Dr.M.KASTHURI

Associate Professor,
Department of Computer Applications,
Bishop Heber College,
Tiruchirappalli - 17.

E-mail : kasthuri.ca@bhc.edu.in

Phone : 9842352989

Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Computer Science	Bharathidasan University	June 2017
MCA	Computer Science	Periyar University	2008
M.Phil.	Computer Science	Bharathidasan University	2005
MSc	Computer Science	Bharathiar University	2002
B.Sc	Computer Science	Bharathidasan University	2000

Cleared NET / SET :	Details	Year of Passing
NET		DEC 2019

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Tiruchirappalli	Associate Professor	01-08-2008	Till Date
Bishop Heeber Collge	Puthur, Trichy-17	Assistant Professor	19-09-2003	31-07-2008

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Table of Contents

CONFERENCES / WORKSHOPS / SEMINARS ATTENDED   -   53

1. International level Conference on **"*International Conference on The Impact of Disruptive Technologies*"** sponsored by St.Joseph College organized by St.Joseph College at Tiruchirappalli during 08/01/2024 to 09/01/2024.

2. College level Workshop on **"*Faculty Development Programme on Student Mental Health*"** sponsored by - organized by Internal Quality Assurance Cell and Deanery of Academics of Bishop Heber College at Trichy-17 during 15/07/2022 to 15/07/2022.

3. State level Workshop on **"*One Day Workshop on Acceleration of Machine Learning Computation*"** sponsored by - organized by UG Department of Computer Applications at Trichy-17 during 30/05/2022 to 30/05/2022.

4. International level Conference on **"*2nd International Virtual Conference on Intelligent and Computing Systems ICICS 2022*"** sponsored by - organized by UG Department of Computer Applications Bishop Heber College at Trichy-17 during 30/03/2022 to 30/03/2022.

5. National level Seminar on **"*Indias Achievements in Science and Technology*"** sponsored by VIGYAN SARVATRA PUJYATE organized by TN Science and Technology Centre TN Astronomical Science Bishop Heber College at Trichy-17 during 22/02/2022 to 28/02/2022.

6. Regional level Workshop on **"*Faculty Development Program on Telecom Technologies*"** sponsored by - organized by Bharat Sanchar Nigam Limited at Trichy during 11/02/2022 to 11/02/2022.

7. International level Conference on **"*RECENT TRENDS IN CYBER SECURITY*"** sponsored by Shrimati Indira Gandhi College organized by Shrimati Indira Gandhi College at Tiruchirappalli during 15/12/2021 to 01/01/1900.

8. College level Orientation on **"*Inter Departmental Badminton Women Tournament*"** sponsored by - organized by UG Department of Computer Applications Department of Informational Technology and Department of Physical Education Bishop Heber College at Trichy-17 during 01/10/2021 to 01/10/2021.

9. College level Workshop on **"*A Two Day Workshop on E Resources A Boon for the Teaching and Research*"** sponsored by - organized by PG Research Department of Library and Information Science and College Library Bishop Heber College at Trichy-17 during 26/03/2021 to 27/03/2021.

10. International level Conference on **"*International Conference on Intelligent and Computing Systems – (ICICS 2021)*"** sponsored by UG Department of Computer Applications, Bishop Heber College organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

11. International level Conference on **"*International Virtual Conference on Emerging Trends in Computing 2020*"** sponsored by Department of Computer Science, organized by Department of Computer Science, at Tiruchirappalli during 14/12/2020 to 14/12/2020.

12. College level Seminar on **"*Virtual and Augmented Reallity*"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 03/08/2020 to 03/08/2020.

13. International level Seminar on **"*Scope and Impact of Artificial Intelligence and Machine Learning*"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 05/06/2020 to 05/06/2020.

14. International level Seminar on **"*Recent Trends in Information Technology - 2020*"** sponsored by J. J. College of Arts and Science organized by J. J. College of Arts and Science at Pudukkottai during 24/05/2020 to 24/05/2020.

15. State level Seminar on **"*Humanoid Robotics*"** sponsored by Bhaktavatsalam Memorial College for Women organized by Bhaktavatsalam Memorial College for Women at Chennai during 23/05/2020 to 23/05/2020.

16. National level Seminar on **"*Basics of Quantum Computing*"** sponsored by Agurchand Manmull Jain college organized by Agurchand Manmull Jain college at Chennai during 22/05/2020 to 22/05/2020.

17. State level Seminar on **"*Computing Paradigms*"** sponsored by Don Bosco College organized by Don Bosco College at Yelagiri Hills during 21/05/2020 to 21/05/2020.

18. National level Seminar on **"*Artificial Intelligence and its Applications*"** sponsored by Hindustan College of Arts and Science organized by Hindustan College of Arts and Science at Chennai during 21/05/2020 to 21/05/2020.

19. State level Seminar on **"*Immunity Booster for COVID-19*"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 20/05/2020 to 20/05/2020.

20. State level Seminar on **"*Trend and Scope in Robotics*"** sponsored by Aalim Muhammed salegh College of Engineering organized by Aalim Muhammed salegh College of Engineering at Chennai during 16/05/2020 to 16/05/2020.

21. State level Seminar on **"*Trends and Scope in Robotics*"** sponsored by Aalim Muhammed Salegh College of Engineering organized by Aalim Muhammed Salegh College of Engineering at Chennai during 16/05/2020 to 16/05/2020.

22. State level Seminar on **"*Recent Trends in Cloud Computing*"** sponsored by Jamal Mohamed College organized by Jamal Mohamed College at Trichy during 11/05/2020 to 11/05/2020.

23. State level Seminar on **"*Machine Learning Algorithms, Applications and Trends*"** sponsored by Shasun Jain College for Women organized by Shasun Jain College for Women at Chennai during 10/05/2020 to 10/05/2020.

24. International level Seminar on **"*Futuristic Information and Communication Technologies*"** sponsored by Computer Society of India organized by Computer Society of India at Jaipur during 10/05/2020 to 01/01/1900.

25. International level Seminar on **"*Recent Insights on Cyber Security*"** sponsored by Cauvery College for Women organized by Cauvery College for Women at Tiruchirappalli during 07/05/2020 to 07/05/2020.

26. National level Seminar on **"*Institutional Governance and Best Practices*"** sponsored by Sri GVG Visalakshi College for Women organized by Sri GVG Visalakshi College for Women at Udumalpet during 06/05/2020 to 06/05/2020.

27. State level Seminar on **"*Recent Trends in Computer Science*"** sponsored by St. Joseph's College organized by St. Joseph's College at Tiruchirappalli during 24/04/2020 to 01/01/1900.

28. College level Workshop on **"*Two days workshop on Ecology at Valparai*"** sponsored by - organized by Sadhana Women Cell Bishop Heber College at Valparai during 15/02/2020 to 16/02/2020.

29. College level Workshop on **"*Social Media Marketing*"** sponsored by Bishop Heber College organized by Department of Information Technology at Tiruchirappalli during 26/09/2019 to 26/09/2019.

30. College level Seminar on **"*Staff Seminar*"** sponsored by Bishop Heber College organized by Department of Computer Applications in Association with Student Counselling Center at Tiruchirappalli during 21/08/2019 to 21/08/2019.

31. College level Orientation on **"*Faculty Development Program*"** sponsored by Bishop Heber College organized by Internal quality Assurance Cell at Tiruchirappalli during 12/06/2019 to 13/06/2019.

32. Regional level Workshop on **"*Faculty Development Program in Python with Data Science*"** sponsored by Be Positive For Skilling Pvt Ltd organized by Be Positive For Skilling Pvt Ltd at Tiruchirappalli during 17/12/2018 to 17/12/2018.

33. College level Orientation on **"*Faculty Development Program in Python with Data Science*"** sponsored by Be Positive Institute for Skilling PVT LTD(BPIS) organized by Be Positive Institute for Skilling PVT LTD(BPIS) at Tiruchirappalli during 17/12/2018 to 17/12/2018.

34. International level Conference on **_Three day International Conference on BLOOMING TRENDS IN TECH CHALLENGES AND OPPORTUNITIES_** sponsored by - organized by PG and Research Department of Computer Science at Trichy 1 during 27/09/2018 to 29/09/2018.

35. College level Workshop on **_Open Stack Cloud Computing_** sponsored by Bishop Heber College organized by Department of Computer Applications at Tiruchirappalli during 01/09/2018 to 01/09/2018.

36. College level Workshop on **_Research Project Preparation for Various Funding Agencies with Special Reference to Women Scientist Scheme_** sponsored by Bishop Heber College organized by Department of Computer Applications at Tiruchirappalli during 02/08/2018 to 02/08/2018.

37. College level Workshop on **_Examinations and Evaluation Reforms_** sponsored by IQAC Bishop Heber College organized by IQAC Bishop Heber College at Tiruchirappalli during 10/03/2018 to 10/03/2018.

38. National level Conference on **_National Conference on Computing Technologies_** sponsored by PG Department of Computer Science Bishop Heber College organized by PG Department of Computer Science Bishop Heber College at Tiruchirappalli during 26/02/2018 to 26/02/2018.

39. College level Workshop on **_Angular JS_** sponsored by Department of Computer Applications Bishop Heber College organized by Department of Computer Applications Bishop Heber College at Tiruchirappalli during 24/02/2018 to 24/02/2018.

40. College level Workshop on **_Ecology at Topslip_** sponsored by Bishop Heber College organized by Sadhana Womens Cell at Topslip during 10/02/2018 to 11/02/2018.

41. National level Workshop on **_Curriculum Design and Evaluation Techniques_** sponsored by DBT organized by Bishop Heber College at Trichy-17 during 21/11/2016 to 22/11/2016.

42. International level Seminar on **_Wearable Devices and Big data_** sponsored by Alumni Associaton organized by Bishop Heber College at Trichy-17 during 06/04/2016 to 06/04/2016.

43. International level Conference on **_Emerging Research Computing, Information, Communication and Applications_** sponsored by - organized by NITTE Meenakshi Institute of Technology at Bangalore during 01/08/2014 to 02/08/2014.

44. National level Conference on **_Information Technology for Sustainable Future_** sponsored by Jain University organized by Jain University at Bangalore during 09/05/2014 to 09/05/2014.

45. International level Conference on **_world congress on computing and communication technologies_** sponsored by - organized by St.Joseph college at Trichy during 27/02/2014 to 01/03/2014.

46. International level Conference on **_Contemporary Trends in Computer Science_** sponsored by - organized by J/J College of Arts and Science at Pudukkottai during 20/02/2014 to 21/02/2014.

47. College level Workshop on **_Smart devices programming using android_** sponsored by - organized by St.Joseph college at Trichy during 08/12/2012 to 08/12/2012.

48. College level Workshop on **_capacity building programme_** sponsored by IQAC organized by Bishop heber college at Trichy-17 during 25/02/2012 to 25/02/2012.

49. National level Seminar on **_semantic information retrival_** sponsored by - organized by NIT ,computer applications at trichy during 30/01/2012 to 30/01/2012.

50. National level Workshop on **_Examination Reforms & Evaluation_** sponsored by IQAC organized by Bishop Heber College at Trichy-17 during 25/03/2011 to 26/03/2011.

51. National level Workshop on **"*Essentials ofC#*"** sponsored by ICT Academy of Tamil Nadu organized by Bharathidassan University at Trichy during 26/03/2010 to 27/03/2010.

52. International level Conference on **"*Semantic E-Businessand enterprise Computing*"** sponsored by UGC organized by Bishop Heber College at Trichy-17 during 04/11/2009 to 06/11/2009.

53. National level Conference on **"*Distributed Database and Computing*"** sponsored by UGC organized by Gobi Arts and Science College at Gobichettipalayam during 28/03/2004 to 29/03/2004.

1. **"Enhancing Chest X-Ray Image Classification Accuracy through Customized VGG19 Architecture"** in the International conference on sponsored by International Conference on The Impact of Disruptive Technologies, organized by St.Joseph College at Tiruchirappalli during 08/01/2024 to 09/01/2024.

2. **"Comparative Analysis of Dyslexia Prediction in Children and Adults Using Different Datasets Based on ML Classifiers"** in the International conference on *International Conference on The Impact of Disruptive Technologies* sponsored by , organized by St.Joseph College at Tiruchirappalli during 08/01/2024 to 09/01/2024.

3. **"Comparative Analysis of SMOTE Techniques and Machine Learning Models for Imbalanced Medical Datasets"** in the International conference on *International Conference on The Impact of Disruptive Technologies* sponsored by , organized by St.Joseph College at Tiruchirappalli during 08/01/2024 to 09/01/2024.

4. **"Emerging Trends in Wireless Sensor Networks"** in the International conference on *International Conference on Scientific and Technological Advancements for Reliable and Sustainable future STARS 2022* sponsored by -, organized by Deanery of Academics and all the Science Departments at Bishop Heber College at Trichy 17 during 16/11/2022 to 18/11/2022.

5. **"A Survey Paper On Cyber Security Attacks"** in the International conference on *2nd International Conference on Intelligent and Computing Systems ICICS 2022* sponsored by -, organized by UG Department of Computer Applications Bishop Heber College at Trichy 17 during 30/03/2022 to 30/03/2022.

6. **"Segmentation for Security Images"** in the International conference on *RECENT TRENDS IN CYBER SECURITY* sponsored by , organized by Shrimati Indira Gandhi College at Tiruchirappalli during 15/12/2021 to 01/01/1900.

7. **"3D-Image Classification Using Convolution Neural Network for CIFAR-10 Dataset"** in the International conference on *International Conference on Intelligent and Computing Systems – (ICICS 2021)* sponsored by , organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

8. **"IoT Enabled Green Innovative Irrigation (GII) System"** in the International conference on *International Conference on Intelligent and Computing Systems – (ICICS 2021)* sponsored by , organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

9. **"An Analysis on Image Mining Techniques and its Application in Medical Field"** in the International conference on *International Conference on Intelligent and Computing Systems – (ICICS 2021)* sponsored by , organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

10. **"An Enhanced Block Chain Architecture for Rumour Identification in Social Network"** in the Select conference on *International Conference on Intelligent and Computing Systems – (ICICS 2021)* sponsored by , organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

11. **"A Systematic Review of Literature on Dyslexia Prediction Using Machine Learning Algorithms"** in the International conference on *International Virtual Conference on Emerging Trends in Computing 2020* sponsored by , organized by UG Department of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/03/2021 to 22/03/2021.

12. **"A Review on Diagnostic Autism Spectrum Disorder Approaches Based on the Machine Learning"** in the International conference on *International Virtual Conference on Emerging Trends in Computing 2020* sponsored by , organized by Department of Computer Science, Bishop Heber College at Tiruchirappalli during 14/12/2020 to 14/12/2020.

13. **"The study of Feature Extraction Image Processing Using Convolution Neural, Patch Match and Support Vector Machine Classifier"** in the International conference on *International Virtual Conference on Emerging Trends in Computing 2020* sponsored by , organized by Department of Computer Science, Bishop Heber College at Tiruchirappalli during 14/12/2020 to 14/12/2020.

14. **"International Virtual Conference on Emerging Trends in Computing 2020"** in the Select conference on *International Virtual Conference on Emerging Trends in Computing 2020* sponsored by , organized by Department of Computer Science, Bishop Heber College at Tiruchirappalli during 14/12/2020 to 14/12/2020.

15. **"A Comparative Study on Various Clustering Technologies in Data Maining"** in the International conference on *Blooming Trends in tech Challenges and Opportunities* sponsored by , organized by National College at Tiruchirappalli during 27/09/2018 to 29/09/2018.

16. **"A Survey on Sentimental Analysis Techniques"** in the International conference on *Blooming Trends in Tech Challenges and Opportunities* sponsored by IEEE Computer Society, organized by National College at Tiruchirappalli during 27/09/2018 to 29/09/2018.

17. **"PLIS: Proposed Language Independent Stemmer for Information Retrieval Systems Uisng Dynamic Programming"** in the International conference on *2nd World Congress on Computing and Communication Technologies* sponsored by -, organized by St.Josephs College at Tiruchirappalli during 02/02/2017 to 04/02/2017.

18. **"Multilingual Phonetic Based Stem Generation"** in the International conference on *Emerging Research computing, Information, Communication and applications* sponsored by -, organized by NITTE Meenakshi Institute of Technology at Bangalore during 01/08/2014 to 02/08/2014.

19. **"A Novel Approach for PhoneticBased Stem Generation using Edit Distance and Longest Common Subsequences"** in the National conference on *Information Technology for Sustainable Future* sponsored by -, organized by Jain Ubniversity at Bangalore during 09/05/2014 to 09/05/2014.

20. **"Rule Based Machine Translation System From English to Tamil"** in the International conference on *World congress on Computing and Communication Technologies* sponsored by -, organized by St.Josephs College at Trichy-02 during 27/02/2014 to 01/03/2014.

21. **"Systematic Optimization and Refinement of Stemmer Rule Sets using NLTK"** in the International conference on *Contemporary trend in Computer Science* sponsored by -, organized by J.J Collge of Arts and Science at Pudukkottai during 20/02/2014 to 21/02/2014.

22. **"A Comprehensive Study on Stemming Algorithms"** in the International conference on *5th International Conference on Semantic E-Business and Enterprise Computing (SEEC)* sponsored by -, organized by SEEC at Mauritius during 13/12/2012 to 15/12/2012.

Publication in Journals   -   25

1. **"Refining the Accuracy of Chest X-Ray Image Classification Through Layer and Activation Function Optimization"** published in Indian Journal of Science and Technology (PEER REVIEW) Vol. 16, Issue No. 13, April 2023 **ISSN :** 0974-6846.

2. **"Boosting Image classification using Refined Feature Extraction-A Case study of Image Classification"** published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, October 2021 **ISSN :** 2008-8019.

3. **"Dyslexia Prediction Using Machine Learning Algorithms – A Review"** published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, October 2021 **ISSN :** 2008-8019.

4. **"Performance Evaluation of IoT enabled Green Irrigation System (GIIS) for Agriculture and Gardening Field"** published in International Journal of Aquatic Science (SELECT) Vol. 12, Issue No. 2, October 2021 **ISSN :** 2008-8019.

5. **"A Review on Diagnostic of Autism Spectrum disorder Based on the Machine Learning Approaches"** published in International Journal of Aquatic Science (PEER REVIEW) Vol. 12, Issue No. 2, October 2021 **ISSN :** 2008-8019.

6. **"Improving the Performance of Lung Cancer Prediction Using Machine Learning Techniques on Big Data"** published in International Journal of Computer Science and Mobile Computing (PEER REVIEW) Vol. 9, Issue No. 10, October 2020 **ISSN :** 2320–088X.

7. **"Lung Cancer Prediction Using Machine Learning Algorithms on Big Data: Survey"** published in International Journal of Computer Science and Mobile Computing (PEER REVIEW) Vol. 9, Issue No. 10, October 2020 **ISSN :** 2320–088X.

8. **"Image Of De-Noising Using Linear Mean Filter For Various Block Size"** published in INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH (PEER REVIEW) Vol. 8, Issue No. 10, October 2019 **ISSN :** 2277-8616.

9. **"MEAN FILTERING TO DE-NOISING IMAGE USING VARIOUS BLOCK SIZE"** published in International Journal of Advanced Scient ific Research and Management (PEER REVIEW) Vol. 4, Issue No. 6, June 2019 **ISSN :** 24556378.

10. **"Performance Analysis of Proposed Language Independent Stemmer"** published in International Journal for Research in Engineering Application & Management (IJREAM) (PEER REVIEW) Vol. 5, Issue No. 2, May 2019 **ISSN :** 2454-9150.

11. **"A Survey on Sentimental Analysis Techniques"** published in International Journal of Computer Science and Engineering (PEER REVIEW) Vol. 6, Issue No. 11, December 2018 **ISSN :** 23472693.

12. **"A Comparative Study on Various Clustering Technologies in Data Mining"** published in International Journal of Computer Science and Engineering (PEER REVIEW) Vol. 6, Issue No. 11, December 2018 **ISSN :** 23472693.

13. **"A Survey on Sentimental Analysis Techniques"** published in International Journal for Research in Engineering Application & Management (IJREAM) (PEER REVIEW) Vol. 6, Issue No. 11, December 2018 **ISSN :** 2347-2693.

14. **"System Implementation and Testing of Proposed Language Independence Stemmer"** published in International Journal of Computer Science and Enginerring (PEER REVIEW) Vol. 6, Issue No. 11, November 2018 **ISSN :** 23472693.

15. **"Proposed Architecture for Language Independent Stemmer"** published in Journal of Emerging Technologies and Innovative Research (PEER REVIEW) Vol. 5, Issue No. 10, October 2018 **ISSN :** 23495162.

16. **"Prediction and Classification of Patient Data Using Mutually Correcting Nonparametric Model"** published in Journal of Network Communications and Emerging Technologies (PEER REVIEW) Vol. 8, Issue No. 23955317, February 2018 **ISSN :** ---.

17. **"PLIS: Proposed Language Independent Stemmer for Information Retrieval Systems Using Dynamic Programming"** published in IEEE (CONFERENCE PROCEEDING) Vol. 1, Issue No. 1, February 2017 **ISSN :** 9781509055739.
    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** -

18. **"A Framework for Langugae Independent Stemmer Using Dynamic Programming"** published in International Journal of Applied Engineering Research (PEER REVIEW) Vol. 10, Issue No. 18, January 2015 **ISSN :** 0973-4562.
    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** -

19. **"A Comprehensive Analysis of Stemming Algorithms for Indian and Non-Indian Languages"** published in International Journal of Computer Engineering and Applications (PEER REVIEW) Vol. 7, Issue No. 3, September 2014 **ISSN :** 2321-3469.
    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** 2

20. **"Multilingual Phonetic Based Stem Generation"** published in ELSEVIER Science::Technology (CONFERENCE PROCEEDING) Vol. 1, Issue No. 1, August 2014 **ISSN :** 9789351072607.

    Impact factor , **Scopus Index** -, **h - index** 2, **Citation index** 4

21. **"An Improved Rule Based Iterative Affix Stripping Stemmer for Tamil Language Using K-Mean Clustering"** published in International Journal of Computer Applications (PEER REVIEW) Vol. 94, Issue No. 13, May 2014 **ISSN :** 0975-8887.
    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** 2

22. **"A Novel Approach for Phonetic Based Stem Generation Using Edit Distance and Longest Common Subsequences"** published in International Journal of Engineering Research and Technology (CONFERENCE PROCEEDING) Vol. 1, Issue No. 1, May 2014 **ISSN :** 2278-0181.
    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** -

23. **"Rule Based Machine Translation System from English to Tamil"** published in IEEE (CONFERENCE PROCEEDING) Vol. 1, Issue No. 1, March 2014 **ISSN :** 9781479928767.

    Impact factor , **Scopus Index** -, **h - index** -, **Citation index** 1

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24. **"A Comprehensive Study on Variants of Classical Stemmer Algorithm"** published in International Journal on Scientific Transaction in Environment and Technovation (PEER REVIEW) Vol. 6, Issue No. 4, June 2013 **ISSN :** 0973-9157.
 Impact factor , **Scopus Index -**, **h - index -**, **Citation index -**

25. **"A Comprehensive STudy on Stemming Algorithms"** published in Softwrae Quality Engineering for Enterprise and Cloud Computing (CONFERENCE PROCEEDING) Vol. 1, Issue No. -, December 2012 **ISSN :** 9789382062646.
 Impact factor , **Scopus Index -**, **h - index -**, **Citation index -**

Books Published / Edited   -   6

* Dr. M. Kasthuri . *Click'r - 4th STD Windows 7 and MS Office 2010*. Tiruchirappalli : Maria Publishers Pvt Ltd , March 2022.
* Dr.M.Kasthuri . *7th STD Clicr Windows 7 and MS Office 2010*. Tiruchirappalli : Maria Publishers Pvt.Ltd , January 2022.
* Dr.M.Kasthuri . *8th STD Clickr Windows 7 and MS Office 2010*. Tiruchirappalli : Maria Publishers Pvt.Ltd , January 2022.
* M.Kasthuri . *Clicke'r Computer Information Technology - 9th Standard*. Tiruchirappalli : Maria Publishers Pvt Ltd , June 2014.
* M.Kasthuri . *Clicke'r Computer Information Technology - 4th Standard*. Tiruchirappalli : Maria Publishers Pvt Ltd , June 2012.
* M.Kasthuri . *Clicke'r Computer Information Technology - 8th Standard*. Tiruchirappalli : Maria Publishers Pvt Ltd , June 2012.

Conferences / Workshops / Seminars Organised   -   8

1. International level Conference Entitled **"Served as a Member of Scientific Committee in the International Conference on Scientific and Technological Advancements for Reliable and Sustainable Future STARS 2022"** at Trichy-17, sponsored by Deanery of Academics and all the Scientific Departments Bishop Heber Colleg, during 16/11/2022 to 18/11/2022.

2. National level Workshop Entitled **"Served as a Member of Organizing Committee for the National Science Week Feb 22 to 28 2022"** at Trichy-17, sponsored by Principal Society Advisor in the Government of India TN Science and Technology Centre TN Astronomical Science Society and Bishop Heber College, during 22/02/2022 to 28/02/2022.

3. International level Conference Entitled **"International Conference on Intelligent and Computing Systems"** at Tiruchirappalli, sponsored by Bishop Heber College, during 22/03/2021 to 22/03/2021.

4. College level Seminar Entitled **"World Mother Language Day"** at Tiruchirappalli, sponsored by , during 21/08/2020 to 01/01/1900.

5. International level Seminar Entitled **"Current IT Industry Expectations from Freshers"** at Tiruchirappalli, sponsored by , during 06/08/2020 to 06/08/2020.

6. College level Seminar Entitled **"Intra Department Cultural Meet – CADEP'2020"** at Tiruchirappalli, sponsored by , during 28/02/2020 to 28/02/2020.

7. State level Workshop Entitled **"State Level Hands on Workshop on Python"** at Bishop Heber College Trichy 17, sponsored by -, during 20/02/2020 to 20/02/2020.

8. National level Workshop Entitled **"Organizing the National Level Workshop on Real Time Applications Using Next Generation IoT Technology"** at Bishop Heber College Trichy 17, sponsored by -, during 14/02/2020 to 14/02/2020.

Awards Recieved - 4

Award Name	Presented by	Year	Level	Instituted by / Place	amount
BEST RESEARCHER AWARD 2020	Bishop Heber College	01/03/2020	COLLEGE	Bishop Heber College	
Global Teacher Award 2019	AKS Education Awards	15/09/2019	INTERNATIONAL	AKS Education Awards	
Best Researcher Junior Category		01/01/2019	COLLEGE	Bishop Heber College	
Best Performer Award	Microsoft	01/12/2018	STATE	CertifyTN Certiport Tamilnadu Exclusive	

RESEARCH PROJECTS - 2

1. Minor project entitled **"IoT enabled Green Innovative Irrigation (GII) System"** (*PRINCIPAL INVESTIGATOR*), Sponsored by Bishop Heber College, during 23/12/2020 to 07/31/2021 [Completed].

2. Minor project entitled **"Langauge Independent STemmer"** (*PRINCIPAL INVESTIGATOR*), Sponsored by UGC, during 10/04/2015 to 07/31/2021 [Completed].

PROFESSIONAL MEMBERSHIP - 1

* Academic Auditor of Nalamuthu Gounder Mahalingam College Pollachi during 22/02/2020 - Till Date

RESOURCE PERSON - 8

1. University level Invited Lectures on **"NTA UGC NET PAPER II - COMPUTER NETWORKS"** at Jamal Mohamed College, 09/11/2023.
2. University level Invited Lectures on **"NTA UGC NET PAPER I - TEACHING APTITUDE"** at Jamal Mohamed College, 05/11/2023.
3. University level Invited Lectures on **"A FIVE DAY TRAINING PROGRAMME ON NTA UGC NET PAPER - I"** at Jamal Mohamed College, 30/05/2023.
4. International level Resource Person on **"Ten Days Virtual Faculty Development Program - An Art of Innovative Approaches on Research Pedagogy"** at VET Institute of Arts and Science (Co-education) College, Erode, 18/12/2022.
5. College level Invited Lectures on **"Culinary"** at Bishop Heber College, Tiruchirappalli, 15/11/2021.

6. College level Workshop on **"Hands-on Training in Online Teaching Tools"** at Tiruchirappalli, 27/08/2020.

7.

8. Regional level on **"Importance of Entrepreneur"** at Tiruchirappalli, 30/01/2020.

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Type	Nature	Patent No.	Status	Month & Year
INTERNATIONAL	A CLOUD COMPUTING BASED TECHNIQUE TO BALANCE LOAD OVER NETWORK	202241010376	APPLIED	4/3/2022 12:00:0(

Signature of Staff

(M.KASTHURI)