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Department of Information Technology,
Bishop Heber College,
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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph. D.	Computer Science	Bharathidasan University, Tiruchirappalli	2015
MCA	Computer Applications	Madurai Kamaraj University, Madurai.	2009
M.Phil.	Computer Science	Manonmaniam Sundaranar University, Tirunelveli.	2005
M.Phil.	Physics	Urumu Dhanalakshmi College, Tiruchirappalli-620019, Bharathidasan University, Tiruchirappalli-620024	2002
PGDCSA	Computer Science and Applications	Urumu Dhanalakshmi College, Tiruchirappalli - 620019, Bharathidasan University, Tiruchirappalli - 620024	1995
M. Sc.	Applied Physics (Computer Electronics)	Urumu Dhanalakshmi College, Tiruchirappalli - 620019, Bharathidasan University, Tiruchirappalli - 620024	1994
B. Sc.	Physics	Scott Christian College, Nagercoil - 629001, Madurai Kamaraj University, Madurai.	1992

Ph.D. Details

Title of Thesis	Area of Specialization	
ADAPTIVE SYMMETRIC BLOCK CIPHERS FOR PARALLEL COMPUTING ENVIRONMNETS	INFORMATION SECURITY, HIGH PERFORMANCE COMPUTING	
Research Supervisor	Research Centre	Year of Award
Dr. E. George Dharma Prakash Raj	Bharathidasan University, Tiruchirappalli-620023	September 2015

Cleared NET / SET :	Details	Year of Passing
SET	1303400	FEBRUARY 2016

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College (Autonomous),	Tiruchirappalli-620017	Lecturer in Computer Science	14-07-1997	17-11-2008
Bishop Heber College (Autonomous),	Department of Information Technology, Tiruchirappalli-620017	Assistant Professor & Head	18-11-2008	Till Date
Khadir Mohideen College	Adirampattinam	Lecturer in Computer Science	26-12-1995	13-07-1997

Teaching / Research Experience

U.G. : 19 P.G. : 24 M.Phil. : 16 Ph.D. :

Research Guidance

U.G. : 178 P.G. : 156 M.Phil. : 23 Ph.D. :

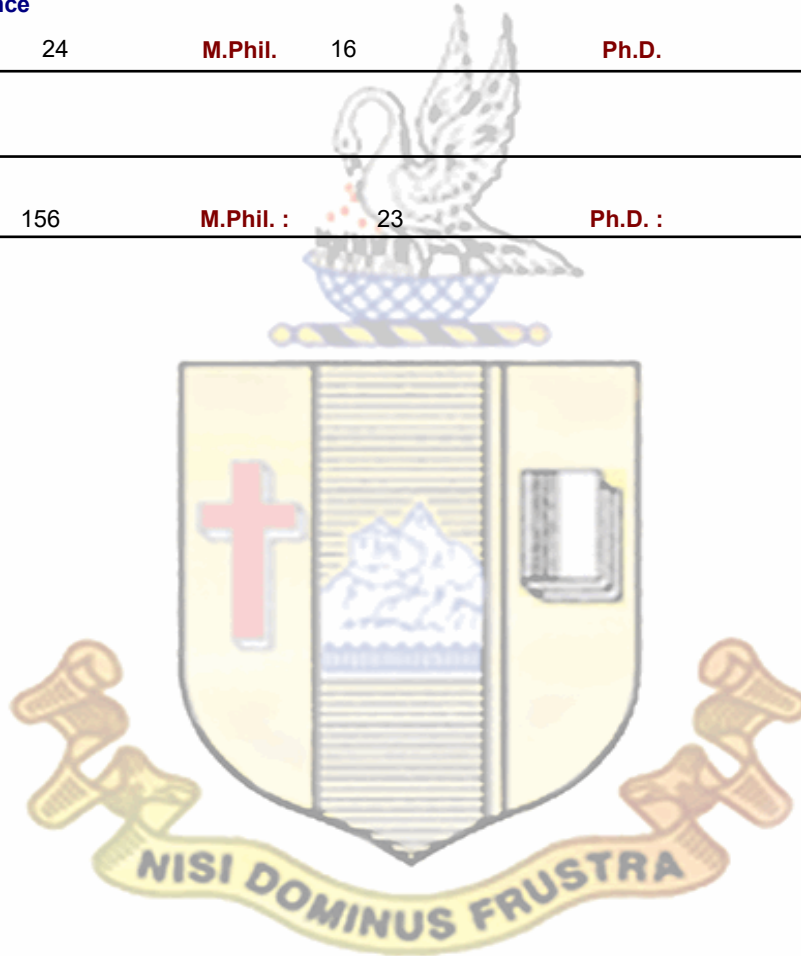


Table of Contents

1.	Conferences / workshops / Seminars Attended	24
2.	Research Papers Presented	8
3.	Publication in Journals	8
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	5
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	23 / 0

1. International level Seminar on **"Overview of PAAS in Cloud"** sponsored by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) organized by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 18/08/2020 to 18/08/2020.
2. National level Seminar on **"Infusing Cloud Computing Services and Artificial Intelligence in Microsoft Azure"** sponsored by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) organized by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 23/07/2020 to 23/07/2020.
3. International level Seminar on **"Research Writing Tools and Techniques"** sponsored by P.G. Dept. of Computer Applications, Bishop Heber College (Autonomous) organized by P.G. Dept. of Computer Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 15/07/2020 to 15/07/2020.
4. International level Seminar on **"Predatory Journals - A Growing Threat for Academicians"** sponsored by Dept. of Computer Science (Shift-2), Bishop Heber College (Autonomous) organized by Dept. of Computer Science (Shift-2), Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 04/07/2020 to 04/07/2020.
5. International level Seminar on **"Writing without Plagiarism"** sponsored by PG & Research Dept. of Computer Science, Government Arts College organized by PG & Research Dept. of Computer Science, Government Arts College at Tiruchirappalli - 620022 during 10/06/2020 to 10/06/2020.
6. International level Seminar on **"Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) organized by UG Dept. of Computer Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 05/06/2020 to 05/06/2020.
7. International level Seminar on **"Online Teaching Tools"** sponsored by Dept. of Computer Science (Shift-2), Bishop Heber College (Autonomous) organized by Dept. of Computer Science (Shift-2), Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 30/05/2020 to 30/05/2020.
8. International level Seminar on **"Exploring Data Analytics Using SPARK Platform and Cloud Services using Kubernetes Containers"** sponsored by Dept. of Computer Science (Shift-1), Bishop Heber College (Autonomous) organized by Dept. of Computer Science (Shift-1), Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 28/05/2020 to 28/05/2020.
9. Regional level Seminar on **"Immunity Boosters for Covid-19"** sponsored by Dept. of Nutrition & Dietetics, Bishop Heber College(Autonomous), organized by Dept. of Nutrition & Dietetics, Bishop Heber College(Autonomous), at Tiruchirappalli - 620017 during 20/05/2020 to 20/05/2020.
10. International level Workshop on **"World Class Curriculum Design for Computer Science"** sponsored by School of Computer Science, Engineering and Applications, Bharathidasan University organized by School of Computer Science, Engineering and Applications, Bharathidasan University at Tiruchirappalli - 620023 during 28/07/2017 to 01/01/1900.
11. College level Seminar on **"Partnership in Higher Education - Opportunities and Challenges"** sponsored by IQAC, Bishop Heber College (Autonomous). organized by IQAC, Bishop Heber College (Autonomous). at Tiruchirappalli - 620017 during 28/02/2013 to 28/02/2013.
12. National level Workshop on **"Research Issues in IT Security and Multimedia"** sponsored by Kodaikanal Institute of Technology organized by Kodaikanal Institute of Technology at Kodaikanal - 624104 during 19/10/2012 to 19/10/2012.
13. National level Seminar on **"National Seminar on Cloud Computing"** sponsored by Computer Society of India organized by Srimathi Indira Gandhi College & Bharathidasan University Technology Park at Tiruchirappalli - 620023 during 26/09/2012 to 26/09/2012.
14. National level Seminar on **"National Seminar of Research Issues in Cloud Computing (NSRICC - 2011)"** sponsored by PG & Research Depts. of C.S., C.A., and I.T., Cauvery College for Women organized by PG & Research Depts. of C.S., C.A., and I.T., Cauvery College for Women at Tiruchirappalli - 620018 during 29/09/2011 to 30/09/2011.

15. National level Seminar on **"Advanced Computing Technologies"** sponsored by Arul Anandar College organized by Arul Anandar College at Karumathur - 625514 during 23/09/2011 to 01/01/1900.
16. College level Seminar on **"Campus Waste Management"** sponsored by UBCHEA organized by Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 26/08/2011 to 01/01/1900.
17. University level Seminar on **"Research Areas in Computer Science"** sponsored by Computer Society of India organized by Dept. of Computer Science and Engineering, Bharathidasan University at Tiruchirappalli - 620023 during 31/03/2011 to 31/03/2011.
18. College level Workshop on **"Examination Reforms and Evaluation"** sponsored by IQAC, Bishop Heber College (Autonomous). organized by IQAC, Bishop Heber College (Autonomous). at Tiruchirappalli - 620017 during 25/03/2011 to 26/03/2011.
19. State level Seminar on **"Science, Society and Religion"** sponsored by Ilanthalir Centre for Science Society and Religion organized by Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 18/02/2011 to 19/02/2011.
20. National level Workshop on **"Network Simulator 2"** sponsored by School of Computing Science and Engineering, VIT University, Chennai Campus organized by School of Computing Science and Engineering, VIT University, Chennai Campus at Chennai during 12/02/2011 to 12/02/2011.
21. National level Conference on **"National Conference on Tamil Computing"** sponsored by School of Computer Science, Engineering and Applications, Bharathidasan University organized by School of Computer Science, Engineering and Applications, Bharathidasan University at Tiruchirappalli - 620023 during 29/10/2010 to 29/10/2010.
22. -1 level Conference on **"Semantic E-Business and Enterprise Computing (SEEC 2009)"** sponsored by Kingston University, London, UK. organized by Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 04/11/2009 to 06/11/2009.
23. College level Workshop on **"Advanced IP for Teachers"** sponsored by Dept. of Computer Science and Applications, Bishop Heber College (Autonomous) organized by Dept. of Computer Science and Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 09/08/2007 to 10/08/2007.
24. International level Workshop on **"International Workshop for Educators on Mobile Learning (IWSEML)"** sponsored by Dept. of Computer Science and Applications, Bishop Heber College (Autonomous) organized by Dept. of Computer Science and Applications, Bishop Heber College (Autonomous) at Tiruchirappalli - 620017 during 17/07/2007 to 18/07/2007.



1. **"PACMATS - An Adaptive Symmetric Block Cipher for Parallel Computing Environments"** in the International conference on *International Conference on Wireless Sensor Networks and Information Security (ICWSNIS-13)* sponsored by , organized by SASTRA UNIVERSITY at Thanjavur - 613401 during 20/12/2013 to 21/12/2013.
2. **"PACMA - An Adaptive Symmetric Cryptographic Algorithm for Parallel Computing Environments"** in the International conference on *Fifth International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom-2013)* sponsored by ACEEE, organized by Association of Computer Electronics and Electrical Engineers (ACEEE) at Bangalore, India. during 20/09/2013 to 21/09/2013.
3. **"PACTS - A Communication Intensive Adaptive Symmetric Block Cipher for Parallel Computing Environments"** in the International conference on *IEEE-International Conference on Research and Development Prospects on Engineering and Technology (IEEE-ICRDPET-2013)* sponsored by IEEE, organized by E.G.S. Pillay Engineering College at Nagapattinam-611002 during 29/03/2013 to 30/03/2013.
4. **"AIDEA - A Processing Capacity Based Cryptographic Approach"** in the International conference on *International Conference on Emerging Trends in Electrical and Computer Technology* sponsored by IEEE, organized by St. Xaviers Catholic College of Engineering, Nagercoil-629003 at Nagercoil - 629003 during 23/03/2011 to 24/03/2011.
5. **"Linear Progressive Time Cost Algorithm for Phishing Detection"** in the National conference on *National Conference on Computing Technologies (NCCT-09)* sponsored by , organized by Auxilium College (Autonomous) at Vellore-632006 during 25/09/2009 to 25/09/2009.
6. **"PDAS-An Internet Based Security Approach"** in the International conference on *International Conference on Advanced Computing (ICAC-09)* sponsored by , organized by Bharathidasan University Technology Park (BUTP) and Cauvery College for Women. at Tiruchirappalli during 06/08/2009 to 08/08/2009.
7. **"Cryptanalysis of DES with New Strategy"** in the National conference on *National Conference on Web Services (NCWS-2007)* sponsored by UGC, organized by PSG College of Arts & Science at Coimbatore-641014 during 20/03/2007 to 21/03/2007.
8. **"Parallel Cryptography"** in the National conference on *National Conference on Recent Trends in Computational Mathematics* sponsored by UGC, organized by The Gandhigram Rural Institute - Deemed University at Gandhigram-624302 during 18/03/2004 to 19/03/2004.

1. **"Techniques for Identifying Denial of Service Attacks in Wireless Sensor Networks A Survey"** published in International Journal of Advanced Research in Computer and Communication Engineering (E-JOURNAL) Vol. 3, Issue No. 6, June 2014 ISSN : 2278-1021.
2. **"Detection of Selective Forwarding Attacks in Wireless Sensor Networks A Survey"** published in International Journal of Scientific Engineering and Research (IJSER) (E-JOURNAL) Vol. 2, Issue No. 6, June 2014 ISSN : 2247-3878.
3. **"Implementation of Parallel Adaptive Symmetric Block Ciphers in Heterogeneous Environments"** published in International Journal of Advanced Engineering and Global Technology (IJAEGT) (E-JOURNAL) Vol. 2, Issue No. 5, May 2014 ISSN : 2309-4893.
4. **"Implementation of PACMATS Cryptographic Algorithm in CBC and ICBC Modes"** published in International Journal of Advanced Studies in Computer Science and Engineering (IJASCSE) (E-JOURNAL) Vol. 3, Issue No. 5, May 2014 ISSN : 2278-7917.
5. **"PACMATS : An Adaptive Symmetric Block Cipher for Parallel Computing Environments"** published in Indian Journal of Science and Technology (PEER REVIEW) Vol. 7, Issue No. 4, April 2014 ISSN : 0974-6816.
6. **"CBC and Interleaved CBC Implementation of PACTS Algorithm"** published in International Journal of Computer Network and Information Security (IJCNIS) (PEER REVIEW) Vol. 4, Issue No. 6, March 2014 ISSN : 2074-9090.
7. **"CBC and Interleaved CBC Implementations of PACMA Cryptographic Algorithm"** published in International Journal of Computer Trends and Technology (E-JOURNAL) Vol. 4, Issue No. 10, October 2013 ISSN : 2231-2803.
8. **"A Survey on the Performance of Parallelized Symmetric Cryptographic Algorithms"** published in International Journal of Research and Reviews in Computer Science (IJRRCS) (E-JOURNAL) Vol. 3, Issue No. 3, June 2012 ISSN : 2079-2557.

1. National level Seminar Entitled **"Agile Methodology - Practices for Software Development and Testing"** at Bishop Heber College (Autonomous), Tiruchirappalli - 620017, sponsored by , during 31/07/2020 to 01/01/1900.
2. National level Seminar Entitled **"Microsoft Azure and its Services"** at Bishop Heber College (Autonomous), Tiruchirappalli - 620017, sponsored by , during 27/05/2020 to 27/05/2020.
3. State level Workshop Entitled **"Workshop on Internet of Things"** at Bishop Heber College (Autonomous), Tiruchirappalli - 620017, sponsored by , during 14/02/2020 to 15/02/2020.
4. College level Workshop Entitled **"Social Media Marketing"** at Bishop Heber College (Autonomous), Tiruchirappalli - 620017, sponsored by , during 26/09/2019 to 26/09/2019.
5. National level Workshop Entitled **"National Workshop on Research Tools in Computer Science (NWRCS - 2011)"** at Bishop Heber College (Autonomous), Tiruchirappalli - 620017, sponsored by , during 28/01/2011 to 29/01/2011.

TRAINING PROGRAMME

- 4

- # NATIONAL level FACULTY DEVELOPMENT PROGRAMME on **"CLOUD COMPUTING AND BIG DATA ANALYTICS"** Sponsored by IDT TECHNOLOGIES, Organized by P.G. DEPT. OF COMPUTER APPLICATIONS, BISHOP HEBER COLLEGE (AUTONOMOUS) at TIRUCHIRAPPALLI-620017 during 23/11/2015 - 24/11/2015.
- # NATIONAL level on **"PARALLEL AND HETEROGENEOUS COMPUTING"** Sponsored by nVIDIA, IUCEE, PERSISTENT, OITS, DIVISION IV, Organized by C. V. Raman College of Engineering at Bhubaneswar during 08/07/2013 - 20/07/2013.
- # STATE level on **"Essentials of C#"** Sponsored by Microsoft, Organized by ICT ACADEMY OF TAMILNADU at Bharathidasan University, Trichy during 26/03/2010 - 27/03/2010.
- # SELECT level FACULTY DEVELOPMENT PROGRAMME on **"TRENDS IN COMPUTING"** Sponsored by IEEE MADRAS SECTION, Organized by IEEE MADRAS SECTION at Bharathidasan University, Trichy during 20/12/2008 - 21/12/2008.



Signature of Staff
(J. JOHN RAYBIN JOSE)