

## Dr.S.ANNAL EZHIL SELVI

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

E-mail : annalabel.cs@bhc.edu.in

Phone : 8754968020

Web:

### Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Computer Science	Bishop Heber College	2019
M.Phil	COMPUTER SCIENCE	Bharathidasan University	2011
MCA	COMPUTER SCIENCE	Bharathidasan University	2006
BCA	COMPUTER SCIENCE	Bharathidasan University	2003

### Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
SYSTEMATIC APPROACHES FOR PROVIDING AN EFFICIENT DATA STORAGE IN CLOUD ENVIRONMENT	Cloud Storage	Dr. P. Thangaraju	Bishop Heber College	October 2019

Cleared NET / SET :	Details	Year of Passing
NET	72000790	July 2016
Cleared NET / SET :	Details	Year of Passing
SET	1303653	October 2016

### Additional Qualification

Name of Course	Place of Study	Date	Duration
Visual Basics	SSI	April 2003	6 months

## Work Experience

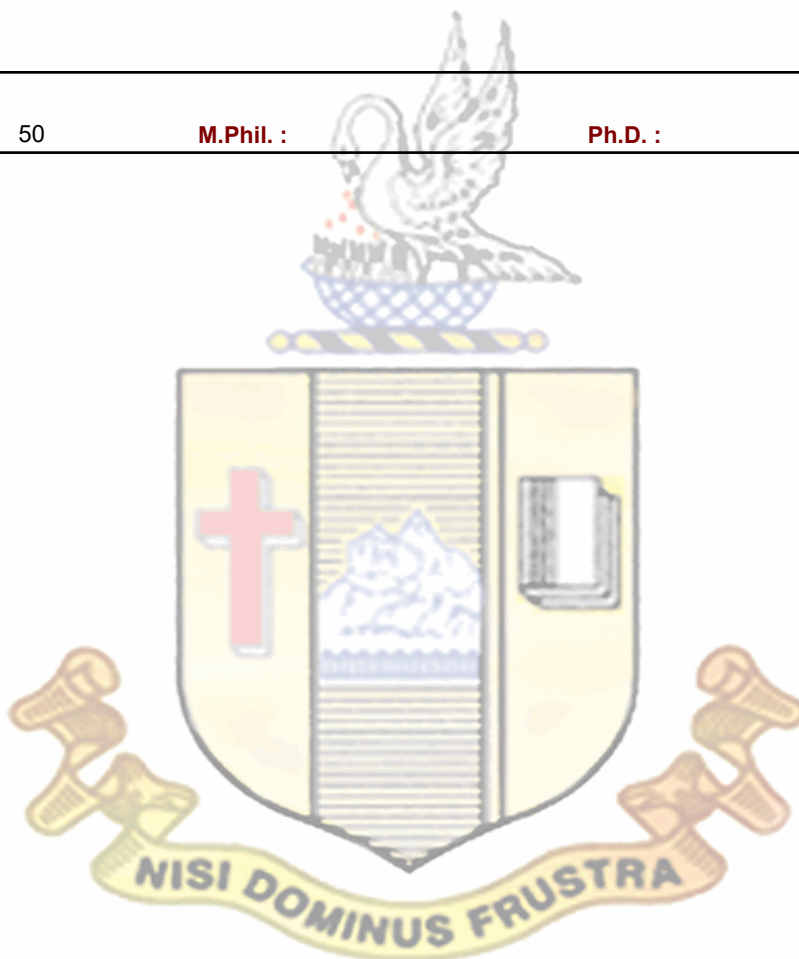
Name of Institution	Address of Institution	Designation	From	To
BISHOP HEBER COLLEGE	PUTTUR, TRICHY -17	ASSISTANT PROFESSOR	2008	
Bishop Heber College	Vayallur Road, Puttur, Trichy-17	Assistant Professor	15/07/2008	Till

## Teaching / Research Experience

**U.G. :** 13      **P.G. :** 13      **M.Phil. :**      **Ph.D. :**

## Research Guidance

**U.G. :** 150      **P.G. :** 50      **M.Phil. :**      **Ph.D. :**



## Table of Contents

1.	<b>Conferences / workshops / Seminars Attended</b>	<b>18</b>
2.	<b>Research Papers Presented</b>	<b>6</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>0</b>
7.	<b>Research Projects</b>	<b>1</b>
8.	<b>Resource Person</b>	<b>4</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>1</b>
11.	<b>Patent</b>	<b>1</b>
12.	<b>Extension Activities Undertaken</b>	<b>1</b>
13.	<b>Professional Membership</b>	<b>0</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

1. College level Workshop on **"A Two-Day Workshop on E-Resources A Boon for the Teaching and Research"** sponsored by PG and Research Department of Library and Information Science organized by PG and Research Department of Library and Information Science at Bishop Heber College during 26/03/2021 to 27/03/2021.
2. University level Orientation on **"Awareness Programme"** sponsored by NSS-WISH Forum organized by NSS-WISH Forum at Bharathidasan University Trichy 24 during 10/03/2021 to 10/03/2021.
3. College level Workshop on **"Twodays Workshop on Ecology at Valparai"** sponsored by Sadhana Cell organized by Sadhana Cell at Valparai during 15/02/2021 to 16/02/2021.
4. International level Conference on **"Conference"** sponsored by PG Department of Computer Science organized by PG Department of Computer Science at Bishop Heber College Trichy during 14/12/2020 to 14/12/2020.
5. College level Orientation on **"Capacity Building Programme"** sponsored by IQAC organized by IQAC at Bishop Heber College Trichy during 13/10/2020 to 16/10/2020.
6. College level Workshop on **"Faculty Recharge Programme"** sponsored by IQAC organized by IQAC at Bishop Heber College during 12/06/2019 to 13/07/2019.
7. 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.
8. College level Workshop on **"Workshop on Angular JS"** sponsored by PG Department of Computer Applications organized by PG Department of Computer Applications at Bishop Heber College during 24/02/2018 to 24/02/2018.
9. College level Workshop on **"Faculty Recharging Programme"** sponsored by PG Department of Computer Science organized by PG Department of Computer Science at Bishop Heber College during 28/08/2017 to 01/09/2017.
10. National level Workshop on **"R programming for Statistics and Data Mining"** sponsored by Department of Computer Science organized by Department of Computer Science at Srimad Andavan Arts and Science College during 27/04/2017 to 28/04/2017.
11. College level Workshop on **"Curriculum Design and Evaluation Techniques"** sponsored by DBT organized by Bishop Heber College at Bishop Heber College during 21/11/2016 to 22/11/2016.
12. State level Workshop on **"Grid and Cloud Computing"** sponsored by IDT organized by K.Ramakrishnan College of Technology at K.Ramakrishnan College of Technology during 22/08/2016 to 23/08/2016.
13. International level Seminar on **"Wearable Devices and Big Data"** sponsored by HEBA A organized by HEBA A at Bishop Heber College during 06/04/2016 to 06/04/2016.
14. International level Orientation on **"Faculty Enrichment Programme"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 18/02/2016 to 01/01/2016.
15. National level Orientation on **"Cloud Computing & Big Data Analytics"** sponsored by IDT organized by IDT at Bishop Heber College during 23/11/2015 to 24/11/2015.
16. College level Orientation on **"Faculty Development Programme"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 27/10/2015 to 27/10/2015.

17. State level Seminar on **"Data Management on cloud computing Platforms"** sponsored by National Institute of Technology organized by National Institute of Technology at National Institute of Technology during 01/08/2012 to 01/08/2012.
18. National level Workshop on **"Research Tools in Computer Science"** sponsored by Bishop Heber College organized by Bishop Heber College at Bishop Heber College during 28/01/2011 to 01/01/1900.

## Research Papers Presented

- 6

1. **"An Efficient Sensory Based Cost-effective IoT Model for Prior Prediction of Covid-19"** in the International conference on *2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)* sponsored by IEEE, organized by KCT at Coimbatore during 08/10/2021 to 09/10/2021.
2. **"An Analysis on Data Storage in Cloud Environment"** in the National conference on *National Conference on Computing Technologies* sponsored by , organized by PG Department of Computer Science at Bishop Heber College during 26/03/2018 to 26/03/2018.
3. **"A Statistical Analysis on Data Storage Issues for Cloud Computing Environment"** in the National conference on *National Conference on Computing Technologies* sponsored by , organized by PG Department of Computer Science at Bishop Heber College during 26/02/2018 to 26/02/2018.
4. **"An Analysis of Data Replication Issues and Strategies on Cloud Storage System"** in the National conference on *National Conference on Information Communication and Networking* sponsored by , organized by Konngunadu College of Engineering and Technology at Namakkal during 14/03/2015 to 14/03/2015.
5. **"A Detailed Analysis of Cloud Storage Issues"** in the International conference on *International conference on mthematical Method and Computation* sponsored by , organized by Jamal Mohamed College at Jamal Mohamed College during 22/01/2015 to 23/01/2015.
6. **"A Dynamic Mechanism to provide seamless connection with Heterogeneous Wireless Networks"** in the National conference on *National conference on advances in Mobile Technologies* sponsored by , organized by Srimad Andavan Arts and Science College at Srimad Andavan Arts and Science College during 20/09/2013 to 20/09/2013.



## Publication in Journals

- 8

1. **"A Neoteric Geo-Distance Based 2- Replica Placing Algorithms on Cloud Storage System"** published in International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (PEER REVIEW) Vol. 11, Issue No. 3, July 2023 ISSN : 2147-6799.
2. **"Geo-Distance Based 2- Replica Maintaining Algorithm for Ensuring the Reliability forever Even During the Natural Disaster on Cloud Storage System"** published in International Journal on Recent and Innovation Trends in Computing and Communication (PEER REVIEW) Vol. 11, Issue No. 7s, May 2023 ISSN : 2321-8169.
3. **"An Astute Cost-effective Water Quality Monitoring And Alarming System Using IoT"** published in Journal Of Education: Rabindrabharati University (PEER REVIEW) Vol. 23, Issue No. 6, June 2021 ISSN : 0972-7175.
4. **"RAAES Reliability Assured and Availability Enhanced Storage for Cloud Environment"** published in International Journal of Pure and Applied Mathematics (PEER REVIEW) Vol. 118, Issue No. 9, March 2018 ISSN : 13143395.
5. **"Popularity (Hit Rate) Based Replica Creation for Enhancing the Availability in Cloud Storage"** published in International Journal of Intelligent Engineering and System (PEER REVIEW) Vol. 11, Issue No. 2, February 2018 ISSN : 21853118.  
Impact factor , Scopus Index 0.25, h - index , Citation index
6. **"Optimizing the Storage Space and Cost with Reliability Assurance by Replica Reduction on Cloud Storage System"** published in International Journal of Advanced Research in Computer Science (PEER REVIEW) Vol. 8, Issue No. 8, October 2017 ISSN : 09765697.
7. **"Ranking Algorithm Based on Files Accessing Frequency for Cloud Storage System"** published in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) (PEER REVIEW) Vol. 4, Issue No. 9, September 2017 ISSN : 23943785.
8. **"An Analysis of Data Replication Issues and Strategies on Cloud Storage System"** published in International Journal of Engineering Research and Technologies (CONFERENCE PROCEEDING) Vol. 3, Issue No. 7, May 2015 ISSN : 2278-0181.

## Books Published / Edited

- 1

- \* S. Annal Ezhil Selvi . **COMPILER DESIGN Concepts, Worked out Examples and MCQs for NET/SET**. Bishop Heber College : L ORDINE NUOVO PUBLICATION , March 2017.

## Awards Recieved

- 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best Programme Officer	Bharathidasan University	01/01/2022	UNIVERSITY	Bishop Heber College	

20/05/2024

10:46:40AM

Report generated by BISHOP HEBER COLLEGE(AUTONOMOUS),Trichy - 17.

## RESEARCH PROJECTS - 1

1. Minor project entitled **"AN ASTUTE COST-EFFECTIVE WATER QUALITY MONITORING AND ALARMING SYSTEM USING IoT"** (*PRINCIPAL INVESTIGATOR*), Sponsored by Bishop Heber College, during 21/01/2021 to 8/15/2021 [Completed].

## EXTENSION / PART V ACTIVITIES UNDERTAKEN - 1

1. NSS Programme Officer, National Service Scheme for Society for the Trichy during 06/01/2020 to 01/01/1900.

## TRAINING PROGRAMME - 1

- # COLLEGE level ORIENTATION on **"Students induction program"** Sponsored by Bishop Heber College, Organized by Students Service Centre at Bishop Heber College during 26/06/2019 - 28/07/2019.

## RESOURCE PERSON - 4

1. Regional level Invited Lectures on **"Effective Usage of Technology in Teaching"** at Bon Secours College of Education, Thanjavur, 21/09/2023.
- 2.
3. State level Expert Committee on **" PG TRB Computer Science Exam Coaching Classes"** at CARE Academy, Trichy-02, 09/12/2019.
4. College level Orientation on **"Tips to Crack Net"** at Bishop Heber College, 28/08/2017.

## PATENT - 1

Type	Nature	Patent No.	Status	Month & Year
NATIONAL	Design of Early Warning System for Vehicle Safety Using Sensors in a Cloud Environment	202141025801 A	APPLIED	6/25/2021 12:00:(

## Additional Information

@ NSS programme Officer for unit 6 from June 2020

**Signature of Staff**  
**(S.ANNAL EZHIL SELVI)**