

STAFF PROFILE

- 1) **Name** : Dr. T. Preethi
- 2) **Department** : Computer Science & Applications
- 3) **Designation** : Assistant Professor
- 4) **Address**

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7) **Academic Qualifications:**

| Qualification | Programme | University | Year |
|---------------|------------------------------------|-----------------------|------|
| Ph.D. | Computer Science- Image Processing | Bharathiar University | 2022 |
| M. Phil. | Computer Science- Image Processing | Bharathiar University | 2017 |
| PG | MCA | Bharathiar University | 2011 |
| UG | BCA | Bharathiar University | 2008 |

8) Career profile:**Current:**

| Organization | Designation | Duration |
|--|---------------------|--------------------|
| Providence College for Women, Coonoor | Assistant Professor | 9years & 10 months |

9) Participation in Orientation Programme / Refresher Course / Short term course / FDP

| S.No. | Participation | Organization | Date | Days |
|--------------|---|--|---|-------------|
| 1 | Microsoft Azure Fundamentals (FDP) | ICT Academy, KPR Institute of Engineering and Technology | 16 Feb 2022 to 18 Feb 2022 | 2 |
| 2 | OBE – Exploring New Frontiers in Education (orientation) | Controller Section, Providence College for women, Coonoor. | 08.10.2021 | 1 |
| 3 | Moodle Learning Management System (FDP) | (Spoken Tutorial, IIT Bombay) Kaypeeyes College of Arts & Science, Kotagiri. | 29 th April to 1 st May, 2020 | 3 |
| 4 | Emerging Trends and Applications in IoT (FDP) | Nirmala College for Women, Coimbatore | 30 th May, 2020 | 1 |
| 5 | Joomla (FDP) | (Spoken Tutorial, IIT Bombay) Providence College for Women, Coonoor. | 22 nd & 23 rd May, 2020 | 2 |
| 6 | Patent to All (FDP) | Research Brains Academic Research Lab. | May 17 th to 19 th , 2020 | 3 |

10) Research Publications:

- **“IMPROVED BARE-BONE ARTIFICIAL BEE COLONY OPTIMIZATION (IBB-ABC) AND ENHANCED ENSEMBLE CLASSIFIER FOR LEUKEMIA DIAGNOSIS”**, *Psychology and Education*, Vol. 28, Issue 2, 2021, ISSN : 0033-3077, Page No. 5283-5294.
- **“EDGE METHODS AND ENSEMBLE CLASSIFIER FOR LEUKAEMIA DIAGNOSIS”**, *International Journal of Advanced Science and Technology (IJAST)*, Vol. 29, Issue 5, 2020, ISSN: 2005-4238, Page No. 2826-2839.
- **“ENHANCED SUPPORT VECTOR MACHINE BASED LEUKAEMIA CANCER CLASSIFICATION”**, *International Journal of Recent Technology and Engineering (IJRTE)*, Vol. 8, Issue 4, 2019, ISSN: 2277-3878, Page No. 1116-1125.
- **“REVIEW OF DETECTION METHODS FOR LEUKEMIA IN MICRO IMAGES”**, *Journal of Emerging Technologies and Innovative Research (JETIR)*, Vol. 5, Issue 12, 2018, ISSN: 2349-5162, Page No. 103-111.
- **“A NOVEL APPROACH FOR GLOBAL PATTERN ANALYSIS IN DERMOSCOPIC IMAGES”** *International Journal of Advances in Engineering and Emerging Technology (IJAEET)*, Vol. 8, No. 10, November 2016.

11) Conference / Seminar / Symposium / workshop organized

| Year | Name of the Conference / Seminar / Symposium /workshop | Date From – To |
|-------------|--|---------------------------|
| 2015-16 | “TECHNICAL SYMPOSIUM” | 29 th January |
| 2018-19 | “Python & R Tool” - One day workshop | 16 th February |
| 2019-20 | “Emerging Trends and Technology in Computer Science” - National level seminar | September |

12) Presentation in Conference / Seminar / Symposium

International Level

- Presented a paper on “Impact of Digitization” in the topic “**Deblurring Algorithms for Out-Of-Focus Infrared Images**” - ICID’17, Dr. RV Arts & Science College, Coimbatore.

National Level

- “**Prerequisites of Research**”, 04th February 2016, Providence College for Women, Coonoor.
- One Day National Level Workshop title "NS2(Network Simulator)", 16th February 2018, Bharathiar University College of Arts and Science, Gudalur.
- “**Research Performance Analysis and Strategy**”, 18th February 2016, Bharathiar University, Coimbatore.
- “**Cognitive Inclination of Wireless Network**”, 16th July 2018, National Level Workshop at Bharathiar University Arts and Science College, Gudalur.
- “**Emerging Technologies**”, 04 January 2019, Pioneer College of Arts & Science, Coimbatore. National Level Seminar (Participated).
- “**Administration Ethics and Basic Rules**”, 22nd August 2019, Providence College for Women, Coonoor, Workshop organized by Administrative Staff.
- “**To Promote Innovation, IPR, Entrepreneurship & Start-ups among HEIs**”, 28th April to 22nd May, 2020, IIC Online Session MHRD’s Innovation Cell.
- “**Strategies of Smartly Qualifying NET/SET Examination**”, 2nd May, 2020, Yashwant Rao Chavan, College of Arts, Science & Commerce, Mumbai, Online Workshop.
- “**The Power of a Teacher**”, 4th May, 2020, ICT Academy.
- “**Digital Teaching Techniques**”, 7th to 12th December, 2020, ICT Academy.
- “**National Level Workshop on NIRF INDIA RANKINGS - 2022 For Higher Educational Institutions**” held on 5th & 6th January, 2022 through Online, organized by Academic Excellence in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.
- "Navigating the Pathways of Research Publication", organized by Internal Quality Assurance Cell (IQAC) on 29.10.2021 organized by Providence College for Women, Coonoor.

13) Resource person / Invited Speaker/Session Chair – Conference/Seminar/Workshop

- Resource Person of the webinar entitled with “**Overview of Digital Image Processing**”, on 20.12.2022 organized by Pioneer College of Arts and Science, Coimbatore.

14) Member of Board of studies

- **BoS Member** from 2021 onwards in the Department of Computer Science & Applications, Providence College for Women (Autonomous), Coonoor, The Nilgiris.

15) Profession related activities

- Handling Certificate Course (**Computer Fundamentals & MS Office**)
- Handling PG Diploma Course (**Cyber Security**)

16) Institutional responsibilities

- IQAC Member.
- Blood Donation Club coordinator.
- Anti- Ragging Committee Member.

17) Awards and Achievements

- “**International Young Researcher Award 2020-21**”, International Institute of Organized Research (I2OR), Ministry of Micro, Small and Medium Enterprises, Government of India.

18) Other Highlights

- Organized Blood Donation Camp
- Organized Anti- Ragging Orientation for Students
- Organized Students Welfare Orientations (SGRC)
- Diploma Question Paper Setter
- Internal and External Examiner
- Paper Evaluator