SREE ABIRAAMI ARTS AND SCIENCE COLLEGE FOR WOMEN

Approved by Govt. of Tamil Nadu | Affiliated to Thiruvalluvar University

Recognized under section 2(f) of the UGC Act, 1956 | An ISO 9001:2015 Certified Institution

Katpadi Road, Keelalathur, Gudiyattam-635803. Vellore District, Tamil Nadu, India.

FACULTY ACHIEVEMENTS

❖ **Mrs. R. Swathi,** Published a Book Chapter "**Fertilizers Usage In Agriculture And Crop Prediction Using Ml Techniques**" book name titled on "**Machine Learning Algorithms for Intelligent Data Analytics**", Publisher : Itechnoarete Publisher, Chapter No. 2, 2022, ISBN: 978-93-92104-07-7

❖ **Mrs. Y. Nafeesa**, Published a book "**Business Application And Accounting Software**" in the year of 2022 - ISBN: 978-81954783-0-9. Publisher: KMJ Publications.

❖ **Mrs. V. Janani Priya,** Published a book "**Design And Analysis Of Algorithms**" in the year of 2022 - ISBN: 978-81954783-4-7. Publisher: KMJ Publications.

❖ **Mrs. R.Swathi,** Participated in National Level Faculty Development Program on "**Innovations of Research in Artificial Intelligence and Data Science**" Organized by Institution's Innovation Council (IIC) and Department of Information Technology Don Secours College for Women, Thanjavur.

❖ **Mrs. S. Sangeetha,** Participated in National Level Faculty Development Program on "**Innovations of Research in Artificial Intelligence and Data Science**" Organized by Institution's Innovation Council (IIC) and Department of Information Technology Don Secours College for Women, Thanjavur.

❖ **Mrs. V. Janani Priya,** Participated in National Level Faculty Development Program on "**Innovations of Research in Artificial Intelligence and Data Science**" Organized by Institution's Innovation Council (IIC) and Department of Information Technology Don Secours College for Women, Thanjavur.

❖ **Mrs. S. Radhika,** Participated in National Level Faculty Development Program on "**Innovations of Research in Artificial Intelligence and Data Science**" Organized by Institution's Innovation Council (IIC) and Department of Information Technology Don Secours College for Women, Thanjavur.

❖ **Mrs. R.Swathi,** Participated in National Level Online Faculty Development Program on "**Research Methodology: Analysis, Tools & Techniques**" Organized by Internal Quality Assurance Cell & PG and Research Department of Mathematics, Theivanai Ammal College for Women (Autonomous), Villupuram.

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❖ **Mrs. S. Sangeetha,** Participated in National Level Online Faculty Development Program on "**Research Methodology: Analysis, Tools & Techniques**" Organized by Internal Quality Assurance Cell & PG and Research Department of Mathematics, Theivanai Ammal College for Women (Autonomous), Villupuram.

❖ **Mrs. V. Jananipriya,** Participated in National Level Online Faculty Development Program on "**Research Methodology: Analysis, Tools & Techniques**" Organized by Internal Quality Assurance Cell & PG and Research Department of Mathematics, Theivanai Ammal College for Women (Autonomous), Villupuram.

❖ **Mrs. R.Swathi,** Participated in Virtual Faculty Development Program on "**Research Paper Writing and Publication**" Organized by Sree Rama Engineering College, Tirupathi.

❖ **Mrs.V.Jananipriya,** Participated in Virtual Faculty Development Program on "**Microsoft Power BI**" Organized by Sree Rama Engineering College, Tirupathi.

❖ **Mrs. S. Sangeetha,** Participated in Virtual Faculty Development Program on "**Microsoft Power BI"** Organized by Sree Rama Engineering College, Tirupathi.

❖ **Mrs. R.Swathi,** Participated in Virtual Faculty Development Program on "**Stress Management**" Organized by Sree Abirami Arts and Science College for Women, Keelalthur.

❖ **Mrs. Y. Nafeesa,** Participated in Virtual Faculty Development Program on "**Stress Management**" Organized by Sree Abirami Arts and Science College for Women, Keelalthur.

❖ **Mrs. R. Swathi,** Participated in Virtual Faculty Development Program on "**Amazon Web Series**" Organized by Sridevi Womens Engineering College, Hyderabad.

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❖ **Dr. R. S. Vetrivel and Mrs. L. Suganthi**, Published a book "A Overview of Operating System" in the year 2022, ISBN: 978-81954783-2-3. Publisher: KMJ Publications.

❖ **Dr. R. S. Vetrivel and Mrs. L. Suganthi**, Published a book "Programming with ASP.Net" in the year 2022, ISBN: 978-81954783-3-0. Publisher: KMJ Publications.

❖ **Mr. R. Swathi** published a journal titled, "Efficient Harvest Prediction in Agriculture Using Machine Learning Techniques", Journal of Data Mining and Management (JoDMM), eISSN: 2456-9437 Volume 07 Issue 2, August 2022. Available at doi: https://doi.org/10.46610/JoDMM.2022.v07i02.005.

❖ **Mrs. R. Swathi**, Published a journal titled, "Review Made on the Content - Based Image Recovery", in International Journal for Research in Applied Science and Engineering Technology (IJRASET), ISSN : 2321-9653, Volume 10 Issue VII, July 2022. Available at doi : https://doi.org/10.22214/IJRASET.2022.45973 Journal URL: review-made-on-the-contentbased-image-recovery (ijraset.com)

❖ **Mrs. R. Swathi**, Published a journal titled, "Different Types of CBIR Applications : A Survey", International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Online ISSN : 2394-4099, Print ISSN : 2395-1990, Volume 9 Issue 3, pp. 196-201, May-June 2022. Available at doi: https://doi.org/10.32628/IJSRSET1229310 , Journal URL: https://ijsrset.com/IJSRSET1229310 . Publisher: Techno science Academy.

❖ **Mrs. R. Swathi**, Published a journal titled "Android Based Advanced Attendance Vigilance System Using Wireless Network With Fusion Of Bio-Metric Fingerprint Authentication " published in International Research Journal of Engineering and Technology (IRJET) Volume 9, Issue 5, May 2022, Page No: 564-567 . p-ISSN:2395-0072,e-ISSN:2395-0056,URL:https://www.irjet.net/archives/V9/i5/IRJET-V9I5184.pdf

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❖ **Mrs. R. Swathi,** Published a journal titled "Smart Assistance For Visually Impaired And Blind People", International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.10, Issue 4, pp.e73-e78, April 2022, Impact factor: 7.97, URL: http://www.ijcrt.org/papers/IJCRT2204467.pdf

❖ **Mrs. R. Swathi,** Published a journal titled "IOT enabled Agriculture in Smart Drip Irrigation System" in Grenze International Journal of Engineering and Technology (GIJET), published by the GRENZE Scientific Society (Scopus Indexed) ISSN (Online): 2395-5295, ISSN (Print): 2395-5287, Grenze ID: 01.GIJET.8.1.70, 2022 January, Volume no: 8, Issue No: 1, Page No: 581-586.

❖ **Mrs. R. Swathi,** Published a BOOK CHAPTER "An IoT-Based Energy Meter for Energy Level Monitoring,Predicting, and Optimization" book name titled on "Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing", Publisher: IGI Global, Chapter No.Page 3 of 54, Pages 48-65, 2021, ISBN: 9781799831112.

❖ **Mrs. R. Swathi** published a journal titled "Identification of Named Entities in Biomedical Articles Based On Bidirectional LSTM Model and Semantic Entity Probability" in the International Journal of Computer Science Trends and Technology (IJCST), Volume 8, Issue 1, Jan - Feb 2020, ISSN: 2347-8578.

❖ **Mrs. R. Swathi,** Participated in the AICTE Sponsored International Conference on Emerging Trends in Communication and Networking (ETCAN'21), presented a paper "IOT enabled Agriculture in Smart Drip Irrigation System" organized by Department of ECE, Kongunadu College of Engineering and Technology (Autonomous), Thottiam, Trichy (Dt)-621215, held on 22nd & 23rd October 2021, Technically supported by IDES, presented papers will be published by the GRENZE Scientific Society (Scopus Indexed).

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❖ **Dr. M. Athitya Kumaraguru,** Track Moderator in International Virtual Conference On „Emerging Trends in Science and Technology‟ Organized by St. Claret College, Bangalore association with ICT Academy, 2021.

❖ **Ms. S. Priyanga Devi,** Attended 12 Hours. FDP on "Fundamentals of AI" from 02nd August 2021 to 06 th August 2021,Organized by ICT.

❖ **Mrs. R. Swathi,** Attended Five days FDP on "e – Faculty Development Program" from 28 th July 2021 to 01st August 2021,Organized by Arignar Anna Government Arts and College.

❖ **Mrs. L. Suganthi,** Attended Five days FDP on "ICT Tools for Faculty" from 12 th July 2021 to 21 th July 2021,Organized by ICT.

❖ **Mrs.R.Swathi,** Attended 12 Hours FDP on "Fundamentals of RPA" from 21 th June 2021 to 25 th June 2021,Organized by ICT.

❖ **Mrs.R.Swathi,** Attended one week National Level FDP on "Online Teaching - Learning Process using ICT Tools" from 08 th June 2020 to 13 th June 2020,Organized by Department of IT,SVPCET Nagpur.

❖ **Mrs. R.Swathi,** Published a journal titled, "Different Types of CBIR Applications : **A Survey**", International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Online ISSN: 2394-4099, Print ISSN: 2395-1990, Volume 9 Issue 3, pp. 196-201, May-June 2022. Available at doi : https://doi.org/10.32628/IJSRSET1229310. Journal URL :https://ijsrset.com/IJSRSET1229310. Publisher : Techno Science Academy.

❖ **Mrs. R.Swathi,** Attended one week FDP on "Machine Learning Algorithm, Applications and Advantages" from 25th May 2020 to 30th May 2020,Organized by Kamala Institute of Technology and Science, Singapore.

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❖ **Mrs. R.Swathi,** Published a journal titled "Android Based Advanced Attendance Vigilance System Using Wireless Network With Fusion Of Bio-Metric Fingerprint Authentication " published in International Research Journal of Engineering and Technology (IRJET) Volume 9, Issue 5, May 2022, Page No: 564-567.URL: https://www.irjet.net/volume9-issue5,S.No:184.

❖ **Ms.S.Sowndarya** attended 10 Hours FDP on "Delivering High Impact Presentation" from 26th April 2021 to 30th April 2021,Organized by ICT.

❖ **Mrs. S. Deepha** attended FDP on ""PHP and MYSQL" from 27th April 2020 to 01th May 2020,Organized by ICT.

❖ **Mrs. D. Narayani** published a book "Java and Data Structures" in the year of 2020 - ISBN:978-93-91871-12-3. Publication: UDHAYAS SPNC.