

**SREE SANKARA VIDYAPEETOM COLLEGE,
VALAYANCHIRANGARA
PERUMBAVOOR
PIN - 683556**

FACULTY PROFILE

GENERAL INFORMATION



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|--------------------------------|---------------------------------------------------|
| 1. Name of the Faculty: | Dr.Prathibha P.H |
| 2. Department: | PG Dept. Of Computer Science |
| 3. Designation : | Asst. Professor |
| 4. Date of joining service : | 19.02.2020 |
| 5. Date of birth: | 12/10/1979 |
| 6. Date of Retirement | 31/3/2040 |
| 7. Remaining service | 18 |
| 8. Date of commencement of P.G | 3 / 9/2020 |
| 9. Sex: | Female |
| 10. Marital status: | Married |
| 11.Phone Number | 9495841537 |
| 12.Mail ID : | prathibhaph@ssvcollege.ac.in |
| 13.Residential address | PrathibhaNivas,Valayanchirangara, Perumbavoor, |
| 14.Blood Group: | B+ |

II ACADEMIC QUALIFICATION:

| Sl.No | Exam Passed | Board/University | Subjects | Year |
|-------|-------------|---------------------------------|------------------------|------|
| 1 | Ph.D | Bharathiar | Computer Science | 2019 |
| 2 | MTech | Karnataka State Open University | Information Technology | 2011 |
| 3 | MPhil | Madurai Kamaraj University | Computer Science | 2005 |
| 4 | M.Sc | Bharathiar | Computer Science | 2002 |
| 5 | B.Sc | Mahatma Gandhi | Electronics | 2000 |
| 6 | +2 | Higher secondary | Science | 1997 |
| 7 | SSLC | Kerala State Board | | 1995 |

III. TEACHING EXPERIENCE

| Sl No | Name Of The Institution | Designation | From | To | Remarks |
|-------|---------------------------------------------------|----------------------------------------------------|------------|-----------|---------|
| 1 | Marthoma College for Women, Perumbavoor | Project Trainee | April 2002 | July 2002 | |
| 2 | Sreesankara Vidyapeetom College, Valyanchirangara | Asst .Professor, HOD, Guest Lectuer(Self Finance) | July 2002 | Feb 2019 | |
| 3 | SreeSankara Vidyapeetom College, Valyanchirangara | Asst.Professor | Feb 2019 | Till | |

IV: RESAERCH AND DEVELOPMENT ACTIVITIES

Details of International/National/State level Seminars /workshops/conferences attended

1. UGC Sponsored National Conference on Cyber Law and Cyber Forencics, Sree SankaraVidyapeetom College,Valayanchirangara ,Kerala on 13th & 14th August,2013.
2. UGC Sponsored National Workshop on Molecular Identification and Computational Biology, MES College, Marampally, Kerala (In association with Dept. of Cochin University of Science and Technology), December 16-20 (5 Days), 2013
3. UGC Sponsored National seminar on New Perspectives of Mathematical Theory of Computer Science, organized by the Department of Mathematics, S.H College, Thevara on 3rd & 4th February 2014.
4. National Conference on Computing Technologies-2014, organized by Department of Computer Science and Engineering, Sree Narayana Gurukulam College of Engineering, Kadayirippu, Kerala on 6th & 7th March 2014.
5. UGC Sponsored National Conference on Advances in Biotechnology - 2014, Jointly organized by the Department of Biotechnology, Cochin University of Science And Technology , Kerala and People of Biotech Alumini on 15th & 16th December 2014.
6. UGC Sponsored workshop on Machine Learning Techniques for Data Mining organized by Department of Computer Application, MES College Marampally in Association with CUSAT , Kochi, Kerala on 12th & 13th of January 2015.
7. UGC Sponsored National Conference on Computer Science and its Application organized by Prajyothi Niketan College, Pudukad, Thrissur, Kerala on 6th and 7th of February 2015.
8. 2015 IEEE International conference on Computing and Communications Technologies (ICCCT'15), organized by Sai Ram Engineering College, Chennai, Tamilnadu, on 26th and 27th Feb 2015.

9. National Level Workshop On Teaching Effectiveness through Innovative Methods(TEIM-2015), organized by Ilahia College of Arts & Science, Pezhakkapilly, Kerala, on 12th May 2015.
- 10.UGC Sponsored National Seminar On Emerging Trends in Nanomaterials, organized by Sree SankaraVidyapeetom College,Valayanchirangara, Kerala, on 09th & 10th July, 2015.
- 11.International Conference on Computing Paradigms ICCP2015, organized by Don Bosco College, Yellagiri Hills, India on 24th and 25th of July 2015.
- 12.Lecture workshop on “Internet Of Things : A Research Perspective for a Smart Environment ”, organized by the School of Information Technology and Science, Dr. G.R Damodharan College of Science, Coimbatore, on 25th &26th November 2015.
- 13.UGC Sponsored National Conference on “Recent Trends in Data Mining”(NCRTID~2015) organized by Department of Computer Application , BPC College, Piravom in association with Institution of Engineers, Kochi, on 10th & 11th of December 2015.
- 14.National Seminar cum Workshop on IoT, organized by Department of Computer Science, Ayya Nadar Janaki Ammal College, Sivakasi, 21.1.2016 & 22.1.2016.

| Sl No | Name of the Seminar /Workshop/Conference | Specify the type | Organizing Institution | Date | Sponsoring Agency |
|-------|-------------------------------------------------|------------------|-------------------------------------------|-----------|-------------------|
| | Completion of Moodle Test for Teachers Training | workshop | G. Venkataswamy Naidu College, Kovilpatti | 4-05-2020 | IIT Bombay |

Details of Paper presentations in International/National/State level Seminars /workshops/conferences.

1. Prathibha.P.H., and Chandran.C.P., "An Integrated tool for the analysis of Mining Single Nucleotide Polymorphism Interfaced with R", International Journal of Applied Engineering Research, ISSN 0973-4562, vol.10, no.79, pp. 581-585, 2015 © Research India Publications. (Scopus Indexed). HIndex=38, impact factor-.51
2. Prathibha.P.H., and Chandran.C.P., "Classification Mining SNPs from Leukemia Cancer dataset using Linear Classifier with ACO", Bonfring International Journal of Data Mining, vol. 6, no. 2, pp. 10-15, Apr. 2016, Online ISSN: 2277-5048. Impact factor-.245
3. Prathibha.P.H., and Chandran.C.P., "Feature Selection for Mining SNP from Leukaemia Cancer using Genetic Algorithm with BCO", IEEE XPlore, pp.57-63, 2016, DOI :10.1109 / SAPIENCE .2016. 7684136/ IEEE.
4. Prathibha P.H., and Chandran, C.P., "Modified Winnow Classifier for classification Mining SNPs from Leukaemia Cancer", Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943-023X, Special Issue 02, pp. 555-568, 2017, *Institute of Advanced Scientific Research* H Index =17(Scopus Indexed) , Impact factor=.2
5. Prathibha P.H., Bisme., "Human rights and Cybersecurity" International Conference
6. Prathibha P.H., Jitha., " An overview on mitigating the effects of climate change in plants using ML and IoT" International Conference.
7. Human Right violation on students over the internet: A Data Analytical Study
8. Analytical study on object detection using yolo algorithm
9. A Data Analytical Survey on School Selection in the Kerala Scenario for Proposing an ML-based Approach for Improvising the Public Sector
10. Big data analysis for better military intelligence
11. Preventing from abusing application permissions
12. Analysing the effects of climate change in flora

13.An analytical study on the effect of weather changes on birds in a machine learning perspective

14.Data Analytical Study of Fake News Detection through NLP

15.Better Livestock Health Management using Sensors and Livestock

16.Data Analytical Study of Injury Reduction in Sports

2.Extension Lectures/ Invited talk/ chairing the session/subject expert

| Name of the programme/Seminar (specify State/National/International) | Name of the institution/College/Centre | Sponsoring agency | Date with year |
|----------------------------------------------------------------------|---------------------------------------------------------------|-------------------|----------------|
| Webinar | SSV College | MG University | 2020 |
| National | St Albert College, Ernakulam | IQAC | March, 2020 |
| International | Al-AzarCollege, Thodupuzha | IQAC | July 2021 |
| National | Ayyanadar Janaky anmmal College of Arts and Science, Sivakasi | UGC | 2022 |

Details of orientation/ Refresher/ Faculty Development Programmes attended

| No | Name of the Course | Place | Duration | Sponsoring Agency |
|----|----------------------------------------------------------------------|--------|----------|-----------------------------------------------|
| 1 | Completion of online test for Teacher Training in MOOC | Online | One Week | Spoken Tutorial, IIT Bombay |
| 2 | Comprehensive E-learning to E-training guide for Administrative Work | Online | Two Week | Ramanujan College,Delhi, MHRD PMMMMNMT |
| 3 | "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" | Omline | Two Week | Ramanujan College,Delhi, MHRD PMMMMNMT |
| 4 | Managing Online Classes and Co-Creating MOOC 3.0 | Online | Two Week | Ramanujan College,Delhi, MHRD PMMMMNMT |
| 5 | Research Ethics and Plagiarism | Online | One Week | Mahatma Gandhi University,Kottayam,UGC-STRIDE |

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|---|-------------------------------------------------------------------|-------------------|-----------|-------------------------------------------------------------------------------------|
| 6 | The Art of Framing Questions:Applying Bloom's Taxonomy | Online | OneWeek | Sree Sankara College Kalady,UGC-STRIDE |
| 7 | The Art of Communication: Teaching in Outstanding Novelty(Action) | Online | OneWeek | MIT School of Holistic Development MIT Art, Design & Technology University, Pune |
| 8 | Orientation | Kerala University | One Month | HRDC, Kerala University |

VI :Awards and Recognitions

| Name | Agency/Institutions | year | Specialisation | |
|------------------|------------------------------------------------------|------|----------------|--|
| Best Paper award | UGC sponsored National Seminar, BPC College, Piravom | 2017 | Bioinformatics | |
| Best Paper award | Al-Azhar College, Thodupuzha | 2021 | Cyber security | |

VII:Programmes Organized

| Name of the programme/Seminar (specify State/National/International) | Designation | Sponsoring Agency | Date with year | Remarks |
|----------------------------------------------------------------------|------------------------|------------------------------|----------------|---------|
| National Seminar | Programme Co-ordinator | UGC | 2008 | |
| Day Observance | Programme Co-ordinator | PG Dept. Of Computer Science | Jan-2021 | |
| Orientation Programme | Programme Co-ordinator | PG Dept. Of Computer Science | June2021 | |
| Reading week | Programme Co-ordinator | PG Dept. Of Computer Science | July 2021 | |
| Startup workshop | Programme Co-ordinator | Khadhigram | June 2022 | |

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|--------------------------------------------------|------------------------|---------------------|----------------|--|
| Women Empowerment and Rural Development workshop | Programme Co-ordinator | DCDC, MG University | September 2022 | |
|--------------------------------------------------|------------------------|---------------------|----------------|--|