

Ms.USHA P

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Department of Information Technology,
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Qualification

Degree	Branch	Institution / University	Year of Passing
MCA	COMPUTER APPLICATION	Bharathidasan University, Khajahmalai Campus	2011
M.PHIL	COMPUTER SCIENCE	Bharathidasan University, Khajahmalai Campus	2011
B.SC	PHYSICS	Seethalakshmi Ramaswamy College,Trichy	2008

Ph.D. Details

Title of Thesis		Area of Specialization	
Recursive partititioning analysis through deep learning		Data Mining, Deep Learning	
Research Supervisor	Research Centre	Year of Award	
Dr. M. P. Anuradha	Bishop Heber College	Pursuing	

Cleared NET / SET :	Details	Year of Passing
NET	180520317471	DECEMBER 2018

Additional Qualification

Name of Course	Place of Study	Date	Duration
Microsoft Certification in HTML5	Bishop Heber College	Mar 2018	
ICT Tools for Interactive Teaching and Blended Learning	Bishop Heber College	July 2021	One week
Machine Learning and Data Mining with Weka - For Beginners	Udemy	Mar 2021	2 Hours
Foundations of Artificial Intelligence	Skill Up	April 2021	
MICROSOFT EXCEL - LEARN MS EXCEL FOR DATA ANALYSIS	Udemy	Feb 2022	5 Hours

Work Experience

Name of Institution	Address of Institution	Designation	From	To
MIET ARTS AND SCIENCE COLLEGE	TRICHY-PUDUKKOTTAI MAIN ROAD, TRICHY-17	ASSISTANT PROFESSOR	10-07-2014	03-07-2017
Bishop Heber College	Trichy	Assistant Professor	04-07-2017	Till Date

Teaching / Research Experience**U.G. :** 7**P.G. :** 7**M.Phil.** NIL**Ph.D.**

NIL

Research Guidance**U.G. :** NIL**P.G. :** NIL**M.Phil. :** NIL**Ph.D. :** NIL**Field Experience**

Type	Name of the Sector	Designation	From	To
Industry	BLUE CHIP TECHNOLOGIES, TRICHY	SOFTWARE ENGINEER	06-05-2011	6/5/2014



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1.	Conferences / workshops / Seminars Attended	71
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6.	Conferences / Workshops / Seminars Organised	2
7.	Research Projects	0
8.	Resource Person	6
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. International level Refresher on **"EMERGING TRENDS IN DATA ANALYTICS AND MACHINE LEARNING"** sponsored by INSTITUTION INNOVATION CELL, organized by KARUNYA, DEEMED UNIVERSITY at Coimbatore during 18/09/2023 to 22/09/2023.
2. National level Refresher on **"ONLINE WORKSHOP ON CHATGPT FOR ACADEMICS"** sponsored by ST. JOSEPH COLLEGE organized by ST. JOSEPH COLLEGE at Trichy during 21/06/2023 to 21/06/2023.
3. National level Refresher on **"FDP on React JS"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 18/03/2023 to 18/03/2023.
4. International level Workshop on **"7 Secrets to Mastering Effective Communication Skills in English"** sponsored by Research India Foundation organized by BlueCrest University College at Bhubaneswar, Odisha, INDIA during 09/10/2022 to 09/10/2022.
5. College level Orientation on **"FDP on Student Mental Health"** sponsored by Bishop Heber College organized by Internal Quality Assurance Cell & Deanery of Academics at Trichy during 15/07/2022 to 15/07/2022.
6. National level Orientation on **"FDP on Machine Learning"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 10/03/2022 to 10/03/2022.
7. International level Refresher on **"Faculty Development Program on Patents and Innovative Teaching & Research Methodology"** sponsored by Bishop Heber College organized by PG Department of Computer Science (Shift II), at Trichy during 02/03/2022 to 06/03/2022.
8. International level Refresher on **"Two Days Faculty Development Programme on 'RECENT TRENDS IN RESEARCH',"** sponsored by SRM Institute of Science & Technology organized by Department of Computer Science and Application, at Chennai during 09/02/2022 to 10/02/2022.
9. International level Orientation on **"Machine Learning Algorithms for Dead Time Systems (MLADTS)"** sponsored by Geethanjali College of Engineering and Technology organized by Department of Electronics and Communication Engineering at Chennai during 24/01/2022 to 29/01/2022.
10. International level Refresher on **"Technologies for the New Era"** sponsored by Cauvery College for Women organized by Innova Club - Department of Information Technology, at Trichy during 22/01/2022 to 22/01/2022.
11. International level Seminar on **"Python Programming Language"** sponsored by Jayarani College of Arts and Science for Women organized by Department of Computer Science at Salem during 03/01/2022 to 03/01/2022.
12. College level Seminar on **"Research Training Program on Ethics in Research Practice and Innovation"** sponsored by Bishop Heber College organized by Department of Computer Science (Shift I) at Trichy during 17/12/2021 to 17/12/2021.
13. International level Conference on **"RECENT TRENDS IN CYBER SECURITY"** sponsored by Srimadhi Indira Gandhi College organized by the Department of Computer Science, Information Technology and Computer Applications, at Trichy during 15/12/2021 to 15/12/2021.
14. International level Refresher on **"BLENDED AND INCLUSIVE STRATEGIES IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING"** sponsored by Holy Cross College organized by PG Department of Computer Science at Trichy during 11/11/2021 to 22/11/2021.
15. International level Seminar on **"Robotics & Machine Learning"** sponsored by AIMAN College organized by Department of Computer Application at Trichy during 24/10/2021 to 24/10/2021.
16. National level Refresher on **"Recent Research innovation in Computer Science & Technology"** sponsored by PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE AND PG DEPARTMENT OF COMPUTER APPLICATIONS, organized by PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE AND PG DEPARTMENT OF COMPUTER APPLICATIONS, at Marudhar Kesari Jain College for Women, Vaniyambadi during 27/08/2021 to 28/08/2021.

17. National level Refresher on **"Research Trends in Data Science and Big Data Analytics"** sponsored by KG College of Arts and Science organized by Department of Computer Science at Coimbatore during 28/06/2021 to 03/07/2021.
18. National level Seminar on **"Research Initiatives and IPR Practices"** sponsored by Idhaya College for women organized by IQAC at Kallakurichi during 04/06/2021 to 04/06/2021.
19. State level Seminar on **"Research Trends in Computer Science"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 03/05/2021 to 03/05/2021.
20. College level Workshop on **"WORKSHOP ON E- RESOURCES"** sponsored by Bishop Heber College organized by Department of Library and Information Science at Trichy during 26/03/2021 to 27/03/2021.
21. International level Workshop on **"Research Ethics-software tools for doing research,publiation on Peer reviewed journal"** sponsored by Agurchand Manmull Jain College organized by Department of Computer Science at Chennai during 19/03/2021 to 19/03/2021.
22. State level Refresher on **"FDP on Artificial Intelligence and Machine Learning"** sponsored by Self organized by Department of Information technology at Bishop Heber College , Trichy during 26/02/2021 to 27/02/2021.
23. State level Seminar on **"Digital Principles and its Applications"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 27/01/2021 to 27/01/2021.
24. International level Conference on **"International Virtual Conference on Emerging Trends in Computing Science"** sponsored by Bishop Heber College organized by PG Department of Computer Science (Shift-II) at Trichy during 14/12/2020 to 14/12/2020.
25. State level Seminar on **"Social Media in the Age of Aritifical Intelligence"** sponsored by St. Aloysius College organized by PG Department of Information Technology at Mangaluru during 11/12/2020 to 11/12/2020.
26. State level Seminar on **"Image Processing trends and Applications"** sponsored by Bishop Heber College organized by Department of Computer Application at Trichy during 18/11/2020 to 18/11/2020.
27. State level Seminar on **"Open Source Application and .NET Core"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 28/10/2020 to 28/10/2020.
28. College level Workshop on **"E content Development"** sponsored by Bishop Heber College organized by IQAC at Trichy during 28/10/2020 to 02/11/2020.
29. College level Seminar on **"Breast Cancer Awareness"** sponsored by Bishop Heber College organized by Department of Computer Application and Sadhana at Trichy during 21/10/2020 to 21/10/2020.
30. State level Seminar on **"Cancer Awareness Program on Arivom Velvom Putru Noyaiyai"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 11/07/2020 to 11/07/2020.
31. State level Seminar on **"Predatory Journals - A Growing Threat for Acamicians"** sponsored by Bishop Heber College organized by Department of Computer Science at Trichy during 04/07/2020 to 04/07/2020.
32. College level Refresher on **"Special Lecture on Building Character and Competency through Whole Person Education"** sponsored by Bishop Heber College organized by IQAC at Trichy during 13/06/2020 to 16/06/2020.
33. State level Seminar on **"Data Analytics and Applications"** sponsored by Bishop Heber College organized by Department of Computer Science at Trichy during 12/06/2020 to 12/06/2020.

34. National level Seminar on **"Webinar on Recent trends in Cloud Computing"** sponsored by Jamal Mohamed College organized by Department of Computer Science at Trichy during 11/06/2020 to 11/06/2020.
35. National level Seminar on **"Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by Bishop Heber College organized by Department of Computer Application at Trichy during 05/06/2020 to 05/06/2020.
36. National level Seminar on **"Online Teaching Tool"** sponsored by Bishop Heber College organized by Department of Computer Science at Trichy during 30/05/2020 to 30/05/2020.
37. International level Seminar on **"Distriputed Cloud Computing in Social Media"** sponsored by Srimad Andavan Arts and Science College organized by PG and Research Department of Computer Science at Trichy during 29/05/2020 to 29/05/2020.
38. National level Seminar on **"Exploring Data Analytics using Spark platform and cloud service using kubernetes containers"** sponsored by Bishop Heber College organized by Department of Compute Science at Trichy during 28/05/2020 to 28/05/2020.
39. National level Seminar on **"Microsoft Azure and its services"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 27/05/2020 to 27/05/2020.
40. National level Seminar on **"Exploration Approach in Data Science"** sponsored by Idhaya College for women organized by Idhaya College for women at Kumbakonam during 27/05/2020 to 28/05/2020.
41. National level Seminar on **"Machine Learning"** sponsored by Sri amaravathi College of Arts and Science organized by Department of Copmuter Science at Karur during 26/05/2020 to 26/05/2020.
42. National level Seminar on **"Webinar on Data Science and Visualization using Python"** sponsored by CSI Gwalior chapter and the institution of engineers(India) organized by CSI Gwalior chapter and the institution of engineers(India) at India during 24/05/2020 to 24/05/2020.
43. International level Seminar on **"International Faculty Development Programme on AI based proctoring in Next Generation Education"** sponsored by Shasun Jain College for Women organized by IQAC at Chennai during 23/05/2020 to 23/05/2020.
44. National level Seminar on **"Guidelines for writing Research Paper"** sponsored by Arasu Engineering College organized by Research Committee at Thanjavur during 22/05/2020 to 22/05/2020.
45. National level Seminar on **"Training Programme on JAVA"** sponsored by St.Joseph's College of Engineering in Association with IIT, Bombay organized by St.Joseph's College of Engineering at Kanchipuram during 22/05/2020 to 22/05/2020.
46. State level Seminar on **"Webinar on Unlocking online Evaluation"** sponsored by Bishop Heber College organized by IQAC at Trichy during 22/05/2020 to 22/05/2020.
47. State level Seminar on **"Oppurtunities in Artificial Intelligence"** sponsored by Chendu College og Engineering and Technology organized by Chendu College og Engineering and Technology at during 21/05/2020 to 21/05/2020.
48. National level Seminar on **"Opportunities in Artificial Intelligence"** sponsored by Chendu Engineering College organized by Department of Computer Science at Trichy during 21/05/2020 to 21/05/2020.
49. State level Seminar on **"Webinar on online Teaching: The New Norm"** sponsored by Bishop Heber College organized by IQAC at Trichy during 21/05/2020 to 21/05/2020.
50. National level Seminar on **"Immunity Boosters for COVID'19"** sponsored by Bishop Heber College organized by Department of Nutrition and Dietetics and Heber Diet counselling cell at Trichy during 20/05/2020 to 20/05/2020.

51. International level Seminar on **"Put Your Dreams True"** sponsored by Emmylou Seaman organized by Emmylou Seaman at during 20/05/2020 to 20/05/2020.
52. National level Seminar on **"Uncovering Piazaa for Effective Teaching"** sponsored by Sri amaravathi College of Arts and Science organized by Department of Computer Science at Karur during 20/05/2020 to 20/05/2020.
53. National level Seminar on **"Online Faculty Development Programme on SAP"** sponsored by Jamal Mohamed College organized by PG Department of CS and IT at Trichy during 18/05/2020 to 18/05/2020.
54. National level Seminar on **"Online Faculty Development Programme on Data Science"** sponsored by Jamal Mohamed College organized by PG Department of CS and IT at Trichy during 18/05/2020 to 18/05/2020.
55. National level Seminar on **"Trends and scope in Robotics"** sponsored by Aaliam Muhamed Salegh College of Engineering organized by Department of Computer Science at Chennai during 16/05/2020 to 16/05/2020.
56. National level Seminar on **"Webinar on A Guide to Web Development"** sponsored by arpagam College of Engineering organized by Department of Computer Science and Engineering at Coimbatore during 12/05/2020 to 12/05/2020.
57. National level Seminar on **"A Guide to Web Development"** sponsored by Karpagam College of Engineering in association with Computer Society of India. organized by Department of Computer Science at Coimbatore during 12/05/2020 to 12/05/2020.
58. National level Seminar on **"Online Faculty Development Programme on Recent Trends in Color Image Processing"** sponsored by Patrician College of Arts and Science organized by Department of CS/CA & IT at Chennai during 11/05/2020 to 11/05/2020.
59. National level Seminar on **"Machine Learning Algorithms, Application And Trends"** sponsored by Shri Shankarlal Sundaribai Shashun Jain College For Woman organized by Department of Computer Science at Chennai during 10/05/2020 to 10/05/2020.
60. State level Workshop on **"Two Day Workshop On Internet Of Things"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 14/02/2020 to 15/02/2020.
61. International level Conference on **"Two Day International Conference On Research Technology Of Embeded System In Computer Science"** sponsored by Idhaya College for women organized by PG & Research Department of Computer Science at Thuraiyur during 03/02/2020 to 04/02/2020.
62. State level Workshop on **"Workshop On Social Media Marketing"** sponsored by Bishop Heber College organized by Department of Information Technology at Trichy during 26/09/2019 to 26/09/2019.
63. State level Workshop on **"Workshop On Student Counselling For Young Teacher"** sponsored by Bishop Heber College organized by P.G. Research Department Of Social Work at Trichy during 26/06/2019 to 26/06/2019.
64. State level Seminar on **"Faculty Recharging Programme"** sponsored by Bishop Heber College organized by IQAC at Trichy during 12/06/2019 to 12/06/2019.
65. State level Seminar on **"Academic And Administrative Audit In Pursuit Of Excellence In Higher Education Through Intensive Training For Leaders Of Academic Institutions"** sponsored by Bishop Heber College organized by Research And Development Cell at Trichy during 15/04/2019 to 17/04/2019.
66. College level Workshop on **"INTERNET OF THINGS"** sponsored by DEPARTMENT OF INFORMATION TECNOLOGY organized by DEPARTMENT OF INFORMATION TECHNOLOGY at BISHOP HEBER COLLEGE TRICHY during 27/02/2019 to 27/02/2019.
67. College level Workshop on **"Excel Prodigy"** sponsored by Bishop Heber Colleg organized by Department of Commerce at Trichy during 20/11/2018 to 21/11/2018.

68. College level Workshop on **"RAPID APPLICATION DEVELOPMENT USING PYTHON"** sponsored by DEPARTMENT OF INFORMATION TECHNOLOGY organized by DEPARTMENT OF INFORMATION TECHNOLOGY at BISHOP HEBER COLLEGE TRICHY during 22/09/2018 to 22/09/2018.
69. College level Workshop on **"Research Project Preparation for various Funding Agencies with Special Reference to W"** sponsored by Bishop Heber College organized by Department of Computer Applications ,Bishop Heber College at Trichy during 02/08/2018 to 02/08/2018.
70. College level Orientation on **"COMMUNICATION CLASS"** sponsored by IQAC, BISHOP HEBER COLLEGE organized by IQAC at BISHOP HEBER COLLEGE TRICHY during 28/07/2018 to 05/10/2018.
71. College level Orientation on **"ORIENTATION PROGRAM FOR NEW FACULTY"** sponsored by IQAC, BISHOP HEBER COLLEGE organized by IQAC at BISHOP HEBER COLLEGE TRICHY during 11/07/2018 to 11/07/2018.

Research Papers Presented

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1. **"Deep Neural Network Architectures, Applications and Challenges"** in the International conference on *Scientific and Technological Advancements for Reliable and Sustainable - Future (STARS-2022)* sponsored by Bishop Heber College, organized by Deanery of Academics & All Science Departments at Trichy during 16/11/2022 to 18/11/2022.
2. **"Classification Algorithms for Disease Diagnosis System"** in the International conference on *International Conference on Futuristic Technologies and Industry 5.0* sponsored by Bishop Heber College, organized by Department of Computer Science - Shift I at Trichy during 13/05/2022 to 13/05/2022.
3. **"AN EVALUATION OF FEATURE SELECTION METHODS PERFORMANCE FOR DATASET CONSTRUCTION"** in the International conference on *VIRTUAL INTERNATIONAL CONFERENCE ON FUTURISTIC COMMUNICATION AND NETWORK TECHNOLOGIES 2021* sponsored by VIT, organized by School of Electronics Engineering at Chennai during 10/12/2021 to 11/12/2021.
4. **"An Evaluation of Feature Selection Algorithm Performance"** in the International conference on *International Virtual Conference on Emerging Trends in Computing Sciences* sponsored by Bishop Heber College, organized by Department of Computer Science at Trichy during 14/12/2020 to 14/12/2020.
5. **"A STATISTICAL REPORT ON BRAIN TUMOR FOR CHILDREN AND ADULTS"** in the National conference on *RACSTAM 2012* sponsored by UGC, organized by BHARATHIDASAN UNIVERSITY at Trichy during 17/02/2012 to 01/01/1900.
6. **"A STUDY ON DECISION TREE ALGORITHM"** in the National conference on *MINEWARE12* sponsored by , organized by NPR ARTS AND SCIENCE COLLEGE at DINDIGUL during 01/01/1900 to 01/01/1900.

Publication in Journals

- 4

1. **"An Evaluation of Feature selection Methods Performance for Dataset Construction"** published in Lecture Notes in Electrical Engineering (CONFERENCE PROCEEDING) Vol. 1, Issue No. , May 2023 ISSN : 1876-1100.
2. **"Feature selection techniques in learning algorithms to predict truthful data"** published in Indian Journal of Science and Technology (PEER REVIEW) Vol. 10, Issue No. 16, March 2023 ISSN : 0974-6846.
Impact factor , Scopus Index , h - index 73, Citation index
3. **"Brain tumour classification using recursive partitioning analysis"** published in Adalya Journal (PEER REVIEW) Vol. 9, Issue No. 4, April 2020 ISSN : 1301-2746.
Impact factor , Scopus Index , h - index 4, Citation index
4. **"DECISION TREE CONSTRUCTION OF BRAIN TUMOR USING ROUGH SET"** published in IJARCSEE (E-JOURNAL) Vol. 2, Issue No. 12, January 1900 ISSN : ISSN:2277-9043.

Conferences / Workshops / Seminars Organised

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1. College level Seminar Entitled **"MELLA TAMIL INI VAZHUM"** at Bishop Heber College, sponsored by Department of Information Technology, during 20/02/2021 to 20/02/2021.
2. National level Seminar Entitled **"OPEN SOURCE APPLICATION AND .NET CORE"** at BISHOP HEBER COLLEGE, sponsored by DEPARTMENT OF INFORMATION TECHNOLOGY, during 28/10/2020 to 28/10/2020.

TRAINING PROGRAMME

- 2

- # COLLEGE level on **"Handling Communication Network Devices"** Sponsored by Department of Information Technology, Organized by Department of Information Technology at Bishop Heber College during 18/02/2019 - 06/03/2019.
- # COLLEGE level on **"Handling Communication Network Devices"** Sponsored by Department of Information Technology, Organized by Department of Information Technology at Systech Hardware & Networking Academy during 12/09/2018 - 14/09/2018.

1. College level Invited Lectures on **"Recent Trends in Computing Science"** at Bishop Heber College, 30/06/2023.
2. College level Invited Lectures on **"NET Exam Preparation for Paper I"** at Bishop Heber College Trichy, 10/06/2023.
3. National level Invited Lectures on **"Training Programme on NTA UGC NET"** at Jamal Mohamed College, 01/06/2023.
4. National level Invited Lectures on **"Training Programme on NTA UGC NET - Data Interpretation"** at Jamal Mohamed College, 31/05/2023.
5. College level Workshop on **"Application Development using .NET"** at Jamal Mohamed College, 22/02/2023.
6. College level Invited Lectures on **"COACHING FOR NET EXAM ON DATA INTERPRETATION"** at BISHOP HEBER COLLEGE, 09/11/2020.



Signature of Staff
(USHA P)