

Mrs.PEARLYCHARLES

Associate Professor,
Department of Computer Applications,
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Qualification

Degree	Branch	Institution / University	Year of Passing
Doctorate	Computer Science	Mother Teresa Womens University Kodaikanal	2023
M.Phil	Computer Science	Bharathidasan University	2008
MCA	Computer Application	Bharathidasan University	2003
BCA	Computer Application	Mother Teresa Womens University,Kodaikanal	2000

Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
IMPROVED LOAD BALANCING FOR CLOUD COMPUTING USING CLUSTER BASED APPROACHES	CLOUD COMPUTING	Dr.S.VIMALA	MOTHER TERESA WOMENS UNIVERSITY KODAIKANAL	November 2023

Additional Qualification

Name of Course	Place of Study	Date	Duration
Visual Basic	Kodaikanal	January 2000	3 months
Internet	kodaikanal	July 2000	1 month
MicroSoft Technology Associate	Bishop Heber College,Trichy	April 24,2017	
NPTEL Online Certification - Cloud Computing		Aug-Oct 2019	8 weeks
NPTEL- Computer Networks and Internet Protocol			
Online Short term Skill Training Programme on Python Beginners Tutorial	Trichy Online	May 2020	1 week
Online Short term Skill Training Programme on Python Beginners Tutorial Alagappa University Karaikudi	Trichy Online Alagappa University Karaikudi	May 2020	1 week

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College puthur, Trichy-17	Assistant professor	2004	Till Date
Bishop Heber College	Vayalur Road, Trichy	Associate Professor	4/08/2004	till date

Teaching / Research Experience

U.G. : 19 P.G. : 19 M.Phil. : No Ph.D. : No

Research Guidance

U.G. : No P.G. : 150 M.Phil. : No Ph.D. : No

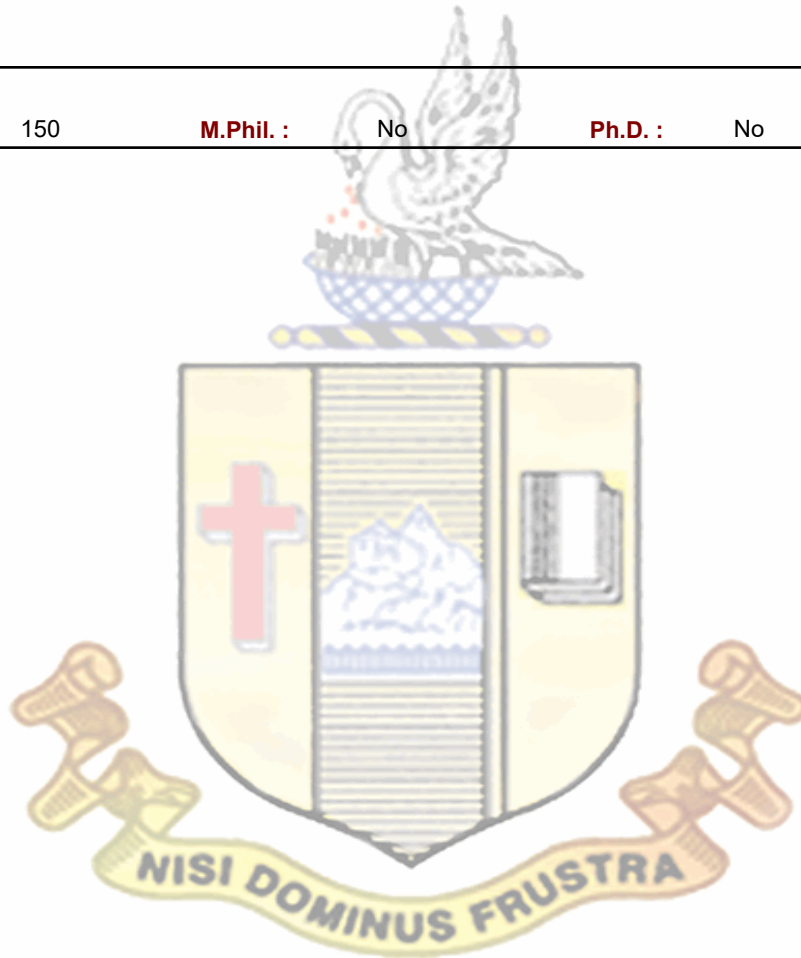


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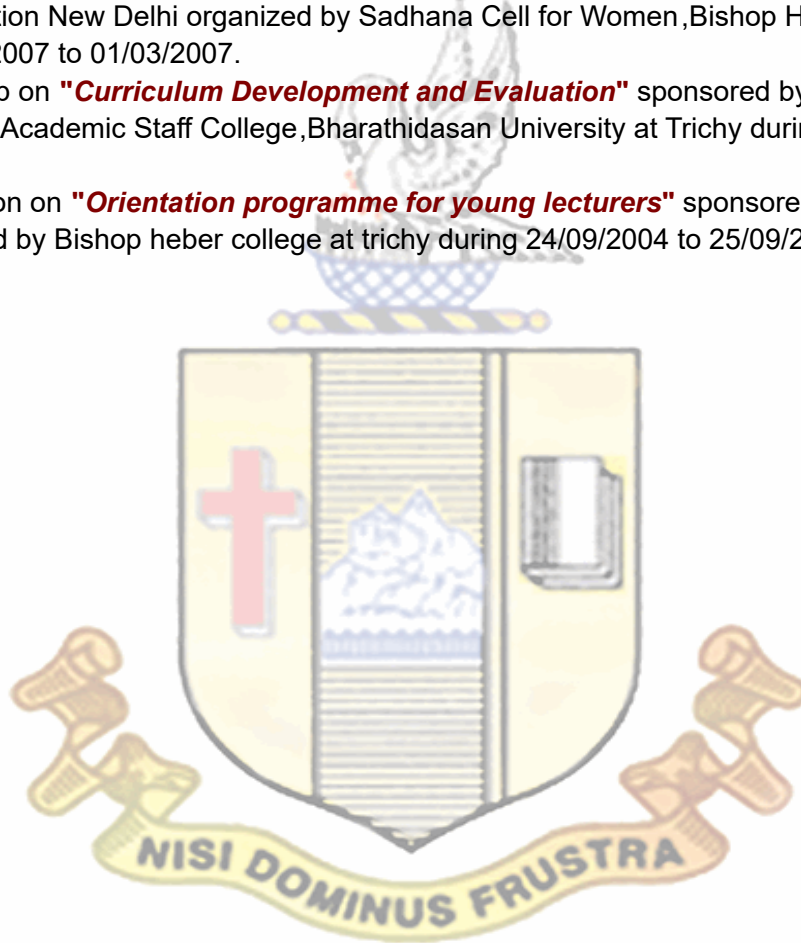
1.	Conferences / workshops / Seminars Attended	57
2.	Research Papers Presented	8
3.	Publication in Journals	6
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	1
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. College level Workshop on **"A two Day Workshop on E-Resources"** sponsored by Department organized by PG & Research Department of Library and Information Science & College Library at Trichy during 26/03/2021 to 27/03/2021.
2. College level Workshop on **"FDP -Two Days Faculty Development programme "Train the Trainers" on Mind Mapping and Stress Management"** sponsored by college organized by Deanery of Academics,Bishop Heber college,Trichy and All India Association for Christian Higher Education(AIACHE),New Delhi at Trichy during 05/03/2021 to 06/03/2021.
3. College level Seminar on **"IoT Application to fight against COVID - 19 pandemic"** sponsored by Department organized by UG Department of Computer applications,Bishop Heber College at Trichy during 17/07/2020 to 17/07/2020.
4. National level Conference on **"Online National Conference on " Exploring The Expectation and Executions in Scientific Research " - EEESR 2020"** sponsored by Mother Teresa Womens University organized by The Departments of BIOTECHNOLOGY, CHEMISTRY, COMPUTER SCIENCE, HOME SCIENCE, MATHEMATICS, PHYSICS & LIBRARY SCIENCE, Mother Teresa Women's University, Kodaikanal. at Kodaikanal during 16/07/2020 to 16/07/2020.
5. International level Seminar on **"One Day international webinar on Online Examination Tools"** sponsored by Department organized by PG Department of computer science shift 2,bishop Heber college at Trichy during 26/06/2020 to 26/06/2020.
6. International level Seminar on **"FDP on Insights on research Challenges in Internet of Everything"** sponsored by Department organized by Department of Computer Applications, St.Anne's Arts and Science College, Chennai. at Chennai during 23/06/2020 to 23/06/2020.
7. College level Seminar on **"webinar on Online Examinations Tools"** sponsored by Department organized by PG Department of Computer Science, Bishop Heber College Trichy at Trichy during 20/06/2020 to 01/01/1900.
8. College level Seminar on **"webinar on Blockchain and Its Use Cases"** sponsored by Department organized by PG Department of Computer Applications Bishop Heber College at Trichy during 18/06/2020 to 18/06/2020.
9. College level Seminar on **"Five days FDP programme on Building Web Applicationwith MEAN stack technologies."** sponsored by Department organized by Department of computer Science and Engineering and Information technology, Kongu Engineering College,Erode at Erode during 15/06/2020 to 01/01/1900.
10. International level Seminar on **"Webinar on Cloud ComputingWebinar on Cloud Computing"** sponsored by Department organized by Department Of Information Systems and Management, Bhaktavatsalam Memorial College for women Chennai at Chennai during 15/06/2020 to 01/01/1900.
11. College level Seminar on **"Webinar on Data Analytics and Applications"** sponsored by Department organized by PG Department of Computer Science, Bishop Heber College Trichy at Trichy during 12/06/2020 to 12/06/2020.
12. College level Seminar on **"Lecture Series"** sponsored by Department organized by School of Electrical and Electronics Engineering and Department of Electronics and Communication Engineering,Sathyabama Institute of Science and Technology.Chennai at Chennai during 12/06/2020 to 14/06/2020.
13. International level Seminar on **"Data Analytics and Applications"** sponsored by Department organized by PG Department of computer science shift 2,bishop Heber college at Trichy during 12/06/2020 to 01/01/1900.
14. College level Seminar on **"Webinar on Online Content Creation tools"** sponsored by Department organized by PG Department of Computer Science Shift 2,Bishop Heber College at Trichy during 11/06/2020 to 21/05/2020.
15. College level Seminar on **" Webinar on Online Content Creation Tools"** sponsored by Department organized by PG Department of Computer Science,(Shift II) Bishop Heber College Trichy at Trichy during 11/06/2020 to 11/06/2020.

16. College level Seminar on **"webinar on Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by Department organized by UG Department of Computer Applications Bishop Heber College at Trichy during 05/06/2020 to 05/06/2020.
17. National level Seminar on **"webinar on Social Innovation and Change Management"** sponsored by college organized by Holy Cross College-Trichy at Trichy during 05/06/2020 to 05/06/2020.
18. College level Seminar on **"Four day webinar series on "Demystifying IoT & Openflow Network""** sponsored by Department organized by Jain (Deemed to be university) School Of Computer Science & It Department Of Bachelor Of Computer Applications at Chennai during 01/06/2020 to 01/01/1900.
19. National level Seminar on **"Online Teaching Tools"** sponsored by Department organized by PG Department of Computer Science at Trichy during 30/05/2020 to 30/05/2020.
20. National level Seminar on **"Exploring Data Analytics using Spark platform and Cloud Services using Kubernetes Containers"** sponsored by Department organized by Department of Computer Science at Trichy during 28/05/2020 to 28/05/2020.
21. National level Seminar on **"Microsoft Azure and It's Services"** sponsored by Department organized by Department of Information Technology at Bishop Heber College Trichy during 27/05/2020 to 27/05/2020.
22. National level Seminar on **"Guiding for Writing a Research Paper"** sponsored by College organized by Research Committee Arasu Engineering College Kumbakonam at Trichy online during 22/05/2020 to 22/05/2020.
23. College level Seminar on **"Webinar on Unlocking Evaluation"** sponsored by IQAC organized by IQAC at Trichy during 22/05/2020 to 22/05/2020.
24. College level Seminar on **"Unlocking Online Evaluation"** sponsored by College organized by IQAC Cell Bishop Heber College at Trichy during 22/05/2020 to 22/05/2020.
25. College level Seminar on **"Online Teaching New Norms"** sponsored by College organized by IQAC Cell Bishop Heber College at Trichy during 21/05/2020 to 21/05/2020.
26. College level Seminar on **"Webinar on Online Teaching :The New Norm"** sponsored by IQAC organized by IQAC at Trichy during 21/05/2020 to 21/05/2020.
27. International level Seminar on **"Artificial Intelligence and Machine Learning for Beginners"** sponsored by Department organized by Department of Electronics and Electrical Communication Sathyabama Institute of Science and Technology Chennai at Trichy online during 14/05/2020 to 14/05/2020.
28. College level Seminar on **"Current Trends in Software Engineering DevOps Overview"** sponsored by Department organized by PG Department of Computer Applications Bishop Heber College at Trichy online during 13/05/2020 to 13/05/2020.
29. International level Workshop on **"Online workshop on Research Methodology"** sponsored by College organized by Pandit Deendayal Petroleum University at Trichy online during 06/05/2020 to 06/05/2020.
30. College level Workshop on **"Open Stack Cloud Computing"** sponsored by Department of computer Application ,Bishop Heber College organized by Department of computer Application ,Bishop Heber College at Trichy during 01/09/2018 to 01/09/2018.
31. College level Workshop on **"Internet of Things"** sponsored by Department of computer Application ,Bishop Heber College organized by Department of computer Application ,Bishop Heber College at Trichy during 14/08/2018 to 14/08/2018.

32. College level Workshop on **"Research Project Preparation for Various Funding Agencies with Special Reference to Women Scientist Scheme"** sponsored by Department of Computer Applications organized by Department of Computer Applications at Bishop Heber College, Trichy during 02/08/2018 to 02/08/2018.
33. International level Workshop on **"Cloud for Educational Institutions"** sponsored by Department of Computer Science organized by Mother Teresa Womens University at Kodaikanal during 22/06/2018 to 23/06/2018.
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. National level Conference on **"National Conference on Computing Technologies"** sponsored by Department of Computer Science organized by Department of Computer Science at Bishop Heber College, Trichy during 26/02/2018 to 26/02/2018.
36. College level 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.
37. 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.
38. College level Workshop on **"Curriculum Design and Evaluation Techniques"** sponsored by DBT organized by Bishop Heber College at Trichy during 21/11/2016 to 22/11/2016.
39. College level Workshop on **"Six Days Faculty Development Programme on Cloud Infrastructure and Science (CIS)"** sponsored by Department of Computer Science, Mother Teresa University organized by Department of Computer Science, Mother Teresa University at Kodaikanal during 13/10/2014 to 17/10/2014.
40. University level Workshop on **"Research Methodology for Ph.D Scholars"** sponsored by Mother Teresa Womens University organized by Mother Teresa Womens University at Kodaikanal during 27/08/2014 to 28/08/2014.
41. National level Conference on **"National Conference on Advanced Computing NCAC 2014"** sponsored by PG & Research Department of Computer Science, amal Mohamed College organized by PG & Research Department of Computer Science, amal Mohamed College at Trichy during 05/03/2014 to 05/03/2014.
42. College level Conference on **"One Day Teachers Conference"** sponsored by Evangelical Teachers Fellowship, Bishop Heber College organized by Evangelical Teachers Fellowship, Bishop Heber College at Trichy during 29/09/2012 to 29/09/2012.
43. College level Workshop on **"Examination Reforms & Evaluation"** sponsored by Internal Quality Assurance Cell, Bishop Heber College organized by Internal Quality Assurance Cell, Bishop Heber College at Trichy during 18/03/2011 to 19/03/2011.
44. National level Workshop on **"National Workshop on Research Tools in Computer Science NWRTCS 2011"** sponsored by PG Department of Information Technology, Bishop Heber College and International Research Forum for Computer Science organized by PG Department of Information Technology, Bishop Heber College and International Research Forum for Computer Science at Trichy during 28/01/2011 to 29/01/2011.
45. International level Conference on **"Second International Conference on Data Engineering and Management"** sponsored by Bishop heber college organized by Bishop heber college at Trichy during 29/07/2010 to 31/07/2010.
46. International level Conference on **"Semantic E-Business and Enterprise Computing(SEEC 2009)"** sponsored by UGC organized by Bishop heber college and Kingston University, London, UK at Trichy during 04/11/2009 to 06/11/2009.
47. International level Conference on **"First International Conference on Data Engineering and Management"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 09/02/2008 to 09/02/2008.

48. University level Workshop on **"Open Source Software"** sponsored by Technology Park,Bharathidasan University organized by Technology Park,Bharathidasan University at Trichy during 23/01/2008 to 24/01/2008.
49. College level Workshop on **"Advanced IP for Teachers"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 09/08/2007 to 10/08/2007.
50. International level Workshop on **"International Workshop for 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 trichy during 17/07/2007 to 18/07/2007.
51. College level Workshop on **"Maternity Protection Benefits in Tamil Nadu"** sponsored by All India Christian Higher education New Delhi organized by Sadhana Cell for Women,Bishop Heber College at Trichy during 01/03/2007 to 01/03/2007.
52. College level Workshop on **"Curriculum Development and Evaluation"** sponsored by TANSCH and UGC organized by Academic Staff College,Bharathidasan University at Trichy during 09/03/2006 to 11/03/2006.
53. College level Orientation on **"Orientation programme for young lecturers"** sponsored by Bishop heber college organized by Bishop heber college at trichy during 24/09/2004 to 25/09/2004.



1. **"" Load Balancing In Cloud Computing Using Density Based Clustering Approach""** in the National conference on *Online National Conference on Exploring the Expectation and Executions in scientific Research* sponsored by College, organized by organized by the Departments of BIOTECHNOLOGY, CHEMISTRY, COMPUTER SCIENCE, HOME SCIENCE, MATHEMATICS, PHYSICS & LIBRARY SCIENCE, Mother Teresa Women's University, Kodaikanal at Kodaikanal during 16/07/2020 to 16/07/2020.
2. **"Load Balancing in cloud environment using Density based Clustering"** in the International conference on *International Conference on Computational Sciences (ICCS 2019)* sponsored by , organized by Department of computer Science, Alagappa University at Karaikudi during 23/10/2019 to 24/10/2019.
3. **"Enhancement of Load Balancing using k-medoids Clustering Approach in Cloud Computing"** in the International conference on *International Conference on "cyber Security and E-governance"* sponsored by , organized by Department of Computer Science and Information Technology. Kodaikanal Christian College, Kodaikanal at Kodaikanal during 14/09/2018 to 14/09/2018.
4. **"A review on Cloud based load balancing algorithms"** in the International conference on *International Conference on Computing Communication and Information Science (ICCCIS 16)* sponsored by Department of Computer Science, Computer Applications and Information Technology. Bishop Heber College, organized by Department of Computer Science, Computer Applications and Information Technology. Bishop Heber College at Trichy during 28/07/2016 to 29/07/2016.
5. **"Load Balancing Algorithms For Cloud-A Survey"** in the National conference on *National Conference on Big Data Analytics (NCBDA 2016)* sponsored by , organized by Selvamm Arts & Science College at Namakkal during 05/02/2016 to 05/02/2016.
6. **"A General Survey on Mobile Cloud Computing"** in the National conference on *National Conference on Networking, Intelligence & Computing (NCNIC 2014)* sponsored by , organized by Kongu Engineering College at Erode during 21/03/2014 to 21/03/2014.
7. **"Data Mining On Mobile Devices Thru Web Services@J2ME"** in the National conference on *Web Science & Technology in Association with ICTACT* sponsored by UGC, organized by PSG College of Arts and Science at Coimbatore during 10/10/2012 to 11/10/2012.



1. **"Load Balancing in Cloud computing using Agglomerative Hierarchical Clustering Approach"** published in Journal of Advanced Research in Dynamical and Control Systems (PEER REVIEW) Vol. 11, Issue No. 04, March 2019 ISSN : 1943-023X.
4. **"Load Balancing in Cloud Computing Using Agglomerative Hierarchical Clustering Approach"** published in Journal of Advanced Research in Dynamical & Control Systems (PEER REVIEW) Vol. 11, Issue No. 04, March 2019 ISSN : 943-023X.
Impact factor , Scopus Index , h - index 6, Citation index
5. **"Load Balancing in Cloud Computing using K-Medoids Clustering Approach"** published in International Journal of Scientific Research in Computer Science Applications and Management Studies (PEER REVIEW) Vol. 7, Issue No. 5, September 2018 ISSN : ---.
6. **"A Review on Cloud Based Load Balancing Algorithms"** published in International Journal of Control Theory and Applications(IJCTA) (CONFERENCE PROCEEDING) Vol. 9, Issue No. 26, January 1900 ISSN : 0974-5572.

Conferences / Workshops / Seminars Organised

- 1

1. International level Conference Entitled **"Computing Communication and Information Sciences"** at Trichy, sponsored by , during 28/07/2016 to 29/07/2016.



- # COLLEGE level on **"Train the Trainers on Mind Mapping and stress management"** Sponsored by Deanery of Academics and AIACHE, Organized by Deanery of Academics Bishop Heber college at Trichy during 05/03/2021 - 06/03/2021.
- # NATIONAL level on **"Online Mock Test Series UGC NET PAPER I"** Sponsored by Department, Organized by Department of Computer Science Shift 2 DRBCCC Hindu College Chennai at Trichy online during 02/06/2020 - 02/06/2020.
- # NATIONAL level on **"E-Quiz on Artificial Intelligence"** Sponsored by Department, Organized by PG Department of Computer Science MMES Womens Arts and Science College Ranipet. at Trichy online during 30/05/2020 - 30/05/2020.
- # NATIONAL level on **"National level Awareness Quiz on ICT Initiatives of MHRD and UGC"** Sponsored by College, Organized by IQAC Jamal Mohammed College Trichy. at Trichy online during 27/05/2020 - 27/05/2020.
- # INTERNATIONAL level on **"Online FDP on Machine Learning and Deep Learning"** Sponsored by Department, Organized by SRM Institute of Science and Technology Kattankulathur at Trichy online during 27/05/2020 - 30/05/2020.
- # COLLEGE level on **"Online FDP Current Trends in Software Engineering DevOps Overview"** Sponsored by Department, Organized by PG Department of Computer Applications Bishop Heber College at Trichy online during 13/05/2020 - 13/05/2020.
- # COLLEGE level on **"Online FDP Current Trends in Software Engineering Agile and Scrum Overview"** Sponsored by Department, Organized by PG Department of Computer Applications Bishop Heber College at Trichy online during 12/05/2020 - 12/05/2020.
- # NATIONAL level on **"National Level Technical Quiz"** Sponsored by Department, Organized by Department of Computer Applications and Software Applications Sree Muthukumara Samy College Chennai at Trichy online during 08/05/2020 - 08/05/2020.
- # COLLEGE level ORIENTATION on **"Faculty Enrichment Programme"** Sponsored by , Organized by Internal Quality Assurance Cell, Bishop Heber College at Trichy during 18/02/2016 - 19/02/2016.
- # NATIONAL level SELECT on **"Two Day National Level Faculty Development Programme"** Sponsored by , Organized by innovative Dynamic Technologies Coimbatore, PG Department of Computer Applications, Bishop Heber College at Trichy during 23/11/2015 - 24/11/2015.
- # COLLEGE level on **"capacity Building Programme"** Sponsored by , Organized by Internal Quality Assurance Cell, Bishop Heber College at Trichy during 25/02/2012 - 25/02/2012.
- # COLLEGE level on **"Soft Skills Training"** Sponsored by , Organized by Department of Computer Science & Applications, Bishop Heber College at Trichy during 06/08/2008 - 11/08/2008.
- # COLLEGE level ORIENTATION on **"Two day Orientation Programme for Young Lectures"** Sponsored by , Organized by Bishop Heber College at Trichy during 24/09/2004 - 25/09/2004.
- # COLLEGE level ORIENTATION on **"Two day Orientation Programme for Young Lectures"** Sponsored by , Organized by Bishop Heber College at Trichy during 24/09/2004 - 25/09/2004.
- # SELECT level on **"6 Weeks Online Internshala Training Program"** Sponsored by , Organized by at during 01/01/1900 - 01/01/1900.

Signature of Staff
(PEARLYCHARLES)