PROFILE

Name : Dr. S.PRABHU

Qualification : M.Sc(IT).,M.Phil.,. Ph.D., M.Sc(Yoga).,

Area of Research : Image Processing, Networking

Title of Ph.D Thesis :Abnormal Chromosome Identification using Hybrid Image Segmentation Method

Contact No. : (+91)9789469538 (India)

Mail Id : profpspa@gmail.com

Address for Communication : 197A, Virumandampalayam,
Virumandampalayam(PO),
Sengapalli(VIA),
Uthukulli(T.K),
Sengapalli(Via),
Tirupur(D.T),
Tamilnadu,
India-638812.

Academic Qualifications (UG Onwards):

Exam Passed	University	Subject	Division / Grade / Merit	Year of Passing
Ph.D	Periyar University, Salem.	Computer Science	First Class	2021
M.Phil	Bharathiar University, Coimbatore.	Computer Science	First Class	2014
M.Sc	Bharathiar University, Coimbatore..	Information Technology	First Class	2011
B.C.A	Bharathiar University, Coimbatore.	Computer Application	First Class	2008
M.Sc	Manonmaniam Sundaranar University, Tirunelveli.	Yoga	First Class	2019
Diploma	Annamalai University, Chidambaram.	Value Education & Spirituality	First Class	2018

Academic Experience:

Name of the Institution	Designation	Duration	Experience in years
Gobi Arts & Science College, Gobichettipalayam,Tamilnadu, India-638453.	Assistant Professor	June-2011 To November 22	11.5
Park' s College, Tiruppur	Assistant Professor	November 22 To January 2023	2
Government Arts & Science College,Thittamalai, Tamilnadu,India-638453	Guest Lecturer	January 2023 To Till date	3

International Journal Publications: (UGC - Scopus and Refereed)

1. A Novel Image Processing Framework for Chromosome Analysis Using Laplacian Based Centromere Detection, Journal of Emerging Technologies and Innovative Research, Volume 6 Issue 2 , February-2019, pp . 597-608 5.87.

2. Human Chromosome Analysis Using Image Segmentation Finding Centromere Detection, International Journal for Research in Applied Science & Engineering Technology Volume 7, Issue VI, June 2021, pp. 1092-1095 5.947.

3. Chromosome Analysis Using Laplacian Based Centromere Detection, International Journal of Recent Technology And Engineering 2019 , pp. 265-270 5.92.

4. A Survey on Chromosomes Using Image Segmentation, International Journal for Research in Science Engineering And Technology , Volume 4, Issue V, November 2017.

5. Proposed Hybrid Segmentation Algorithm Using Preprocessing, Shape Extraction, Source Of Mis-Alignment And Genetic Approach In Digital Image Processing, The International journal of analytical and experimental modal analysis , Volume XI, Issue XII, December/2019 **6.3**.

6. Abnormal Chromosome Identification Using Hybrid Image Segmentation Method , International Journal of Advanced Science and Technology , Volume XXIX, Issue VIII, January/2020 **0.41**.

7. Image Processing Technique For Thyroid Using Improved Hill Climbing Algorithm, International Journal of Computer Science Engineering and Technology, Volume 8, Issue 6.

8. Medical image processing Using Deep CNN, International Journal for Research in Science Engineering & Technology, Volume 9, Issue 6.

9. Particle Swarm Optimization Threat Value of Attack Algorithm PSO-TVA For Network Security , International Journal for Research in Science Engineering & Technology, Volume 9,Issue 3.

10. Human Metaphase Chromosome Analysis And Finding Overlapping Chromosome Using Image Processing, Indian Journal Of Research, Volume - 11 , Issue - 08 ,August – 2022.

11. Pixel Classification Methods For M-fish In Chromosomes Image Analysis, Indian Journal Of Research, Volume – 11, Issue – 08, August - 2022 .

12. Ai Based Machine Learning Design for an Antiviral Compound Discovery against Covid-19 Virus, "International Journal of Enhanced Research in Science, Technology & Engineering", Vol. 11 Issue 10, October-2022, Vol. 11 Issue 10, October-2022Vol. 11 Issue 10, October-2022, **7.957**

13. Tools and Machine Learning Algorithms for Predicting Depression, Anxiety, and Stress: A Literature Review, "International Journal of Research Publication and Reviews", Volume- 4, Issue -3, pp 1108-1114, March 2023, 5.536.

Seminar / Conference / Workshop Organized:

1. "Free and Open Source Software", UGC, Gobi Arts & Science College, Gobichettipalayam, August 18 and 19 ,2017.
2. "ISRO Exhibition ", S.Prabhu , Gobi Arts & Science College, October 2019.
3. "IIC", Impact Lecturer Series, Gobi Arts & Science College, October 2021.
4. "IIC", Developing Online Repository of Ideas Developed and way forward plan, December 2021.
5. "IIC", Workshop on Entrepreneurship & Innovations As Career Opportunity, December 2021.
6. **Organized National Level Conference** on 19 November 2022 at Gobi Arts & Science College.

Books Published:

1. "Computer science question bank for competitive examinations", S.Prabhu, Gobi Arts & Science College, May 2019.

2. "Cook PHP", Dr. S.Prabhu, Gobi Arts & Science College, December 2021.

3. "Problem Solving and Python Programming", Dr. S.Prabhu, Gobi Arts & Science College, May 2022.

4. "Problem Solving C and C++Programming", Dr. S.Prabhu, Gobi Arts & Science College, September 2022.

Web Portal:

1. I had created web portal Government Arts & Science College, Avinashi, Coimbatore, Tamilnadu.
2. I had created web portal Government Arts & Science College, Thattamalai, Erode, Tamilnadu.

Societal Services Through Institute

1. Member & PRO in Alumni Association since 2011 and participated in various Medical camps, trekking camps etc.

Acted as a Recourse Person

1.Research Guidance Programme, Kaamadhenu Arts and Science College, Sathyamanagalam, on 29/08/2022.

2. Faculty Development Programme on Impact of Institution's Innovations Council in higher Educational Institutions, Park's College, Tiruppur, on 29/09/2022.

3. Faculty Development Programme on Impact of Institution's Innovations Council in higher Educational Institutions, Karuppannan Mariappan College (KMC), Tiruppur, on 27/10/2022.

Conducted Courses

1. TRB class, **S.Prabhu,** Gobi Arts & Science College, May 2019.
2. **Summer Course** (PHP ,Python & Mysql), Gobi Arts &b Science College May 2011 to Till date.

Seminar / Conference / Workshop Attended:

1. Six days Faculty Development Programme "Looking Forward Enlightened Higher Education", Hindustan Arts & Science College, 15.02.2023, 21.02.2023.

Duties and Responsibilities At Gobi Arts & Science College (2011 – 2022)

1. Department in charge for Common Internal Assessment question verification.
2. Served as a Member of NAAC in our college
3. Have been performing as a coordinator for Quantitative Aptitude from June 2011 to August 2020
4. Involved for Framing the B.Sc. (Information Technology) Curriculum and syllabi
5. Served as Department Project Coordinator.
6. Department Placement coordinator from June 2011 to August 2015.
7. Staff Coordinator for ITQUITEE Intercollegiate National level meet at Gobi Arts & Science College (Autonomous), Gobichettipalayam.
8. Department in charge for **IQAC** committee.
9. Served as a Member of Bank Coaching Class in our college.
10. Served as a Member of Video Conference Class in our college.
11. Served as a Member of Web development committee in our college.
12. Served as a Coordinator of **IIC** in our college.
13. Served as a Member of **India Today** in our college.

Conference Attended

- Presented paper on "Candidate Point Generation and Metaphase Centromere Detection for Human Chromosome Analysis" at International conference in Institute of Research, Chennai.

- Presented paper on “Computerized Defect Recognition Method by Using Digital Image Processing” conference In Vivekanandha College of Arts & Science For Women, Tiruchengode.
- Presented paper on “Region Based Segmentation Segmentation Analysis For Human Chromosome Detection” at conference in Sri Vasavi College, Erode.

- Presented paper on “The Analysis the Chromosome Image Using Pixel Based Classification Method” at International conference in Vivekanandha College of Arts & Science For Women, Tiruchengode.

- International Conference on recent Innovations in Information Technology (ICRIIT’ 23), “Medical Image Processing Using Machine Learning”, Dr. Umayal Ramanathan College for Women.
- International Conference on recent Innovations in Information Technology (ICRIIT’ 23), A Survey on Big Data Analytics”, Dr. Umayal Ramanathan College for Women.
- International Conference on challenges and solutions in Data Science, “ Artificial Intelligence Based in Data Mining”, Navarasam Arts and Science College for Women, Erode.

Patent

- IOT and Machine Learning Based on Secure Online Monitoring For Digitalized GISAgainst Cyber-Attacks.
- The Internet of Things (IOT) AND 6G Enable Us To Search For Resilent Networks Using Natural Architecture.

Papers Handled

- Hypertext preprocessor (PHP)
- Python
- Computer Networks
- Programming in C
- C++
- Java
- Web Technology
- TCP/IP

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- Python
- Computer Networks
- Programming in C
- C++
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Labs Handled

- C
- Python
- Html
- VC++
- Linux
- Visual Basic
- ASP

Faculty Development Programs attended

1. Faculty Development Programme on Value Building is Nation Building, Organized by IQAC & Vivekanandha Kendra. At Kongu Arts & Science College, Erode.
2. One day Training Program for “URKUND” Plagiarism Software, Periyar University, Salem.

DECLARATION

I hereby declare that the above furnished details are genuine to my conscience.

Place : Coimbatore

Yours Sincerely

Date : 10.01.2023

(Dr. S.PRABHU)