

Faculty Profile



Name : C.Saraswathi
Designation : Assistant Professor
Address : 2/189,East street,
Appanaickenpatti.
Contact Number : 9788559113
Email ID : saraswathichinnaiyan@gmail.com
Date of Joining in Collegiate Education : 07.03.2007
Date of Joining in the Present College : 22.9.2019
Academic Profile :

Degree	Institute/College	University	Period
P.hD.,	Annamalai University, Chidambaram	Annamalai University	Pursuing
M.Phil.,	Bharathiar University	Bharathiar University	July 2009
M.C.A	Bharathiar University	Bharathiar University	December 2004
B.SC	Hindusthan College of Arts and Science, Coimbatore	Bharathiar University	March 2001

Teaching Experience :
i) **Total** : 17 Years **1 Month**
ii) **UG** : 17 Years 1 Month
iii) **PG** : 12 Years 6 Month

Name of the college	Position held	Period
Annamalai University	Assistant Professor	2007-2019
Chikkanna Govt Arts College	Assistant Professor	22.9.2019 to till date

Honors and Research Awards : -

Field of Interest :

- i) **Teaching** :C, C++, Java, VB, .Net programming, VB Script , Java Script, Computer Networks , Data Structure.

ii) **Research:**Image Processing , Computer Vision ,Artificial Intelligence, Machine Learning, Deep Learning

iii) **Proficiency in instrumentation** :-

Research Guidance

Guidance Number :

(If have more than one university, given them against university name)

S. No	M.Phil/Ph.D	Name of the Student	Thesis Title	Completed/ongoing
		Nil		

Funded Projects : Nil

Membership in Professional Bodies :

S. No	Name of the Professional Body	Membership Detail with Number

Research Publications :

i) **Research Papers** : Attached (Annexure – I)

ii) **Book/Book Chapters** : -

iii) **Patent** :-

National and International Conferences : Attached (Annexure – II)

i) **Participated** : 5

ii) **Paper Presented** : 4

iii) **Poster Presented** :

Conference/Seminars Organized :

Workshop attended : Attached (Annexure -III)

Resource Person/Invited Lectures : -

Faculty Development Programs Attended : Attached (Annexure -IV)

Academic Activities :

- i) **Subject Handled** : C,C++,Java,VB,.Net programming, Script Languages, Computer Networks, Data Structure
- ii) **Class Advisor:** UG 2019-2022 Batch & 2023-2026 Batch
- iii) **Special Coaching:** SoftSkills (TANSICHE)
- iv) **Student Community Beneficial Activities:** Naan Mudhalvan – Foundation of Coding and Cloud – IBM Skill Build (Programme Co-ordinator)
- v) **Co-curricular and extra-curricular activities:** Naan Mudhalvan Programme

Professional Activities :

- i) **Reviewer** : Ref.: Ms. No. IFS-233004
RVAIC: Refined Visual Attention
for Improved Image Captioning
Journal of Intelligent & Fuzzy Systems
- ii) **Examiner/Scrutiny** : External Examiner in Bharathiar
University Practical Examinations and
affiliated colleges.
External Examiner in Periyar
University Practical Examinations
Autonomus Colleges.
- iii) **Question Paper Setting** : Periyar University

National/ International Collaborations : -

Annexure – I

S.No.	Details
1	<p>C.Saraswathi and B. Pushpa, “Attention Balanced Multi-Dimension Multi-Task Deep Learning for Simultaneous Alopecia Recognition and Scalp Health Classification,” in <i>Indian Journal of Science and Technology</i>, vol.16,no.18,pp. 365–1373,May 2023,ISSN:0974-5645</p> <p>https://doi.org/10.17485/IJST/v16i18.29. ((Indexed in Web of Science)</p>
2	<p>Chinnaiyan Saraswathi and Balasubramanian Pushpa,”AB-MTEDeep Classifier Trained with AAGAN for the Identification and Classification of Alopecia Areata”,in<i>Engineering, Technology & Applied Science Research</i>,Vol.13,No.3, June 2023,10895-10900. ISSN: 1792-8036, https://doi.org/10.48084/etasr.5852 (Indexed in Web of Science &Scopus)</p> <p>https://etasr.com/index.php/ETASR/article/view/5852</p>
3	<p>C.Saraswathi and B. Pushpa, “ Multi-Class Support Vector Machine Classification for Detecting Alopecia Areata and Scalp Diseases”, in <i>International Journal on Recent and Innovation Trends in Computing and Communication</i>, Oct 2023, Volume: 11 Issue: 11s, ISSN: 2321-8169. (Indexed in Web of Science & Scopus)</p> <p>https://ijritcc.org/index.php/ijritcc/article/view/8071</p>
4	<p>C.Saraswathi and B. Pushpa “Ensemble LSTM-based Pre-learned Deep Learning for Identification and Classification of Scalp Disease and Alopecia Areata”, in <i>Journal of Intelligent & Fuzzy Systems</i>, ISSN: 1875-8967, pp. 1-12, vol Pre-Press, Published Sep 2023(Indexed in Web of Science & Scopus)</p> <p>https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs232172. DOI: 10.3233/JIFS-232172</p>
5	<p>C. Saraswathi, B. Pushpa, "Computer Imaging of Alopecia Areata and Scalp Detection: A Survey," <i>International Journal of Engineering Trends and Technology</i>, vol. 70, no. 8, pp. 347-358, Aug 2022, ISSN:2231-5381,https://doi.org/10.14445/22315381/IJETT-V70I8P236.</p>

Annexure – II

International Conferences Attended :

S.No.	Details
1	Saraswathi, C., and B. Pushpa. "Multidimensional and Multi-Task Deep Learning for Alopecia Areata identification and Diagnosis,". <i>In 2022 2nd International E-Conference on Recent Developments in Science, Engineering and Information Technology, ICRDSEIT-2022, ISBN No:978-93-91077-77-8, May 10-12,2022.</i>
2	Saraswathi, C., and B. Pushpa. "Quality Improvisation of images for Alopecia Areata Disease Detection using Image Enhancement and Image Restoration Techniques." <i>In 2022 Three-day International Conference on Innovative Technologies and their Applications in Higher Education</i> ", IQAC, Annamalai University, ISBN: 978-93-92042-31-7 , October 17 & 18,2022.
3	Saraswathi, C. and Pushpa, B., 2023. Machine Learning Algorithm for Classification of Alopecia Areata from Human Scalp Hair Images. <i>In Computational Vision and Bio-Inspired Computing: Proceedings of ICCVBIC 2022</i> (pp. 269-288). Singapore: Springer Nature Singapore, November 18 & 19,2022, https://doi.org/10.1007/978-981-19-9819-21
4	Saraswathi, C., and B. Pushpa. "FRCNN based Deep Learning for Identification and Classification of Alopecia Areata." <i>In 2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT)</i> , pp. 1-7. IEEE, Feb 22-24,2023. https://ieeexplore.ieee.org/abstract/document/10179804

Annexure – III

Course	University/Institute	Subject	Period
Workshop	Internal Quality Assurance Cell, Chikkanna	NAAC Rules	25.3.2023

	Government Arts College, Tirupur		
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Annexure – IV

Course	University/Institute	Subject	Period
UGC Sponsored Refresher Course	Academic staff college, Bharathiar University, Coimbatore	Computer Science	15.09.2010 to 5.10.2010
Two Day Faculty Development Programme on Design, Develop and Deliver online courses through MOODLE platform	TANSICHE with DOTE, Chennai	MOODLE Platform	15.5.2020 to 16.5.2020
UGC Sponsored Online Short Term Course on Cyber Crime	UGC-HRDC, Bharathiar University	Cyber Crime	19.8.2020 to 21.8.2020
Pedagogy and Research Methods	HRDC and IQAC, Academy of Maritime Education and Training, Chennai	Pedagogy and Research Methods	24.5.2021 to 6.6.2021
UGC Sponsored Orientation Course	Teaching Learning Centre, Ramanujan College, University of Delhi	Computer Science	19.7.2021 to 17.8.2021
Virtual Multi-Disciplinary short term training programme(STTP)	IQAC, Annamalai university	Research Methodology and Data Analysis	19.1.2022 to 4.2.2.2022
UGC Sponsored Refresher Course	Teaching Learning Centre, Ramanujan College, University of Delhi	Computer Science	13.03.2023 to 27.03.2023
Non Mudhalvan(FDP)	Bharathiar University	Foundation on coding and Cloud	24.7.2023 to 26.7.2023

