

## Dr.J.JAMES MANOHARAN

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

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

Phone : 9994560059

Web:

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

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. Special 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 eryl 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)**