162, 5.87 Impact Factor and UGC Indexed.

- K. Thenmozhi, M. Rajesh Babu, **Classification of Skin Disease using Ensemble based Classifier**, International Journal of Biomedical Engineering and Technology, Vol.28, Issue 4, Nov 18, Print ISSN: 1752-6418 Online ISSN: 1752-6426, (Indexed in SCOPUS).

- K. Thenmozhi, M. Rajesh Babu, **Survey of Various Methods for Diagnostic Signatures for Cutaneous Melanoma from Genetic and Imaging Data**, International Journal of Business Intelligence and Data Mining, Vol.13, Issue 1-3, Dec 17, Print ISSN: 1743-8187, Online ISSN: 1743- 8195, (Indexed in SCOPUS).

Other Publications: International /National

- K. Thenmozhi, P. Deepika, M. Meiyappasamy, **Different Data Mining Techniques Involved in Heart Disease Prediction: A Survey,** International Journal of Scientific Research, Vol. 03, Issue 09, Sep 14, ISSN-2277-8179, Impact Factor: 1.8651.

- K. Thenmozhi, D.Sridhar, **Online Based Content Recommended System based on Consumer Behavior Modeling**, International Journal of Science and Research, Volume 02, Issue 03, Mar 13, ISSN: 2319-7064.

- K. Thenmozhi, V.Padmapriya, **Agglomerative Mean Shift Cluster Using Shortest Path and Fuzzification Algorithm,** International Journal of Advanced Research in Computer Science and software Engineering, Volume 03, Issue 12, Dec 13, ISSN: 2277-128X.

- K. Thenmozhi, P.Deepika**, Heart Disease Prediction Using Classification with Different Decision Tree Techniques**, International Journal of Engineering Research and General Science, Volume 02, Issue 06, Oct-Nov 2013, ISSN 2091-2730.

Patent

S.No	Name of the Faculty	Title of the Invention	Application No.	Date of Filing	Publication Date
1	Dr.K.Thenmozhi	E-requirement and it's Impact on Job Seekers	202311016737	13/03/2023	-
2	Dr.K.Thenmozhi	Effective Weather Prediction For Smart Agriculture Using Deep Learning	202241026532 A	07/05/2022	13/05/2022

Books Published

- Dr.K.Thenmozhi has published a chapter in the book: Modern Computer Science & Application published with ISBN Number: 9789393622075 in July 2022,Title "Data Visualization in R Programming".

Presentations in Conference

International

- **An overview of Blockchain Technology its application and future trends**, International Conference on Digital Information Security and Computing Technologies in Collaboration with Lincoln University, Malaysia , Sankara College of Science and Commerce, Coimbatore on 8th & 9thApril, 2022

- **Character of Data Mining in Cyber Security**, Second International Conference on Research trends in computing technologies(ICRTCT – 2020), Dr.N.G.P. Arts and Science College, Coimbatore, 28 and 29-Feb-20.

- **Advance Surveillance System using Block Matching Algorithms,** National Seminar on Computing Platforms for Biological Big Data Analytics(SERB Sponsored), Dr.N.G.P. Arts and Science College, Coimbatore, 05 and 06-Feb-20.

- **Melanoma Skin Cancer Detection using Improved RBF Classifier,** International Conference, Dr.N.G.P Arts and Science College, Coimbatore, 9 &10-Aug-18.

National

- **The Efficient Heart Disease Prediction Using Decision Trees with Feature Selection,** National Conference, PSGR Krishnammal College for Women, Coimbatore, 29-Jan-15.

- **Computerized Teaching Technique,** NAAC sponsored two day State Level Conference, Achieving Academic Excellence through Internal Quality Assurance Cell (IQAC), Dr. N.G.P Arts and Science College, Coimbatore, 9 & 10-Dec-11.

Presentations in Seminar

- **Comparisons of Routing Protocols in MANET**, National Seminar on Computing Platforms for Biological Big Data Analytics, Dr. N.G.P. Arts and Science College, Coimbatore, 05 and 06-Feb-20

- **Web Mining,** National Seminar on Crystallizing Trends in IT, Sankara College of Science & Commerce, Coimbatore, 15-Feb-12.

- **Intelligent & Effective Health Care Prediction System,** International Seminar on Recent Trends in IT, Kaamadhenu Arts and Science College, Coimbatore, 11-Jan-11.

Participation in Conference

- **Issues in Higher Education**, Dr. N.G.P Arts and Science College, Coimbatore, 29-Oct-10.

Participation in Seminars

- **Research in Computers: Why, What and How?**, Bharathiar University, Coimbatore, 10-Feb-12.

- UGC funded National Seminar on **Research Issues in Computer Science**, Vellalar College of Women, Erode, 8-Feb-12.

- **Recent Trends in Information Technology**, Sri RamaKrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 23-Mar-09.

- **Research Methodology in Computer Science and Engineering**, Sri Vasavi College, Erode, 27&28-Feb-09.

- **Career Smartness in Computer Science** (CSCS'09), Dr. N.G.P. Arts and Science College, Coimbatore, 19-Feb-09.

- **Image Processing**, Sri Ramakrishna College of Arts and Science, Coimbatore, 21-Feb-05.

Participation in Workshop

- **Research Issues in Data Mining and Implementation Aspects**, Sri Krishna College of Engineering and Technology, Coimbatore, 21& 22-Feb-14.

- **Data Mining & Its Applications Using Rapid Miner**, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Dec-13.

- **Research Issues in Data Mining and its Practical Approach**, Dr. N.G.P. Arts and Science College, Coimbatore, 23-Feb-12.

- **Open Source Tools and Data Mining Research**, Dr. N.G.P. Arts and Science College, Coimbatore, 8-Aug-09.

- **Computer Hardware**, Dr. N.G.P. Arts and Science College, Coimbatore, 10 &11-Dec-08.

Participation in Faculty Development Programme

- **Faculty Development Programme,** on "Prominent Challenges in Computer Vision, Data and Intelligence", at NAVARASAM Arts and Science College for Women from 26-Dec-2022 to 31-Dec-2022.

- Two Days National Level**Faculty Development Programme,** on "ICT Tools and Innovative Teaching Techniques", at IOT Academy from 29-Dec-2022 to 30-Dec-2022.

- One Day National Level**Faculty Development Programme,** on "Green Audit & Energy Audit in HEI's" ,at IOT Academy on 28-Dec-2022.

- **Faculty Development Programme**, on "Research Advancements in Intelligent Computing Technologies" ,at SRI KRISHNA College of Engineering And Technology from 19-Dec-2022 to 23-Dec-2022.

- One Week Online International FDP on Next Generation Computing : Key Trends, Challenges and Opportunities organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 18-Apr-22 to 23- Apr-22.

- Seven day online **Faculty Development Programme** on Research Methodology and Pedagogy for Tertiary Education during 15-Jun-2021, Organized by Internal Quality Assurance Cell and Center for Faculty Development, Dr.N.G.P. Arts and Science College Coimbatore

- Three days online **Faculty Development Programme** on "Improving Your Research Visibility - Research Impact and Metrics" jointly organized by Research and Development Cell and Internal Quality Assurance Cell from 11-May-2020 to 13-May-2020

- PHP and MYSQL **Faculty Development Programme** organized at Dr.N.G.P. Arts and Science College Coimbatore From 02-Jan-2020 to 30-Jun-2020.

- **Faculty Development Programme,** Introduction to Big Data Analytics at Avinashilingam Institute for Home Sciences and Higher Education for women from 22-Jan-20 to 24-Jan-20.

- **Faculty Development Programme**, Big Data Analytics at Dr.G.R.Damodaran College of Science, Coimbatore, 28-Aug-19.

- **Faculty Development Programme,** NAAC Revised Accreditation framework & OBE Assessment methodology at Dr. N.G.P. Arts and Science College, Coimbatore, 27-May-19 to 03-Jul-19.

- **Faculty Development Programme**, Kongunadu Arts and Science College, Coimbatore, 27-Sep-14.

- **Enterprise Resource Planning Using SAP B1**, Dr. N.G.P. Institute of Technology, Coimbatore, 31-Jul-10.

- **Teaching Excellence**, Dr. N.G.P. Arts and Science College, 6-Feb-09.
- **Errors in Communication**, Dr. N.G.P. Arts and Science College, Coimbatore, 9-Jan-09.

- **Diagnosing Student Psychology**, Dr. N.G.P. Arts and Science College, Coimbatore, 5-Dec-08.

- **Behavioral Technology for Teaching**, Dr. N.G.P. Arts and Science College, Coimbatore, 26-Jul-08.

Participation in Webinar

- **"Data Visualization in R Programming",**Organizedby IOT Academy, on July-2022.

- "**Data Science for Cyber Security, Recommendation System and Healthcare**", Organized by Department of Computer Science & Engineering, Maharishi Markandeshwar Engineering College(MMEC) ,at Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, on 11-Sep-2021.

- "**Reinforcement Learning**" conducted by the Department of Computer Science and Computer Application, Sir Theagaraya College(shift-II) on 04-Sep-2021

- "**Current Research Trends in Blockchain**", Organized by Department of Computer Science & Engineering, Maharishi Markandeshwar Engineering College(MMEC) ,at Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, on 03-Sep-2021.

- "**Machine learning and Artificial intelligence**", Organized by Andhra Loyola Institute of Engineering and Technology, on 04-May-2020 to 06-May-2020.

- **Organizing Secretary**, National DST-SERB Sponsored Symposium on Cyber Security in Healthcare, Dr.N.G.P. Arts and Science College (NSCH-2022), Coimbatore, 13-May-2022.

- **Organizing Committee member**, Second International Conference on Research Trends in Computing Technologies (ICRTCT-2020), Dr. N.G.P. Arts and Science College, Coimbatore, 28 and 29-Feb-20.

- **Organizing Committee member**, National Seminar on Computing Platforms for Biological Big Data Analytics, Dr. N.G.P. Arts and Science College, Coimbatore, 05 and 06-Feb-20.

- **Organizing Committee member,** National Level Technical Symposium on TECHTRIX-2020, Dr. N.G.P. Arts and Science College, Coimbatore, 03-Feb-20.

- **Role - Treasurer, Innovations in Communicative World (NCICW' 12),** Department of Computer Science, Dr.N.G.P Arts and Science College, Coimbatore, 27-Sep-12.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Internet Society	Life-time	-
Teaching and Education Research Association	Life-time	-
IRED	Life-time	-

Awards /Honors

Awards / Honors	Agency / Institute	Year of Award
Best Mentor	Dr.N.G.P ASC	2019
Awarded silver coins for 100% Result	Dr. N.G.P Arts and Science College	2007 – 2009

Indexing and Citations

Google Scholar Citations: 30

h-index: 3

i10-index:1