Dr.P.THANGARAJU

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

E-mail : thangarajubhc@yahoo.co.in

Phone : 9842528838

Web:

Qualification

Degree	Branch	Institution / University	Year of Passing
PhD	Computer Science	Bharathiar University	2016
M.Phil.	Computer Science	Bharathidasan University	2005
M.C.A	Computer Applications	Bharathidasan University	2003
M.Sc	Applied Physics[Computer Electronics]	Bharathidasan University	1999
B.Sc	Physics	University Of Madras	1995

Ph.D. Details

Title of Thesis	Area of Specialization
A Study on Dimensionality Reduction Techniques based Naive Bayes Classification Algorithm for Hepatitis Diagnosis	Data Mining

Research Supervisor	Research Centre	Year of Award
Dr.T.Karthikeyan	Research and Development Center, Dept. of Computer Science, Bharathiar University,Coimbatore	September 2016

Cleared NET / SET :	Details	Year of Passing
NET	TN1452000485	JUNE 2020

Cleared NET / SET :	Details	Year of Passing
SET	1303569	FEBRUARY 2016

Additional Qualification

Name of Course	Place of Study	Date	Duration
P.G.D.C.A	Bishop Heber College	30-04-2000	1999-2000
DISM	Aptech Computer Education	30-05-1996	1995-1996

20/05/2024   11:38:38AM   Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

1

IT Support, BHC.

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Vayalur Road, Puthur, Tiruchirappalli-620017	Associate Professor	12-07-2000	Till date

Teaching / Research Experience

U.G. :	23	P.G. :	23	M.Phil.	11	Ph.D.	5

Research Guidance

U.G. :	50	P.G. :	500	M.Phil. :	17	Ph.D. :	5
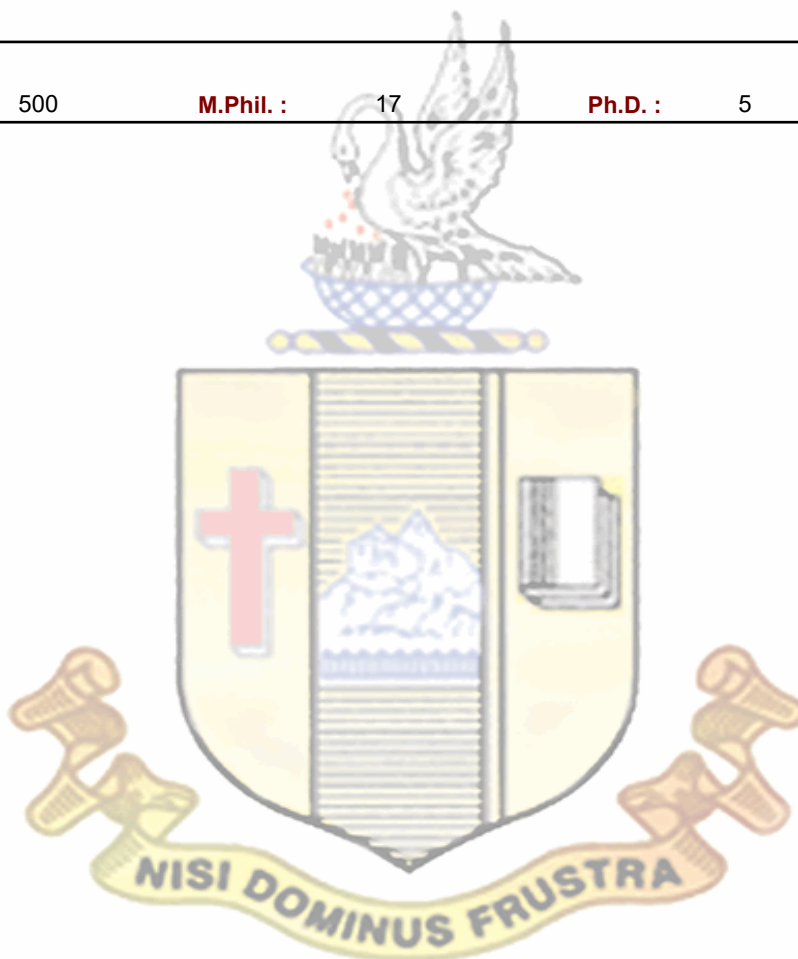
Table of Contents

CONFERENCES / WORKSHOPS / SEMINARS ATTENDED   -   50

1. State level Seminar on **"Hardware and Networking"** sponsored by Sri Jeyandra saraswathi Maha vidyalaya College of Arts and Science organized by Sri Jeyandra saraswathi Maha vidyalaya College of Arts and Science at Coimbatore during 06/08/2021 to 06/08/2021.

2. International level Seminar on **"   Art of Effective Education During Pandemic Scenario"** sponsored by Dept of Pedagogical Sciences, Tamil Nadu Teachers Education University, Chennai organized by Dept of Pedagogical Sciences, Tamil Nadu Teachers Education University, Chennai at Lakshmi College of Education, Dindigal during 23/07/2021 to 29/07/2021.

3. College level Seminar on **"Building Character and Competency through whole Person Education"** sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Tiruchirappalli during 13/10/2020 to 13/10/2020.

4. National level Seminar on **"Python for Natural Language Processing"** sponsored by Dept. of Computer Science and Computer Applications, Avinasalingam Institute for Home Science and Higher Education for Women organized by Dept. of Computer Science and Computer Applications, Avinasalingam Institute for Home Science and Higher Education for Women at Coimbatore during 07/10/2020 to 07/10/2020.

5. National level Seminar on **"Information Technology Infrastructure Library"** sponsored by PG Dept. of Computer Applications, Bishop Heber College organized by PG Dept. of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/07/2020 to 22/07/2020.

6. National level Seminar on **"Information Technology Infrastructure Library"** sponsored by PG Dept. of Computer Applications, Bishop Heber College organized by PG Dept. of Computer Applications, Bishop Heber College at Tiruchirappalli during 22/07/2020 to 22/07/2020.

7. International level Seminar on **"6G technologies"** sponsored by Dept. of IT, Hindustan College of Arts and Science organized by Dept. of IT, Hindustan College of Arts and Science at Coimbatore during 16/07/2020 to 16/07/2020.

8. National level Seminar on **"Research Writing Tools and Techniques"** sponsored by PG Dept. of Computer Applications, Bishop Heber College organized by PG Dept. of Computer Applications, Bishop Heber College at Tiruchirappalli during 15/07/2020 to 15/07/2020.

9. National level Seminar on **"Collaborative learning Strategies and Practices"** sponsored by Sri Ramakrishna College of Arts and Science College organized by Sri Ramakrishna College of Arts and Science College at Coimbatore during 25/06/2020 to 25/06/2020.

10. National level Seminar on **"Recent trends in wireless communication"** sponsored by Dept. of electronics and telecommunication, RC Patel Institute of Technology organized by Dept. of electronics and telecommunication, RC Patel Institute of Technology at Shirpur during 07/06/2020 to 07/06/2020.

11. National level Seminar on **"FDP on Internet of things"** sponsored by NMAM Institute of Technology organized by NMAM Institute of Technology at Bangalore during 27/05/2020 to 27/05/2020.

12. College level Seminar on **"webinar on unlocking online evaluation"** sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Tiruchirappalli during 22/05/2020 to 22/05/2020.

13. -1 level Seminar on **"Online teaching : The new Norm"** sponsored by IQAC, Bishop Heber College organized by IQAC, Bishop Heber College at Tiruchirappalli during 21/05/2020 to 21/05/2020.

14. National level Orientation on **"5 days FDP on Artificial intelligence and Machine learning"** sponsored by CMR Engineering College organized by CMR Engineering College at Hyderabad during 18/05/2020 to 22/05/2020.

15. National level Orientation on **"5 days FDP on Artificial intelligence and Machine learning"** sponsored by CMR Engineering College organized by CMR Engineering College at Hyderabad during 18/05/2020 to 22/05/2020.

16. National level Orientation on **"*10 Days FDP on Innovative Knowledge tuning for academicians*"** sponsored by Dept. of Arts, Science and Management Studies, S, Peter institute of Higher Education and research organized by Dept. of Arts, Science and Management Studies, S, Peter institute of Higher Education and research at chennai during 18/05/2020 to 27/05/2020.

17. National level Seminar on **"*FDP on Data Science*"** sponsored by PG Dept. of Computer Science and IT, Jamal Mohamed College organized by PG Dept. of Computer Science and IT, Jamal Mohamed College at Tiruchirappalli during 18/05/2020 to 18/05/2020.

18. National level Seminar on **"*FDP on SAP*"** sponsored by CSI, Tiruchirappalli chapter, organized by PG Dept. of Computer Science and IT at Tiruchirappalli during 18/05/2020 to 18/05/2020.

19. -1 level Seminar on **"*Modern Teaching Techniques*"** sponsored by Dr. Zakir Husain College, Illayangudi organized by Dr. Zakir Husain College, Illayangudi at Illayangudi during 17/05/2020 to 17/05/2020.

20. National level Seminar on **"*Knowledge based innovative MSME Schemes for academic institutions*"** sponsored by Mangalam College of Engineering organized by Mangalam College of Engineering at kerala during 16/05/2020 to 16/05/2020.

21. National level Seminar on **"*Hangout with successful startup*"** sponsored by Prathyusha Engineering College organized by Prathyusha Engineering College at during 16/05/2020 to 16/05/2020.

22. National level Seminar on **"*Cloud and Infrastructure as a service*"** sponsored by Dept. of Computer Science and Engineering, Hindustan College of Engineering and Technology organized by Dept. of Computer Science and Engineering, Hindustan College of Engineering and Technology at Coimbatore during 14/05/2020 to 14/05/2020.

23. National level Seminar on **"*Current Trends in Software Engineering: DevOps overview*"** sponsored by PG Dept. of Computer Applications, Bishop Heber College organized by PG Dept. of Computer Applications, Bishop Heber College at Tiruchirappalli during 13/05/2020 to 13/05/2020.

24. National level Orientation on **"*5 days FDP on Computational Intelligence*"** sponsored by PSG college of Computer Science and Information Technology, Coimbatore organized by PSG college of Computer Science and Information Technology, Coimbatore at Coimbatore during 12/05/2020 to 16/05/2020.

25. National level Seminar on **"*Recent Trends in Cloud Computing*"** sponsored by PG Dept. of IT, Jamal Mohamed College organized by PG Dept. of IT, Jamal Mohamed College at Tiruchirappalli during 11/05/2020 to 11/05/2020.

26. National level Seminar on **"*Robotics Process Automation*"** sponsored by Dept. of electronics and Communication System,VLB Janakiammal College of Arts and Science organized by Dept. of electronics and Communication System,VLB Janakiammal College of Arts and Science at Coimbatore during 09/05/2020 to 09/05/2020.

27. National level Seminar on **"*FDP on Bigdata Analytics for Business*"** sponsored by PG and research Dept. of Commerce and Computer Applications, Hindustan College of Arts and Science organized by PG and research Dept. of Commerce and Computer Applications, Hindustan College of Arts and Science at Coimbatore during 08/05/2020 to 08/05/2020.

28. National level Seminar on **"*FDP on Bigdata Analytics for Business*"** sponsored by PG and research Dept. of Commerce and Computer Applications, Hindustan College of Arts and Science organized by PG and research Dept. of Commerce and Computer Applications, Hindustan College of Arts and Science at Coimbatore during 08/05/2020 to 08/05/2020.

29. National level Seminar on **"*How to be a successful Instructional Designer in e-learning*"** sponsored by PSG College of Arts and Science organized by PSG College of Arts and Science at Cionbatore during 06/05/2020 to 06/05/2020.

30. International level Seminar on **"*Develop the ability to write research proposal*"** sponsored by AIMIT organized by AIMIT at AIMIT, Banglore during 24/04/2020 to 24/04/2020.

31. International level Seminar on **_"Develop the ability to write research proposal"_** sponsored by AIMIT organized by AIMIT at AIMIT, Banglore during 24/04/2020 to 24/04/2020.

32. College level Workshop on **_"E-content Development"_** sponsored by Deanery of R&D and IQAC organized by Deanery of R&D and IQAC at Bishop Heber College during 12/07/2018 to 12/07/2018.

33. College level Workshop on **_"Angular JS"_** sponsored by Department of Computer Applications, organized by Department of Computer Applications, at Bishop Heber College during 10/03/2018 to 10/03/2018.

34. College level Workshop on **_"Examinations and Evaluation Reforms"_** sponsored by IQAC organized by IQAC at Bishop Heber College during 10/03/2018 to 10/03/2018.

35. College level Workshop on **_"Faculty Empowerment Program"_** sponsored by IQAC organized by IQAC at Bishop Heber College during 14/06/2017 to 14/06/2017.

36. International level Seminar on **_"Wearable devices and Big Data"_** sponsored by HEBAA-Heber Alumni Association,Bishop Heber College organized by HEBAA-Heber Alumni Association,Bishop Heber College at Tiruchirappalli during 06/04/2016 to 06/04/2016.

37. College level Workshop on **_"Faculty Enrichment Program"_** sponsored by Internal Quality Assurance Cell, Bishop Heber College organized by Internal Quality Assurance Cell, Bishop Heber College at Tiruchirappalli during 18/02/2016 to 19/02/2016.

38. College level Workshop on **_"Examination Reforms and Evaluation"_** sponsored by Internal Quality Assurance Cell, Bishop Heber College organized by Internal Quality Assurance Cell, Bishop Heber College at Tiruchirappalli during 11/03/2011 to 12/03/2011.

39. International level Seminar on **_"Research in Computers: Why, What and How?"_** sponsored by Department of Computer Applications, Bharathiar University, Coimbatore organized by Department of Computer Applications, Bharathiar University, Coimbatore at Coimbatore during 11/03/2011 to 11/03/2011.

40. National level Workshop on **_"Research Tools in Computer Science"_** sponsored by International research forum for Computer Science and P.G. Department of Information Technology, Bishop Heber College organized by International research forum for Computer Science and P.G. Department of Information Technology, Bishop Heber College at Tiruchirappalli during 28/01/2011 to 29/01/2011.

41. International level Conference on **_"Data Engineering and Management"_** sponsored by Bishop Heber College and National Institute of Informatics-Japan organized by Bishop Heber College and National Institute of Informatics-Japan at Tiruchirappalli during 29/07/2010 to 30/07/2010.

42. International level Conference on **_"Semantic E-Business and Enterprise Computing (SEEC 2009)"_** sponsored by UGC organized by Bishop Heber College, Tiruchirappalli, India and Kingston University, London, UK at Tiruchirappalli during 04/11/2009 to 06/11/2009.

43. University level Workshop on **_"Lesson Writers on Development of course Materials (E-Content) and Quality Assurance Measures"_** sponsored by IGNOU-DEC organized by Bharathidasan University at Tiruchirappalli during 10/06/2008 to 12/06/2008.

44. University level Workshop on **_"Lesson Writers on Development of course Materials (SIM format) and Quality Assurance Measures"_** sponsored by IGNOU-DEC organized by Bharathidasan University at Tiruchirappalli during 27/11/2007 to 29/11/2007.

45. International level Workshop on **_"Educators on Mobile Learning"_** sponsored by Department of Computer Science and Applications, Bishop Heber College organized by Department of Computer Science and Applications, Bishop Heber College at Tiruchirappalli during 17/07/2007 to 18/07/2007.

46. National level Workshop on **_"Recent Trends in Computer Architecture"_** sponsored by CSI organized by Moogambigai college of engineering at Kalamavur,Tiruchirappalli during 10/03/2007 to 10/03/2007.

47. International level Workshop on **"*Middleware technologies*"** sponsored by Jayaram College of engineering & Technology organized by Jayaram College of engineering & Technology at Karattampatti, Pagalavadi, Tiruchirappalli during 23/02/2007 to 24/02/2007.

48. Regional level Workshop on **"*Software Testing*"** sponsored by ISTE organized by PSNA College of Engineering and Technology at Dindigul during 17/02/2007 to 17/02/2007.

49. National level Conference on **"*Intelligent E-Learning System*"** sponsored by UGC and STPI organized by Bishop Heber College at Bishop Heber College, Trichy during 29/03/2006 to 31/03/2006.

50. College level Workshop on **"*Curriculam development and Evaluation*"** sponsored by TANCHE and UGC organized by Academic Staff College at Bishop Heber College, Trichy during 09/03/2006 to 11/03/2006.

1. **"Ranking the Customer Reviews from Mobile Commerce Big data: K means Clustering"** in the International conference on *IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)* sponsored by IEEE, organized by IEEE SB Ballary Institute of Technology and Management, Ballary at Karnataka during 23/04/2022 to 24/04/2022.

2. **"The Impact of Evolutionary Algorithms in Data Mining"** in the International conference on *International Virtual Conference on Interdisciplinary Research Innovations in Science and Humanities(IC-IRISH 2020)* sponsored by , organized by Nehru Arts and Science College at Coimbatore during 29/11/2020 to 30/11/2020.

3. **"A Combined Approach of CFS and Naive Bayes Algorithm to Enhance the Prediction Accuracy"** in the International conference on *ICCICCT* sponsored by IEEE, organized by NICHE at Nagercovil during 10/07/2014 to 11/07/2014.

4. **"Analysis of Classification Techniques Applied to Detect Hepatitis Patients"** in the Regional conference on *Reginal Science congress for Shaping the Future of India* sponsored by Indian Science Congress Association, organized by Kongu Nadu Atrs and Science College at Coimbatore during 15/12/2012 to 16/12/2012.

5. **"A Survey of Key Issues Involved in Scheduling in IEEE.16e Mobile WiMAX Networks"** in the National conference on *Web Science and Technology* sponsored by UGC, organized by P.S.G College of Arts & Science at Coimbatore during 10/10/2012 to 11/10/2012.

6. **"A Novel Approach that provides the High Level Security to the Data"** in the National conference on *Web Science and Technology* sponsored by UGC, organized by P.S.G College of Arts & Science at Coimbatore during 10/10/2012 to 11/10/2012.

7. **"Data Warehouse for Small Organization on Operational Database"** in the International conference on *Data Engineering and Management* sponsored by , organized by Bishop Heber College at Tiruchirappalli during 09/02/2008 to 09/02/2008.

8. **"Hierarchical Knowledge Pyramid"** in the International conference on *Data Engineering and Management* sponsored by , organized by Bishop Heber College at Tiruchirappalli during 09/02/2008 to 09/02/2008.

9. **"Secure Mobile Computing"** in the National conference on *Middleware Technologies* sponsored by , organized by Vinayaga Missions University at Salem during 05/04/2007 to 05/04/2007.

10. **"Secure Mobile Computing"** in the National conference on *Middleware Technologies* sponsored by , organized by Vinayaga Missions University at Salem during 05/04/2007 to 05/04/2007.

11. **"Security Objectives with Higher Security Linux"** in the National conference on *Web Services* sponsored by UGC, organized by P.S.G College of Arts & Science at Coimbatore during 20/03/2007 to 21/03/2007.

12. **"Operating a Mobile Internet Node to a High Degree of Efficiency and Effectiveness"** in the National conference on *Networking and multi-agent systems* sponsored by UGC, organized by Gobi Arts & Science College at Gobichettipalayam during 25/09/2004 to 26/09/2004.

13. **"Secure Remote Object Maintenance and Deployment of Internet Explorer in Network Computer Systems"** in the National conference on *Networking and multi-agent systems* sponsored by UGC, organized by Gobi Arts & Science College at Gobichettipalayam during 25/09/2004 to 26/09/2004.

Publication in Journals   -   29

1. **"Efficient de-noising brain MRI images using various filtering techniques"** published in International Journal of Intelligent Engineering Informatics (PEER REVIEW) Vol. 11, Issue No. 2, August 2023 **ISSN :** 1758-8715.
   Impact factor , Scopus Index yes, **h - index , Citation index**

2. **"OPTIMAL ENSEMBLE FEATURE SELECTION (OEFS) METHOD AND KERNEL WEIGHT CONVOLUTIONAL NEURAL NETWORK (KWCNN) CLASSIFIER FOR MEDICAL DATASETS"** published in ICTACT JOURNAL ON SOFT COMPUTING (PEER REVIEW) Vol. 12, Issue No. 3, April 2022 **ISSN :** : 2229-6956.

3. **"Optimal Feature Subset Selection Method for Improving Classification Accuracy of Medical Datasets"** published in Annals of Romanian Society for cell Biology (PEER REVIEW) Vol. 25, Issue No. 2, February 2021 **ISSN :** 1583-6258.
   Impact factor , Scopus Index yes, **h - index , Citation index**

4. **"Modified Alberti' Cipher Employing Special Characters"** published in IOSR Journal of Engineering (IOSRJEN) (PEER REVIEW) Vol. 10, Issue No. 4, April 2020 **ISSN :** 2250-3021.

5. **"Improving Classifier Accuracy for diagnosing Chronic Kidney Disease Using Support Vector Machines"** published in International Journal of Engineering and Advanced Technology (IJEAT) (PEER REVIEW) Vol. 8, Issue No. 6, August 2019 **ISSN :** 2249 – 8958.
   Impact factor , Scopus Index yes, **h - index , Citation index**

6. **"Performance Analysis of RS-NB Classification Algorithm for Breast Cancer prediction"** published in International Journal of Scientific Research in Computer Science Applications and Management Studies (PEER REVIEW) Vol. 7, Issue No. 4, July 2018 **ISSN :** 2319 – 1953.

7. **"ESA-J48 Decision Tree Classification Algorithm for Predicting Diabetes Mellitus"** published in International Journal of Scientific Research in Computer Science Applications and Management Studies (PEER REVIEW) Vol. 7, Issue No. 4, July 2018 **ISSN :** 2319 – 1953.

8. **"Analysis of classification techniques for Medical data"** published in International Journal of Advanced Research Trends in Engineering and Technology (PEER REVIEW) Vol. 5, Issue No. 12, April 2018 **ISSN :** 2394-3777.

9. **"COMPARATIVE STUDY ON DATA MINING CLASSIFICATION TECHNIQUES FOR BREAST CANCER PREDICTION"** published in International Journal of Creative Research Thoughts (IJCRT) (PEER REVIEW) Vol. 6, Issue No. 2, April 2018 **ISSN :** 2320-2882.

10. **"An Efficient Protocol to Prevent Deduplication of Data in Cloud Environments in a Safe and Secure Manner"** published in International Journal of Control Theory and Applications (PEER REVIEW) Vol. 9, Issue No. 27, October 2016 **ISSN :** 0974-5572.
    Impact factor , Scopus Index yes, **h - index , Citation index**

11. **"A Secure Energy Efficient and Aware Protocol for WSN"** published in International Journal of Control Theory and Applications (PEER REVIEW) Vol. 9, Issue No. 26, October 2016 **ISSN :** 0974-5572.
    Impact factor , Scopus Index yes, **h - index , Citation index**

20/05/2024   11:38:38AM   Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

9

IT Support, BHC.

12. **"A Hybrid Efficient Distributed Trust Model (HEDTM)-WSN with Low Overheads"** published in International Journal of Control Theory and Applications (PEER REVIEW) Vol. 9, Issue No. 27, October 2016 **ISSN :** 0974-5572.
   Impact factor , **Scopus Index** yes, **h - index** , **Citation index**

13. **"A Survey on Efficient Protocol to Prevent De-ducpilcation of Data in Cloud Environments in a Safe and Secure Manner"** published in International Journal of Computer Science and Mobile Computing (PEER REVIEW) Vol. 5, Issue No. 7, July 2016 **ISSN :** 2320–088X.

14. **"Genetic Algorithm based CFS ad Naïve Bayes Algorithm to Enhance the Predictive Accuracy"** published in Indian Journal of Science and Technology (PEER REVIEW) Vol. 6, Issue No. , October 2015 **ISSN :** 0974-5645.
   Impact factor , **Scopus Index** yes, **h - index** 3, **Citation index** 3

15. **"Segmentation of Lung Tumor using Clustering Techniques"** published in IJSART (PEER REVIEW) Vol. 1, Issue No. 8, August 2015 **ISSN :** 2395- 1052.

16. **"A Hybrid Classification Model for Diabetes Dataset Using Decision Tree"** published in JETIR (PEER REVIEW) Vol. 2, Issue No. 8, August 2015 **ISSN :** 2349-5162.

17. **"Vibrational spectra, NLO analysis, and HOMO–LUMO studies of 2-chloro-6-fluorobenzoic acid and 3, 4-dichlorobenzoic acid by density functional method"** published in Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,Elsevier (PEER REVIEW) Vol. 147, Issue No. , August 2015 **ISSN :** .
   Impact factor , **Scopus Index** yes, **h - index** 1, **Citation index** 1

18. **"Performance Analysis of PSO-KStar Classifier over Liver Diseases"** published in International Journal of Advanced Research in Computer Engineering & Technology (PEER REVIEW) Vol. 4, Issue No. 7, July 2015 **ISSN :** 2278-1323.
   Impact factor , **Scopus Index** , **h - index** 1, **Citation index** 1

19. **"Best First and Greedy Search based CFS- Naïve Bayes Classification Algorithms for Hepatitis Diagnosis"** published in Biosciences and Biotechnology Research Asia (PEER REVIEW) Vol. 12, Issue No. 1, April 2015 **ISSN :** 2456–2602.
   Impact factor , **Scopus Index** yes, **h - index** 2, **Citation index** 2

20. **"Effectiveness of Searching Techniques in Feature Subset Selection: A Review"** published in International Journal of Computer Science, Information Technology, & Security (IJCSITS) (PEER REVIEW) Vol. 5, Issue No. 2, April 2015 **ISSN :** 2249-9555.

21. **"Novel Classification based approaches over Cancer Diseases"** published in International Journal of Advanced Research in Computer and Communication Engineering (PEER REVIEW) Vol. 4, Issue No. 3, March 2015 **ISSN :** 2278-1021.
   Impact factor , **Scopus Index** , **h - index** 3, **Citation index** 3

22. **"An exhaustive study on Association Rule Mining"** published in International Journal of Computer Science and Mobile Computing (PEER REVIEW) Vol. 4, Issue No. 3, March 2015 **ISSN :** 2320-088X.

23. **"Novel Classification based approaches over Cancer Diseases"** published in International Journal of Advanced Research in Computer and Communication Engineering (PEER REVIEW) Vol. 4, Issue No. 3, March 2015 **ISSN :** 2278-1021.
   Impact factor , **Scopus Index** , **h - index** 3, **Citation index** 3

20/05/2024   11:38:38AM   Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

10

IT Support, BHC.

24. **"Data Mining Approaches for Diabetes using Feature selection"** published in International Journal of Engineering and Computer Science (PEER REVIEW) Vol. 3, Issue No. 8, August 2014 **ISSN :** 2319-7242.
   Impact factor , **Scopus Index** , **h - index** 1, **Citation index** 1

25. **"Mining Lung Cancer Data for Smokers and Non-Smokers by Using Data Mining Techniques"** published in International Journal of Advanced Research in Computer and Communication Engineering (PEER REVIEW) Vol. 3, Issue No. 7, July 2014 **ISSN :** 2278-1021.
   Impact factor , **Scopus Index** , **h - index** 3, **Citation index** 5

26. **"A Case Study on Perclusion and Discovery Of Skin Melanoma Risk using Clustering Techniques"** published in International Journal of Advanced Research in Electronics and Communication Engineering (PEER REVIEW) Vol. 3, Issue No. 7, July 2014 **ISSN :** 2278-909x.
   Impact factor , **Scopus Index** , **h - index** 1, **Citation index** 1

27. **"Lung Cancer Early Diagnosis using Some Data Mining Classification Techniques"** published in An International Of Advanced Computer Technology (PEER REVIEW) Vol. 3, Issue No. 6, June 2014 **ISSN :** 2320-0790.

28. **"PCA-NB Algorithm to Enhance the Predictive Accuracy"** published in International Journal of Engineering and Technology (PEER REVIEW) Vol. 6, Issue No. 1, February 2014 **ISSN :** 0975-4024.

   Impact factor , **Scopus Index** Yes, **h - index** 3, **Citation index** 7

29. **"Analysis of Classification Algorithms Applied to Hepatitis Patients"** published in International Journal of Computer Applications (PEER REVIEW) Vol. 62, Issue No. 15, January 2013 **ISSN :** 0975-8887.
   Impact factor , **Scopus Index** , **h - index** 3, **Citation index** 16

Publication in Books   -   3

1. *ICT Inventiveness in Indian Education*. *Hand Book on Latest Trends in Online Learning*. Perambalur, India :DK International Research Foundation, April 2021.
2. *A Novel Survey Regarding Efficient Distributed Trust Model in WSN*. *Handbook on Wireless Communications and Network*. Delhi :Research India Publications, September 2016.
3. *Survey about a Secure, Energy Efficient and Aware Protocol for WSN*. *Handbook on Computer and Information Technology*. Delhi :Research India Publications, September 2016.

Books Published / Edited   -   3

* . *Advanced Microprocessor and Microcontroller*. Erode : Pallavi Pathippagam South India Pvt. Ltd. , September 2008.
* . *Object Oriented Programming with C++*. Erode : Pallavi Pathippagam South India Pvt. Ltd. , September 2008.
* . *Digital Principles and Computer Architecture*. Erode : Pallavi Pathippagam South India Pvt. Ltd. , September 2008.

20/05/2024   11:38:38AM   Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

11

IT Support, BHC.

Conferences / Workshops / Seminars Organised - 2

1. International level Conference Entitled **"International Conference on Computing Communication and Information Science (ICCCIS '16)"** at Bishop Heber College, sponsored by , during 27/07/2016 to 28/07/2016.

2. International level Workshop Entitled **"International Workshop for Educators on Mobile Learning (IWSEML)"** at Dept. of Computer Science and Applications, Bishop Heber College, India, sponsored by , during 17/07/2007 to 18/07/2007.

Awards Recieved - 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Global Outreach Education Award	Dr.Amar P.. Garg, Vice chancellor,Shobhit University, Uttar Pradesh and Dr.Julee Banerji, International School of Business, Patna, Bihar	31/07/2019	NATIONAL	Global Outreach Research and Education Association, GOREA Charitable Foundation, Jaipur, Rajasthan.	

EXTENSION / PART V ACTIVITIES UNDERTAKEN - 5

1. NSS Programme Officer, AZADI KA MAHAOTSAV for NSS volunteers for the Youth hostel near anna stadium Tiruchirappalli during 25/08/2021 to 25/08/2021.

2. NSS Programme Officer, PLASTIC AND VOTER'S AWARENESS for BHC students for the Bishop Heber College during 17/03/2021 to 17/03/2021.

3. NSS Programme Officer, VOTE - AWARENESS BIKE RALLY for NSS volunteers for the District Collector Office Tiruchirappalli during 16/03/2021 to 16/03/2021.

4. NSS Programme Officer, RALLY ON COMMEMORATING SALT SATHYAGRAHA AND FREEDOM FIGHTERS 75TH ANNIVERSARY OF INDIA'S INDEPENDENCE for NSS volunteers for the Salt Sathyagraha memorial Central Bus Stand to World War II Memorial Gandhi Market Tiruchirappalli

5. NSS Programme Officer, SWACHH BHARAT - CAMPUS CLEANING for NSS volunteers for the Bishop Heber College during 06/03/2021 to 06/03/2021.

20/05/2024   11:38:38AM   Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

12

IT Support, BHC.

PROFESSIONAL MEMBERSHIP   - 4

* Membership No: 3021849 of Computer Science Teachers Association (CSTA) - Association for Computing Machinery (ACM), USA. during 30/09/2015 - Till Date
* Membership no: 12364 of Society of Digital Information and Wireless Communications (SDIWC), USA during 30/09/2015 - Till Date
* Membership No: 157650 of International Association of Engineers (IAENG), Hong Kong during 30/08/2015 - Till Date
* Membership no: 2015081118 of Senior Member, International Engineering and Technology Institute (IETI), Hong Kong. during 30/08/2015 - Till Date

TRAINING PROGRAMME   - 1

\# NATIONAL level online training on **"python 3.4.3"** Sponsored by MHRD, New Delhi, Organized by Loyolo College of Arts and Science at Mettala during 30/04/2020 - 01/01/1900.

RESOURCE PERSON   - 3

1. University level Selectresource Person on **"Mobile Communication"** at Jamal Mohamed College, 28/11/2015.
2. University level Resource Person on **"Mobile Computing"** at Jamal Mohamed College, 23/02/2014.
3. University level Resource Person on **"ASP Programming"** at Bishop Heber Higher Secondary School, 09/11/2013.

JOURNAL REFEREE

1. Reviewer of International Journal *"International Journal of Distributed Systems and Technologies (IJDST), IGI Global"*(vol.) at Hershey,USA during 27/08/2018 - Till Date.
2. Reviewer of International Journal *"Applied Soft Computing- Elsevier"*(vol.) at Japan during 19/01/2017 - Till Date.
3. Reviewer of International Journal *"Computers in Biology and Medicine - Elsevier"*(vol.) at England during 01/12/2016 - Till Date.
4. Member, Organizing Committee of International Journal *"International Conference on Computing Communication and Information Science (ICCCIS,16)"*(vol.) at India during 27/07/2016 - 7/28/2016.
5. Reviewer of International Journal *"Indian Journal of Science and Technology"*(vol.) at India during 20/07/2016 - Till Date.
6. Reviewer of International Journal *"IEEE Third international conference on Digital Information Processing, Data Mining and Wireless Communications (DIPDMWC2016)"*(vol.) at National Research Nuclear University MEPHI (Moscow Engineering Physics Institute) Moscow, Russia during 06/07/2016 - 7/8/2016.
7. Reviewer of International Journal *"Biomedical Research - An International Journal of Medical Science-Allied Academies Journal"*(vol. 27) at USA during 30/03/2016 - Till Date.

Type	Nature	Patent No.	Status	Month & Year
NATIONAL	Patent Published	20214104914	APPLIED	11/26/2021 12:00

@   Technical Programme Committee, International Conference on Engineering and Technology Innovations (ICETI), ICETI 2016 on March 26-27, 2016, in Wuhan, China.

@   Member , Advisory Committee, !0th International Conference On Recent Engineering and Technology (ICRET) at New Horizon College of Engineering, Bangalore, India., on 3rd May 2020.

@   International Technical Programme Committee, International Conference on Applied Science and Technology (ICAST 2016) on Dec. 24-25, 2016, Wuhan, China.

@   Subject Matter Expert, Tata Consultancy Services(TCS), Mumbai.

@   Reviewer, IEEE Fourth International Conference on Computer Science, Computer Engineering and Education Technologies (CSCEET 2017), Lebanese University,Campus Hadath, Beirut, Lebanon on April 26-28, 2017. (http://sdiwc.net/conferences/csceet2017/program-committees/)

@   Technical Committee, "Symposium of Information Technology and Applied Mathematics (SITAM 2017), Shinas College of Technology, Sultanate of Omen. (http://sitam.shct.edu.om/technical-committee/)

@   Technical Committee, International Conference on Automation and Computational Engineering (ICACE - 2018), 3-5 Oct 2018, Amity University, Greater Noida, India. http://www.amity.edu/icace/oc.html

@   Technical Committee, International Conference on Computational and Automation Engineering (ICCAE-2018), 7-9 Feb 2018, Amity University, Greater Noida, India. http://www.amity.edu/iccae/oc.html

@   Technical Programme Committee, 2nd International Conference on Innovations in Computing (ICIC 2018), 13 -14 December 2018, CGC College of Engineering, Mohali, Punjab, India.   https://icic2018.webs.com/committees-speakers

@   Advisory Committee, International Conference on engineering and advancement in technology 2019 (ICEAT 2019) in Indira Gandhi Technical University for women, New Delhi 20 & 21 June, 2019.   https://iceat.in/

@   Advisory Committee, International Conference on Contemporary Engineering and Technology (ICCET 2019), Inderprastha Engineering College, Ghaziabad on April 27-28, 2019. http://iccete.in/

@   Technical Programme Committee, IEEE International Conference on Intelligent Computing and Remote Sensing(ICICRS 2019), C.V.Raman College of College of Engineering, Bhubaneswar, India on July 19-20, 2019. http://www.icicrs.com/committee.html

@   Advisory Committee, Seventh international Conference Contemporary Engineering and Technology 2019 (7th ICCET 2019), Prince Sri Venkateswara Padmavathy Engineering College, Chennai, India on March 9-10, 2019. http://www.iccet.in/prog152015.html

@   International Advisory Member, International Conference on Clinical4.0, Healthcare4.0, Medical4.0 & Pharma4.0 (IC2HMP'19), Singapore, 24th January , 2019. http://ic2hmp.com/conference-chairs-committee/

@   Advisory Committee, International Conference on Recent Trends in Engineering and Technology and Management 2019 (ICRETM 2019), Coimbatore Institute of Engineering and Technology, Coimbatore, India on 29th - 30th march 2019. http://icretm.in/pc.html

@   Advisory Committee, 9th International conference on Recent Engineering and Technology 2019, New Horizon College of Engineering and Technology, Bangalore , Karnataka, 5th May 2019. http://icret.in/committee.html

@   Technical Committee, International Conference on Automation, Computational and Technology Management (ICACTM - 2019), Amity University, Greater Noida, India, 24 - 26 April, 2019. https://amity.edu/icactm/Proceeding/tech.html

@   Advisory Committee, Eighth International Conference on Contemporary Engineering And Technology (ICCET 2020), March 14 - 15, 2020. http://www.iccet.in/prog152015.html

@   Advisory Committee, 9th International conference on Recent Engineering and Technology 2020, New Horizon College of Engineering and Technology, Bangalore , Karnataka, 3th May 2020. http://icret.in/committee.html

@   Technical Committee," 2nd Symposium of Information Technology and Applied Mathematics (SITAM 2019), 6th November 2019, Shinas College of Technology, Sultanate of Omen. https://www.shct.edu.om/sitam/sitam-2019-technical-committee

@   Member, Organizing Committee, International Conference On Science Engineering and Supply Chain Management (ICSESCM) at Abu sarovar portico, Chennai, Tamilnadu and organized by Institute For Engineering Research and Publication (IFERP), on 22nd-23rd November,2019.

@   Technical Programme Committee, 3nd International Conference on Innovations in Computing (ICIC 2019, 12 -13 December 2019, CGC College of Engineering, Mohali, Punjab, India. https://icic2019.webs.com/committee-speakers

@   AICTE sponsored International Conference on Recent Trends in IoT and Blockchain (ICRTIB-2019) on 19 – 20 October, 2019, Organized by: Department of Computer Science & Engineering GIET University, Gunupur-765022, Odisha, India. http://icrtib.in/committees.html

- @ First International Conference on Bio and Neuroinformatics Models and Algorithms (ICBNA 2021), smart state medical university on December 6th -7th 2021.33. IEEE 2nd International Conference on Computation, Automation and Knowledge Management (ICCAKM 2021) , AMITY University(Dubai Campus) on 19th -21th January 2021.
- @ 2020 International Conference on Computer Science, Engineering and Applications(ICCSEA 2020) on march 13 -14 2020 organized by Depart. Of Computer Science and Engineering, GIET University, Gunapur, Odisha. http://iccsea2020.in/
- @ International Conference on engineering and advancement in Technology 2020 (ICEAT 2020) on 30-31 march 2020, Dr. Mahalingam College of Engineering and Technology, Pollachi, Tamil Nadu. https://iceat.in/
- @ "2nd International Conference on Emerging Technique in Engineering Technology and Management" (ICEETM) 2020 , Rathinam Technical Campus (College Of Engineering and Technology) & Rathinam School Of Architecture, Coimbatore On March 21, 2020. http://iceetm.in/index-2.html
- @ Member , Advisory Committee, !0th International Conference On Recent Engineering and Technology (ICRET) at New Horizon College of Engineering, Bangalore, India., on 3rd May 2020.
- @ Member, International Conference on Computing Communication and Information Science (ICCCIS '16) at Bishop Heber College, India, July 27-28, 2016.
- @ Reviewer, The Third International Conference on Education Technologies and Computers (ICETC 2016) held at Faculty of engineering- Lebanese University, Campus Hadath, Beirut, Lebanon on April 21-23 (http://sdiwc.net/conferences/icetc2016/program-committees/)
- @ Reviewer, IEEE Third international conference on Digital Information Processing , Data Mining and Wireless Communications (DIPDMWC2016) held on National Research Nuclear University MEPHI (Moscow Engineering Physics Institute) Moscow, Russia on July 6-8, 2016. http://sdiwc.net/conferences/dipdmwc2016/program-committees/)
- @ Technical Committee," 2nd International Conference on Futuristic Trends in Computational Analysis and Knowledge Management 16-17 March 2017, Amity University, Greater Noida, India. (http://www.amity.edu/ablaze/committee.html
- @ Member, Technical Program Committee, First IEEE International Conference on Computer Science, Engineering and Applications (ICCSEA-2020) organized by the Department of CSE & CST, GIET University, Gunupur, Odisha, India, on 13-14 March, 2020.
- @ Advisory Committee, 11th International Conference on Science and Innovative Engineering(ICSIE 2021), Jawahar Engineering College, Chennai on 2nd May 2021.
- @ Technical Programme Committee, IEEE 3rd International Conference on Computation, Automation and Knowledge Management (ICCAKM 2022), AMITY University (Dubai Campus) on 15th -17 th November 2021
- @ Advisory Committee, 10th International Conference on contemporary engineering and technology, Prince Sri Venkateshwara Padmavathi College, Chennai on March 26-27 2022.
- @ Technical Committee, International Conference on Bio-Neuro Informatics Models and Algorithms 2022 , SIDTM Pune, SAMARA State Medical University, on 21st and 22nd June 2022.

Signature of Staff
(P.THANGARAJU)