

Dr.J.JAMES MANOHARAN

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Department of Computer Applications,
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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Computer Science	Bishop Heber College	2019
M.Phil	Computer Science	Bharathidasan University	2005
M.C.A	Computer Applications	Bharathidasan University	2001
B.Sc	Chemistry	Bishop Heber College	1996

Additional Qualification

Name of Course	Place of Study	Date	Duration
Software Development Fundamentals	Bishop Heber College	May 2016	4 months
Microsoft Certified Technology Specialist	NIIT computer Center, Trichy	2014	5 months
PGDCA	Bishop Heber College	1997	1 year
.Net Framework 2.0: Windows Applications	NIIT computer Center, Trichy	2013	5 months
Microsoft Office Specialist	Bishop Heber College	November 30, 2019	2 weeks

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Puthur, Trichy-620017	Associate Professor	July 2001	till date
Bishop Heber College	Trichy	Associate Professor & Head	July 2001	till date

Teaching / Research Experience

U.G. : 16 years **P.G. :** 10 years **M.Phil.** **Ph.D.**

Research Guidance

U.G. : 16 years **P.G. :** 10 years **M.Phil. :** **Ph.D. :**

Field Experience

Type	Name of the Sector	Designation	From	To
Field	NIIT Computer Center	Computer Instructor	June 2008	May 2014

Table of Contents

1.	Conferences / workshops / Seminars Attended	29
2.	Research Papers Presented	7
3.	Publication in Journals	8
4.	Publication in Books	0
5.	Books Published / Edited	1
6.	Conferences / Workshops / Seminars Organised	1
7.	Research Projects	2
8.	Resource Person	5
9.	Consultancy	0
10.	Awards Recieved	2
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. -1 level Workshop on **"Academic and Administrative Audit in Pursuit of Excellence in Higher Education"** sponsored by IQAC organized by IQAC at Bishop Heber College, Trichy during 24/06/2021 to 26/06/2021.
2. State level Seminar on **"Cyber Security"** sponsored by IEI-ELC & SEC-IIC organized by IEI-ELC & SEC-IIC at SENGUNTHAR ENGINEERING COLLEGE, THIRUSENGODE during 27/05/2021 to 27/05/2021.
3. -1 level Workshop on **"Getting Started with Java Using Alice in Oracle Academy Member Hub"** sponsored by Oracle Academy organized by at during 05/11/2020 to 05/11/2020.
4. College level Orientation on **"Special Lecture on Institutional visibility through Whole Person Education"** sponsored by IQAC organized by IQAC at Bishop Heber College, Trichy during 13/10/2020 to 16/10/2020.
5. College level Seminar on **"Online Teaching Tools"** sponsored by Bishop Heber College, Trichy. organized by Bishop Heber College, Trichy. at TRICHY during 30/05/2020 to 30/05/2020.
6. State level Workshop on **"ONE DAY STATE LEVEL HANDS ON WORKSHOP ON PYTHON"** sponsored by UG DEPT. OF COMPUTER APPLICATIONS organized by UG DEPT. OF COMPUTER APPLICATIONS at BHC, TRICHY during 20/02/2020 to 20/02/2020.
7. National level Workshop on **"REAL-TIME APPLICATION USING NEXT-GENERATION IOT TECHNOLOGY"** sponsored by BHC organized by UG DEPT. OF COMPUTER APPLICATIONS at BHC, TRICHY during 14/02/2020 to 14/02/2020.
8. National level Workshop on **"Benchmarking the Best Practices in Teaching and Learning in Higher Education"** sponsored by NAAC organized by IQAC, Bishop Heber College at Trichy during 14/02/2019 to 15/02/2019.
9. 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.
10. National level Conference on **"National Conference on Computing Technologies"** sponsored by PG Department of Computer Science organized by PG Department of Computer Science at Bishop Heber College during 26/02/2018 to 26/02/2018.
11. College level Workshop on **"Workshop on Angular JS"** sponsored by Department of Computer Applications organized by Department of Computer Applications at Bishop Heber College during 24/02/2018 to 24/02/2018.
12. International level Conference on **"International Conference on Emerging Novelties and Vistas in Space Technologies & applications"** sponsored by ISRO organized by Sathyabama University at Chennai during 03/12/2015 to 05/12/2015.
13. National level Workshop on **"Cloud Computing & Big Data Analytics"** sponsored by Bishop Heber College organized by Innovative Dynamic Technologies at Coimbatore. India. during 23/11/2015 to 24/11/2015.
14. International level Conference on **"1st International Conference on Modelling, Simulation and Control ICMSC-2015"** sponsored by Karpagam College of Engineering organized by Karpagam College of Engineering at Coimbatore. India. during 15/10/2015 to 16/10/2015.
15. International level Conference on **"International Conference on Innovations in Information, Embedded and Communication Systems(ICII ECS'15)"** sponsored by Karpagam College of Engineering organized by Karpagam College of Engineering at Coimbatore. India. during 19/03/2015 to 20/03/2015.
16. State level Workshop on **"Knowledge Discovery with WEKA"** sponsored by UGC organized by Kunthavai Naacchiya Govt. Arts College for Women at Thanjavur, Tamil Nadu, India. during 30/01/2015 to 31/01/2015.

17. International level Conference on **"World Congress on Computing and Communication Technologies"** sponsored by UGC organized by St. Joseph's College at Tiruchirappalli, Tamil Nadu, India during 27/02/2014 to 01/03/2014.
18. International level Conference on **"International Conference on Contemporary Trends in Computer Science"** sponsored by J.J. College of Arts and Science organized by J.J. College of Arts and Science at Pudukkottai, Tamil Nadu, India. during 20/02/2014 to 21/02/2014.
19. College level Orientation on **"Campus Waste Management"** sponsored by United Board For Christian Higher Education in Asia organized by UBHPEA at Bishop Heber College during 26/08/2011 to 26/08/2011.
20. National level Workshop on **"NWRTCs"** sponsored by IFCOT organized by Bishop Heber College at Trichy during 28/01/2011 to 29/01/2011.
21. International level Conference on **"SEEC"** sponsored by UGC organized by Bishop Heber College at Trichy during 04/11/2009 to 06/11/2009.
22. International level Conference on **"Semantics E-Business and Enterprise Computing(SEEC 2009)"** sponsored by UGC organized by Bishop Heber College at Trichy during 04/11/2009 to 06/11/2009.
23. International level Conference on **"International Conference on Advanced Computing(ICAC-09)"** sponsored by BUTP organized by Cauvery College For Women at Trichy during 06/08/2009 to 08/08/2009.
24. University level Workshop on **"Lesson Writers on Development of Course Materials"** sponsored by Bharathidasan University organized by Bharathidasan University Technology Part with Cauvery College For Women at Trichy during 10/06/2008 to 12/06/2008.
25. International level Workshop on **"IWSEML"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 17/07/2007 to 18/07/2007.
26. College level Workshop on **"Curriculum Development and Evaluation"** sponsored by TANSCHÉ and UGC organized by Academic Staff College, Bharathidasan University at Bisop Heber College during 09/03/2006 to 11/03/2006.
27. College level Workshop on **"Curriculum Development and Evaluation"** sponsored by TANSCHÉ and UGC organized by Bharathidasan University at Trichy during 09/03/2006 to 11/03/2006.
28. National level Conference on **"National Conference on Computer Science and Informatics"** sponsored by UGC organized by St. Joseph's College at Trichy during 18/02/2005 to 19/02/2005.
29. National level Conference on **"Recent Trends in Computational Mathematics"** sponsored by UGC organized by Gandhigram Rural Institute at Gandhigram during 18/03/2004 to 19/03/2004.

1. **"Comparison on Two-Dimensional Ultrasound to Three-Dimensional Placenta Image using Segmentation Techniques"** in the International conference on *Blooming Trends in Tech Challenges and Opportunities* sponsored by IEEE Computer Society, organized by PG and Research Dept. of Computer Science, National College at Trichy during 27/09/2018 to 29/09/2018.
2. **"A Novel PSS Stemmer for String Similarity Joins"** in the International conference on *World Congress on Computing and Communication Technologies* sponsored by Microsoft Research, organized by St. Joseph's College at Trichy during 02/02/2017 to 04/02/2017.
3. **"A Framework for Enhancing the Efficiency of K-Means Clustering Algorithm to Avoid Formation of Empty Clusters"** in the International conference on *International Conference on Emerging Novelties and Vistas in Space Technologies & Applications* sponsored by ISRO, organized by Sathyabama University at Chennai during 03/12/2015 to 05/12/2015.
4. **"Initialization of Optimized K-means Centroids using Divide-and-Conquer Method"** in the International conference on *1st International Conference on Modelling, Simulation and Control ICMSC-2015* sponsored by CSIR and ISTE, organized by Karpagam College of Engineering at Coimbatore. India. during 15/10/2015 to 16/10/2015.
5. **"Improved K-means Clustering Algorithm using Linear Data Structure List to Enhance the Efficiency"** in the International conference on *International Conference on Innovations in Information, Embedded and Communication Systems(ICIIECS'15)* sponsored by DRDO, organized by Karpagam College of Engineering at Coimbatore. India. during 19/03/2015 to 20/03/2015.
6. **"Discovering Student's Academic Performance Based on GPA using K-means clustering Algorithm"** in the International conference on *World Congress on Computing and Communication Technologies* sponsored by UGC, organized by St. Joseph's College at Tiruchirappalli, Tamil Nadu, India. during 27/02/2014 to 01/03/2014.
7. **"An Analysis and Synthesis on various Clustering Techniques in Data Mining"** in the International conference on *International Conference on Contemporary Trends in Computer Science* sponsored by J.J. College of Arts and Science, organized by J.J. College of Arts and Science at Pudukkottai, Tamil Nadu, India. during 20/02/2014 to 21/02/2014.



1. **"Comparison on Two-Dimensional Ultrasound to Three-Dimensional Placenta Image using Segmentation Techniques"** published in International Journal of Computer Sciences and Engineering (PEER REVIEW) Vol. 6, Issue No. 11, December 2018 ISSN : ---.
Impact factor , Scopus Index , h - index 009, Citation index 810
2. **"An Enhancing the Performance of High Utility Itemset Mining using Utility Information Record"** published in International Journal of Pure and Applied Mathematics (PEER REVIEW) Vol. 118, Issue No. 17, January 2018 ISSN : 1311-8080.
3. **"A FRAMEWORK FOR ENHANCING THE EFFICIENCY OF K-MEANS CLUSTERING ALGORITHM TO AVOID FORMATION OF EMPTY CLUSTERS"** published in International Journal on Information Sciences and Computing (PEER REVIEW) Vol. 10, Issue No. 2, July 2016 ISSN : 1708-0460.
4. **"OUTLIER DETECTION USING ENHANCED K-MEANS CLUSTERING ALGORITHM AND WEIGHT BASED CENTER APPROACH"** published in International Journal of Computer Science and Mobile Computing (PEER REVIEW) Vol. 5, Issue No. 4, April 2016 ISSN : 2320-088X.
5. **"Initialization of Optimized K-Means Centroids Using Divide-And-Conquer Method"** published in ARPN Journal of Engineering and Applied Sciences (PEER REVIEW) Vol. 11, Issue No. , January 2016 ISSN : 819-6608.
6. **"Survey on High Utility Itemset Mining Algorithms"** published in , International Journal of Applied Engineering Research (PEER REVIEW) Vol. 10, Issue No. Speical Issue, January 2015 ISSN : 0973 – 4562.
7. **"Survey on High Utility Itemset Mining Algorithm"** published in International Journal of Applied Engineering Research, (PEER REVIEW) Vol. 10, Issue No. 85, January 2015 ISSN : 973-4562.
8. **"Discovering Students' Academic Performance Based on GPA using K-Means Clustering Algorithm"** published in IEEE Xplore, Digital Library, (PEER REVIEW) Vol. , Issue No. , October 2014 ISSN : ---.
Impact factor , Scopus Index , h - index 1, Citation index 5

Books Published / Edited

- 1

- * . **Click'r Computer Information Technology – THIRD Standard.** Tamil Nadu : Mariya Publication , January 1900.

Conferences / Workshops / Seminars Organised

- 1

1. College level Workshop Entitled **"Workshop on Angular JS"** at Bishop Heber College, sponsored by , during 24/02/2018 to 24/02/2018.

Awards Recieved - 2

Award Name	Presented by	Year	Level	Instituted by / Place	amount
GLOBAL TEACHER AWARD Best Performer	AKS CertifyTN	15/09/2019 11/09/2018	INTERNATIONAL COLLEGE	AKS CertifyTN	NIL

RESEARCH PROJECTS - 2

1. Minor project entitled "**Face Recognized Student Attendance System for Bishop Heber College**" (*PRINCIPAL INVESTIGATOR*), Sponsored by BISHOP HEBER COLLEGE, during 23/10/2019 to Till Date [Ongoing].
2. Minor project entitled "**Face Recognition Based Student Attendance System for Bishop Heber College**" (*PRINCIPAL INVESTIGATOR*), Sponsored by Bishop Heber College, during 01/01/1900 to [Completed].

TRAINING PROGRAMME - 4

- # STATE level ORIENTATION on "**Pre-Incubations and Incubation Management**" Sponsored by mhrd, Organized by Institutions Innovation Council at coimbatore during 06/01/2020 - 07/01/2020.
- # REGIONAL level ORIENTATION on "**IIC 2.0 and ARIIA 2020**" Sponsored by AICTE, Organized by MHRD's Innovation Cell at Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology, Chennai, Tamil Nadu during 31/07/2019 - 31/07/2019.
- # UNIVERSITY level ORIENTATION on "**Lesson Writers on Development of Course Materials**" Sponsored by Bharathidasan University o, Organized by ery College For Women at Trichy during 06/10/2008 - 06/12/2008.
- # COLLEGE level ORIENTATION on "**Curriculum Development and Evaluation**" Sponsored by ANSCHE and UGC organized by Academic Staff College, Organized by Bisop Heber College at Trichy during 03/09/2006 - 03/11/2006.

RESOURCE PERSON - 5

1. International level Chair Person on "**HICAAMMC-2019**" at PG Department of Actuarial Science, Bishop Heber College, Trichy, 08/01/2019.
2. College level Workshop on "**FDP**" at VALLUVAR COLLEGE OF SCIENCE AND MANAGEMEST, KARUR, 21/11/2018.
3. Regional level Workshop on "**ICT in Education**" at Pudukkottai, 22/03/2018.
4. College level Seminar on "**Android Mobile Application Development**" at Pudukkottai, 16/12/2016.
5. College level Seminar on "**J2EE**" at Kumbakonam, 11/03/2016.

@ Academic Regional Head (Trichy Region)
CertifyTN , Certiport - Tamilnadu Exclusive.

CertifyTN MICROSOFT STAFF AMBASSADOR



Signature of Staff
(J.JAMES MANOHARAN)