PROFILE OF DR. N. SENTHILKUMARAN



1. Designation : Associate Professor
2. Centre / Department / School : Computer Science and Applications
3. Qualification : MCA., M.Phil, M.Sc.(BI), Ph.D.,
4. Experience (in years) : Teaching: 14 years
   Research: 12 years

   Area of Specialization : 1) Medical Image Processing
   2) Bioinformatics
6. Mobile Number : 9486091962
7. E-Mail ID : nsenthilkumarangri@gmail.com
8. Orcid ID : 0000-0002-9698-2867
9. Google Scholar ID : b4smr1gAAAAJ
10. IRINS Link for detailed profile : https://ruraluniv.irins.org/profile/107257
11. Research Guidance :

Degree	Awarded	Guiding
Ph.D.	2	2
M.Phil.,	9	-

12. Publications:

S.No.	Category	Total
1.	No. of UGC CARE listed Publications	80
2.	Books published	1
3.	No. of chapters in Edited Volume /Proceedings	3

Select Five Publications

S.No.	Title of the Article	Name of the Journal	I/N	ISBN/ ISSN	Vol.	Pg.	Month and Year
1.	Methods on Pairwise Sequence Alignment Techniques - A Review	International Research Journal of Modernization in Engineering Technology and Science	I	2582-5208	6	84-88	2024

2.	Efficient Skin Cancer Detection using Enhanced Adaptive Hybrid RNN Classification for Bio Medical Application	Journal of Pharmaceutical Negative Results	I	2229-7723	13	2804-2814	2022
3.	Analysis of Gene Interaction using Biological Networks	Journal of Education: Rabindra Bharati University	N	0972-7175	XXIV	186-192	2022
4.	Optimal Path Selection for Sequence Alignment using Hirschberg's based Dynamic Programming Model	Grenze International Journal of Engineering and Technology	I	2395 - 5295	8	713-720	2022
5.	Evolution in Medical Image Processing for Quick Diagnosis and Effective Treatment Planning	Webology	I	1735-188X	18	2166-2175	2021

13. **Sponsored Projects: -**

Major Projects handled so far	
Nos.	**Financial Outlay (Rs. in lakhs)**
1	5,81,500/-

14. No. of Seminars/Conferences/Workshops organized (2019-2024) : 5

15. No. of presentations in Seminars/Conferences(2019-2024) : 17

16. No. of Patents : 1

17. Details of Awards and Honours: -
    - Best Researcher Award (Publications), GRI

18. No. of Invited Talks in National / International Conferences : 10

19. Visits Abroad: *(List of countries visited for academic purposes)*: - 3

20. Additional responsibilities:
    - Director, Centre for Bio-Informatics, GRI (DTBU)
    - Department Library Staff-in-charge, DCSA, GRI
    - Deputy Superintendent, ESE (2023,2025), GRI (DTBU)
    - Coordinator, Extension work for DCSA
    - Student Welfare coordinator, DCSA, GRI (DTBU)
    - BoS Member, Question Paper Setter and External Examiner in Various Universities/ Colleges in Tamil Nadu.