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MAGDALENE

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Qualification

Degree	Branch	Institution / University	Year of Passing
M.Phil.	Computer Science	Vinayaka Missions University	2009
MCA.,	Computer Applications	Bishop Heber College, Tiruchirappalli	2001
B.Sc.,	Chemistry	Holy Cross College, Tiruchirappalli	1997

Ph.D. Details

Title of Thesis		Area of Specialization	
Prediction on Energy Generation through Renewable Resources in Smart Home		Data Analytics	
Research Supervisor	Research Centre	Year of Award	
Dr.B.Smitha Evelin Zoraida	Bharathidasan University	Pursuing	

Cleared NET / SET :	Details	Year of Passing
NET	72005618	June 2015

Additional Qualification

Name of Course	Place of Study	Date	Duration
Moodle Learning Management System	Online	May 2020	1 week
R Programming	Online	20.05.2021	6 Weeks
Microsoft Excel	Tiruchirappalli	May 2020	
An Introduction to Hybrid Teaching	Online	August 2021	4 weeks
Youth Counsellor Training Program	Online	July 2021	4 days
Programming in R	Online	April 2020	4 weeks
New Models of Education: Using Digital Tools in Higher Education	Online	May 2020	2 weeks
Introduction to IoT	Online	15.07.2021	2 weeks
Artificial Neural Networks (ANN) with Keras in Python and R	Online	August 2021	5 days
Python Programming 2021 Full Coverage:A Practical Approach:	Online	August 2021	

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Puthur, Trichy-17	Assistant Professor	1.7.2008	Till date

Teaching / Research Experience

U.G. : 8 yrs & 7 **P.G. :** 8 yrs & 7 mo **M.Phil.** **Ph.D.**

Table of Contents

1.	Conferences / workshops / Seminars Attended	39
2.	Research Papers Presented	0
3.	Publication in Journals	4
4.	Publication in Books	0
5.	Books Published / Edited	1
6.	Conferences / Workshops / Seminars Organised	1
7.	Research Projects	0
8.	Resource Person	3
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	1
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. International level Workshop on **"Life Skills for Professional Competence"** sponsored by Government First Grade College, Bidadi in association with NIMHANS, Bengaluru organized by Government First Grade College, Bidadi in association with NIMHANS, Bengaluru at Online during 28/07/2021 to 03/08/2021.
2. State level Workshop on **"Workshop on Essential MS Excel"** sponsored by CIT – TLC organized by CIT – TLC at Online during 24/06/2020 to 25/06/2020.
3. National level Seminar on **"Define Success for Yourself and Achieve it with high performance Habits"** sponsored by IEEE Student Branch NSAKCET organized by IEEE Student Branch NSAKCET at during 20/06/2020 to 01/01/1900.
4. State level Seminar on **"Applications of IoT in Education"** sponsored by Womens Christian College organized by Womens Christian College at Online during 18/06/2020 to 18/06/2020.
5. National level Seminar on **"Insights of Data Science"** sponsored by IEEE Student branch NSAKCET organized by IEEE Student branch NSAKCET at Online during 18/06/2020 to 18/06/2020.
6. National level Seminar on **"Block Chain and Its Use Cases"** sponsored by PG Department of Computer Applications, Bishop Heber College organized by PG Department of Computer Applications, Bishop Heber College at Online during 18/06/2020 to 18/06/2020.
7. International level Seminar on **"Machine Learning: Linear Regression"** sponsored by Department of Computer Science and Application, Loyola College, Vettavalam organized by Department of Computer Science and Application, Loyola College, Vettavalam at Online during 17/06/2020 to 17/06/2020.
8. International level Conference on **"Data Science"** sponsored by Department of Computer Science and Application, Loyola College, Vettavalam organized by Department of Computer Science and Application, Loyola College, Vettavalam at Online during 15/06/2020 to 18/06/2020.
9. International level Seminar on **"IIOT - Real Time Approach"** sponsored by Department of Computer Science and Engineering , R.V.S College of Engineering organized by Department of Computer Science and Engineering , R.V.S College of Engineering at Online during 13/06/2020 to 13/06/2020.
10. International level Seminar on **"Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by UG Department of Computer Applications organized by UG Department of Computer Applications at Online during 05/06/2020 to 05/06/2020.
11. International level Seminar on **"Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by UG Department of Computer Applications organized by UG Department of Computer Applications at Online during 05/06/2020 to 05/06/2020.
12. International level Seminar on **"Scope and Impact of Artificial Intelligence and Machine Learning"** sponsored by UG Department of Computer Applications organized by UG Department of Computer Applications at Online during 05/06/2020 to 05/06/2020.
13. State level Seminar on **"Fun-Tastic English to Communicate"** sponsored by M.E.T. Engineering College, Aralvaimozhi, Kanyakumari District organized by M.E.T. Engineering College, Aralvaimozhi, Kanyakumari District at Online during 03/06/2020 to 03/06/2020.
14. National level Seminar on **"How to Shoot Better Photos"** sponsored by Sri Venkateshwaraa College of Technology, Sriperumbudur organized by Sri Venkateshwaraa College of Technology, Sriperumbudur at Online during 02/06/2020 to 02/06/2020.
15. State level Workshop on **"Skill Development Programme on Professional Skills"** sponsored by Department of English(Aided), Nirmala College for Women organized by Department of English(Aided), Nirmala College for Women at Online during 30/05/2020 to 01/06/2020.
16. National level Seminar on **"Microsoft Azure and its Services"** sponsored by Bishop Heber College, Trichy organized by Bishop Heber College, Trichy at Tiruchirappalli during 27/05/2020 to 27/05/2020.

17. College level Seminar on **"Unlocking Online Evaluation"** sponsored by Bishop Heber College, Trichy organized by Bishop Heber College, Trichy at Tiruchirappalli during 22/05/2020 to 22/05/2020.
18. College level Seminar on **"Online Teaching: The New Norm"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 21/05/2020 to 21/05/2020.
19. National level Seminar on **"Internet of Things"** sponsored by Kovai Kalaimagal College of Arts and Science, Coimbatore organized by Kovai Kalaimagal College of Arts and Science, Coimbatore at Tiruchirappalli during 20/05/2020 to 20/05/2020.
20. National level Seminar on **"Let's Get Back to Routine with Ease"** sponsored by SRM Institute of Science and Technology, Ramapuram, Chennai organized by SRM Institute of Science and Technology, Ramapuram, Chennai at Tiruchirappalli during 15/05/2020 to 15/05/2020.
21. National level Seminar on **"How to be A Successful Instructional Designer in e-Learning"** sponsored by PSG Arts and Science College, Coimbatore organized by PSG Arts and Science College, Coimbatore at Trichy during 06/05/2020 to 01/01/1900.
22. National level Seminar on **"How to be Secured in Digital Era"** sponsored by SRM Institute of Science and Technology, Ramapuram, Chennai organized by SRM Institute of Science and Technology, Ramapuram, Chennai at Tiruchirappalli during 05/05/2020 to 05/05/2020.
23. College level Workshop on **"OpenStack and Cloud Computing"** sponsored by Department of Computer Applications organized by Department of Computer Applications at Bishop Heber College during 01/09/2018 to 01/09/2018.
24. College level Workshop on **"Internet of Things"** sponsored by Department of Computer Applications organized by Department of Computer Applications at Bishop Heber College during 14/08/2018 to 14/08/2018.
25. 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 during 02/08/2018 to 02/08/2018.
26. College level Workshop on **"Examinations and Evaluation Reforms"** sponsored by IQAC organized by IQAC BHC at Bishop Heber College during 10/03/2018 to 10/03/2018.
27. College level Workshop on **"Angular JS"** sponsored by Department of Computer Applications organized by Computer Applications at Bishop Heber College during 24/02/2018 to 24/02/2018.
28. -1 level Workshop on **"Wordclass Curriculum Design for computer Science with Research Aspects"** sponsored by UGC organized by Department of Computer Science at BDU, Kajamalai during 15/11/2017 to 15/11/2017.
29. College level Workshop on **"Faculty Empowerment Program"** sponsored by IQAC organized by IQAC BHC at Bishop Heber College during 14/06/2017 to 14/06/2017.
30. College level Workshop on **"Cloud Computing & Big Data Analytics"** sponsored by Innovative Dynamic Technologies, Coimbatore organized by Innovative Dynamic Technologies, Coimbatore at Bishop Heber College during 23/11/2015 to 24/11/2015.
31. College level Workshop on **"Quality Assurance Procedures and Techniques"** sponsored by IQAC organized by IQAC at Bishop Heber College during 27/10/2015 to 27/10/2015.
32. National level Conference on **"Advanced Computing"** sponsored by UGC organized by Jamal Mohammed College at Jamal Mohammed College during 05/03/2014 to 05/03/2014.
33. State level Orientation on **"National Service Scheme"** sponsored by Empannelled Training Institution (For Ministry of Youth Affairs & Sports) organized by Empannelled Training Institution (For Ministry of Youth Affairs & Sports) at Madras School of Social Work, Chennai during 12/09/2011 to 17/09/2011.

34. University level Seminar on **"Menstrual Hygiene Management"** sponsored by Bharathidasan University & Menstrual Hygiene Management organized by Bharathidasan University & Menstrual Hygiene Management at Bharathidasan University during 30/08/2011 to 30/08/2011.
35. College level Seminar on **"Campus Waste Management"** sponsored by United Board Heber Partnership For Environmental Action organized by United Board Heber Partnership For Environmental Action at Bishop Heber College during 26/08/2011 to 26/08/2011.
36. College level Workshop on **"Examination Reforms & Evaluation"** sponsored by Internal Quality Assurance Cell organized by Internal Quality Assurance Cell at Bishop Heber College during 25/03/2011 to 26/03/2011.
37. National level Workshop on **"Research Tool in Computer Science"** sponsored by International research forum for Computer Science & Bishop Heber College organized by International research forum for Computer Science & Bishop Heber College at Bishop Heber College during 28/01/2011 to 29/01/2011.
38. International level Conference on **"Data Engineering and Management"** sponsored by UGC organized by National Institute of Informatics, Japan & Bishop Heber College at Bishop Heber College during 29/07/2010 to 31/07/2010.
39. International level Conference on **"SEEC"** sponsored by UGC organized by Kingston University, UK & Bishop Heber College at Bishop Heber College during 04/11/2009 to 06/11/2009.

Publication in Journals - 4

1. **"Prediction of Energy Consumption from Renewable Solar Resources in a Smart Home using Markov Chain"** published in (PEER REVIEW) Vol. 22, Issue No. 9, September 2022 ISSN : 1738-7906.
2. **"Prediction of Energy Consumption from Renewable Solar Resources in a Smart Home using Markov Chain"** published in International Journal of Computer Science and Network Security (PEER REVIEW) Vol. 22, Issue No. 9, September 2022 ISSN : 1738-7906.
3. **"Prediction of Energy Consumption from Renewable Solar Resource in a Smart Home based on Seasons using Markov Chain"** published in Strad Research (PEER REVIEW) Vol. 7, Issue No. 6, June 2020 ISSN : 0039-2049.
4. **"Predicting Household Energy Consumption in Smart Grid Based on Seasonality Using Stochastic Markov Chain"** published in Studia Rosenthaliana(Journal for the Study of Research) (PEER REVIEW) Vol. XII, Issue No. II, February 2020 ISSN : 1781-7838.

Books Published / Edited - 1

- * Chandramouli Subramanian . **Big Data Analytics**. : Universities Press , October 2023.

Conferences / Workshops / Seminars Organised

- 1

1. National level Seminar Entitled **"Fundamentals of Big Data Analytics with R Programming"** at Tiruchirappalli, sponsored by , during 24/07/2020 to 24/07/2020.

EXTENSION / PART V ACTIVITIES UNDERTAKEN

- 1

1. Programme officer, NSS for Ug Students , BHC. for the BHC, Trichy. during 01/06/2010 to 01/06/2013.

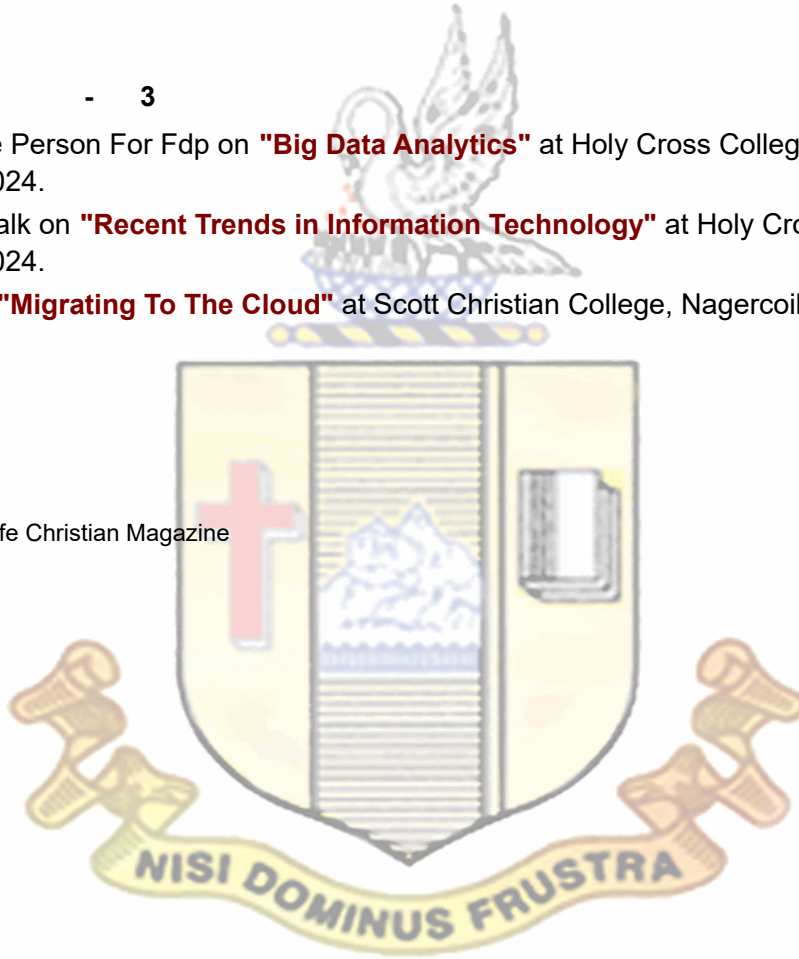
RESOURCE PERSON

- 3

1. National level Resource Person For Fdp on **"Big Data Analytics"** at Holy Cross College, Tiruchirappalli, 23/01/2024.
2. Regional level Invited Talk on **"Recent Trends in Information Technology"** at Holy Cross College, Tiruchirappalli, 18/01/2024.
3. State level Webinar on **"Migrating To The Cloud"** at Scott Christian College, Nagercoil, 15/12/2021.

Additional Information

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Signature of Staff

(J.JASMINE CHRISTINA MAGDALENE)