STAFFPROFILE

1) Name   :Dr. N. Anandakrishnan

2) Department   :PG & Research, Department of Computer Science

3) Designation   : Associate Professor & Head

4) Address   : Providence College for Women, Coonoor.

5) Phone No. Office   : 0423 - 2234084

   Residence   : -

   Mobile   : +919488065965

6) E-mail   :drakpcw@gmail.com

7) AcademicQualifications:

Qualification	Title/Course	University	Year
Ph.D.	Computer Science	Bharathiar University	2017
MCA	Computer Applications	Bharathiar University	2006

8) AdditionalQualifications:

Diploma/Vocational/ Certification/ Swayam/MOOCs	Area of Specialization	Institution/University/ Agency Name	Year
MA	Yoga	Bharathiar University	2011

9) Career profile:
Current:

Organization	Designation	Duration
Providence College for Women	Associate Professor & Head	2008 to till date

Previous:

Organization	Designation	Duration
-	-	-

10) Participation in Orientation Programme / Refresher Course / Short term course

S.No	Participation	Organization	Date	Days

	-	-	-	-

11) FDP and curriculum enrichment programme

S.No	Participation	Organization	Date	Days
-	-	-	-	-

12) Grants Received

EventTitle	Agency	Amount	Date
-	-	-	-

13) Projects

Completed:

ProjectTitle	Agency	Amount	Duration
-	-	-	-

Ongoing

ProjectTitle	Agency	Amount	Duration
-	-	-	-

14) Research Guidance

Programme	No. ofScholars	
	Completed	Pursuing
Ph.D.	-	4
M.Phil.	11	-

15) Research Publications:

- Sivalingan H and Dr. N. Anadakrishnan, "Stromberg Wavelet Transform Feature Extracted based Deep Belief Learning Classification for Pedestrian Detection", NeuroQuantology, Volume 20, Issue 13, Page 2054-2062, doi:10.14704/ nq.2022.20.13. NQ88257, November 2022.

- Renjith K V, Dr. Anandakrishnan, "Performance Enhancement of modified Cuckoo Search Optimized Path (MCSOP) for Cluster Head Identification in Urban VANET)", published in "Journal of Northeastern University", Volume: 25, issue: 4, November 2022.

- Renjith K V, Dr. Anandakrishnan, "An Efficient Optimization Approach for Cluster Head Identification of Data Dissemination in Urban Vehicular Ad-hoc Network (U-VANET)", published in "Journal of Neuroquantology", Volume 20, Issue 11, S No: 4, Sept 2022

- Dr. N Anandakrishnan and Renjith K V, "An Adaptable Approach for Data Dissemination in Urban Vehicular Ad-hoc Network (U-VANET)", published in Vidyabharathi International Interdisciplinary Research Journal (Special Issue), October – 2021.

- Renjith K V, Dr. Anandakrishnan, "A Versatile Approach For Dissemination of Data in Urban Vehicular Ad-hoc Network (U-VANET)", published in "Journal of Xidian University", Volume 15, Issue 9, S No: 16 Sept 2021.

- Sivalingan H and Dr. Anandhakrishnan, "Analysing the Suspicious Behaviour in Video Survillience for Crime Detection Using Gait Speed Monitoring". ISSN: 0976-9102 (ONLINE), ICTACT Journal on Image and Video Processing. Volume 12. Issue:01. August 2021,

- Dr. N. Anandakrishnan, "A Modern Approach in Cloud Computing Storage by using Compression and Crypto Mechanism", published in Journal of Interdisciplinary Cycle Research", JICR Journal, Volume XIII, Issue VII, July – 2021.

- Sivalingan H and Dr. Anandakrishnan N, "A Review on Crowd Behavior for Abnormality in Video Surveillance", Journal of the Maharaja Sayajirao University of Baroda. ISSN :0025-0422. Volume – 55, No.1 (IV) April 2021.

- Renjith K V, Dr. Anandakrishnan, "Various data Dissemination Techniques in VANET - An Overview", published in "MuktShabd Journal", Volume X, Issue IV, S No: 47, APRIL 2021.

- Sivalingan H and Dr. Anandhakrishnan, "Analysing the Suspicious Behaviour in Video Survillience for Crime Detection Using Gait Speed Monitoring". ISSN: 0976-9102 (ONLINE), ICTACT Journal on Image and Video Processing. Volume 12. Issue:01, August 2021

- Dr. N. Anandakrishnan, and Saranya, "Quantum Particle Swarm Optimization (QPSO) base Robust Estimation in Real-Time Ultrasound Strain Imaging", published in "The SIJ Transaction on Computer Science Engineering & its Applications (CSEA)", Vol.6, No.5, pp.76-85, October 2018.

- Dr. N. Anandakrishnan, and Sandhya, "Hybrid Linear Discriminate Analysis (HLDA) based Dimensionality Reduction and Unary Potential Based on Fuzzy Possibilistic C-Means (FPCM) Clustering for Remote Sensing Images", published in "The SIJ Transaction on Computer Science Engineering & its Applications (CSEA)", Vol.6, No.5, pp.68-75, October 2018.

- Dr. N. Anandakrishnan and NeenaRoshini, "Geographical Routing in MANET with Adaptive Position Update", published in "International Journal of Scientific Research in Computer Science Applications and Management Studies", Volume: 7, Issue: 4, July 2018.

- Dr. N. Anandakrishnan and NeenaRoshini, "A Study on Geographical Routing with Adaptive Position Update", published in "International Journal of Engineering Technologies and Management", Volume: 5, Issue: 3, pp.108-115, March 2018.

- Dr. N. Anandakrishnan, "Technological Progression and Procedures in Microsoft Kinect Sensor", published in "International Journal on Future Revolution in Computer Science & Communication Engineering", Volume: 4, Issue:2, pp.226–231, February 2018.

- Dr. N. Anandakrishnan, "Capture Patterns of Live Movement using IGNT Edge Detection", published in "International Journal for Research in Applied Science & Engineering Technology (IJRASET)", Volume: 6, Issue: 1, pp.3409-3414 January 2018.

- M. Gayathiri and Dr. N. Anandakrishnan, "Secured Road Safety Ensurance by Regulating the Vehicles Communication State", published in "International Journal of Advances in Engineering and Emerging Technology (IJAEET)", Volume: 8, No. 4, pp. 67-76, November 2017.

- S. Shanoof and Dr. N. Anandakrishnan, "Network Lifetime Aware Optimal Routing in Wireless Sensor Network Environment", published in "International Journal of Advances in Engineering and Emerging Technology (IJAEET)", Volume: 8, No. 4, pp. 87-100, November 2017.

- H. Sivalingan and Dr. N. Anandakrishnan, "Accurate and Efficient Video Search Retrieval System to Improve the E-Lecture System", published in "International Journal of Advances in Engineering and Emerging Technology (IJAEET)", Volume: 8, No. 4, pp.117-126, November 2017.

- B. Anjelin and N. Anandakrishnan, "Segmentation Based on Local Independent Projection in Brain Tumor", published in "International Journal for Research & Development in Technology", Volume-6, Issue-3, pp.65-68, October 2016.

- N. Anandakrishnan and Lt.Dr. S. Santhosh Baboo, "A Novel Improved Gradient Noise Tolerant Method for Enhanced Edge Detection", Journal Of Theoretical and Applied Information Technology, E-ISSN 1817-3195 / ISSN 1992-8645, Vol. 66 August 2014.

- N. Anadakrishnan, Lt. Dr. S. Santhosh Baboo," IGNT Edge Detection Based 2D Motion Tracking System", published in "ARPN Journal of Engineering and Applied Sciences", volume 9, No.8, pp.1311-1315, August 2014.

- N. Anandakrishnan and Lt.Dr. S. Santhosh Baboo, "Edge Detection and Extraction using Kinect Depth Images", International Journal of Research in Computer Science and Information Technology, ISSN : 2319-5010, III Issue July 2014,

- N. Anandakrishnan and Lt.Dr. S. Santhosh Baboo, "Microsoft Kinect Sensor Technology and its Methods", Journal of Operating Systems Development & Trends, Volume 1 Issue 1, April, 2014.

- N. Anandakrishnan and Lt.Dr. S. Santhosh Baboo, "A Study on Kinect Methods and Applications", International Journal of Emerging Technologies in Computational and Applied Sciences, E-ISSN 2279-0055/ ISSN 2279-0047, pp. 06-11, 7(1), 2014.

- N. Anandakrishnan and Lt.Dr. S. Santhosh Baboo, "An Evaluation of Popular Edge Detection Techniques in Digital Image Processing", IEEE Journal IEEE-CPS Publications, ISBN 978-1-4799-3966-4.

16) Book publications / Chapters written / Book chapter edited / chapter reviewed

Books written	Chapters written	Books / chapters edited	Chapters reviewed

17) Conference / Seminar / Symposium / workshop organized: -

18) Presentation in Conference / Seminar / Symposium

International

- Presented a paper entitled "Crowd Behaviour Analysis for Abnormality in Video Surveillance in using Gait Speed Monitoring" on 02nd September 2022 in International Interdisciplinary Research Conference on "Recent Technological Development in Computational Mathematics and its Applications" organized by Department of Computer Science with Cognitive Systems and PG and Research Department of Mathematics, Sri Ramakrishna College of Arts and Science, Coimbatore.

- Presented a paper entitled "Data Dissemination in Urban vehicular Ad-Hoc Network (U-VANET) using Clustering Techniques" on 2nd September 2022, one day Conference on Recent Technological Developments in Computational Mathematics and its Applications", Sri Ramakrishna College of Arts and Science, Coimbatore.

- Presented a paper entitled "Composite Networks measures for Urban Vehicular Networks using network protocol" on 27th & 28th May 2022 in International Conference on Emerging Trends in Science Technology and Applications, Sree Sakthi Engineering College, Coimbatore.

- Presented a paper entitled "A Constructive and Systematic study on Data Distribution of Protocols used in VANETs" on 2nd and 3rd May 2022 in International conference on Research in electronics Engineering and Communication Techniques, SRM Institute of Science and Technology, Vadapalani, Chennai.

- Presented a paper entitled "Detection Abnormal Behaviour by GAIT Speed Monitoring in Video Surveillance" on 29th and 30th April 2022 in Two Day International Conference on Advanced Computing and Cyber Warfare (ICACCW – 2022). St Joseph Arts and Science College, Thirunavalur, Kallakurichi, Tamilnadu.

- Presented a paper entitled "A Survey on Abnormality Detection in Vrowd Behaviour using Video Surveillance" 08th and 09th on April 2022 in Two day International Conference on Digital Information Security and Computing Technologies in Collaboration with Lincoln University, Malaysia at Sankara College of Science and Commerce, Coimabtore, Tamilnadu.

- Presented a paper in the International Conference on "Computational Intelligence and Date Science", held on 10th October 2018, Sankara College of Science and Commerce. (Shadow Attack Based on Password Reuses: A Quantitative Empirical Analysis).

- Presented a paper in the International Conference on "Impact of Digitization" ICID'17, held on 13th September 2017, Dr. R.V. Arts and Science College, Karamadi, Coimbatore. (Directional Information Extraction in Noise Environment).

- Presented a paper in International Conference on "Intelligent Computing Applications", held on 6th and 7th March 2014, Bharthiar University, Coimbatore. (An Evaluation of Popular Edge Detection Techniques in Digital Image Processing).

National

- Presented a paper in, ICHR sponsored One day National Level Symposia Entitled "Oral Traditions and Folklore – As the Alternate source in Historical Writing", held on 2nd September 2016, Providence College for Women, Coonoor. (The Badaga Community of the Nilgiris in Southern India – A Portrayal of Uniqueness).

- Presented a paper in the National Conference on Recent Developments and Applications in Computer Technology (NCRDAT 2016), held on 22nd February 2016, Vidhyasagar College of Arts and Science, Udumalpet. (Segmentation Based on Local Independent Projection in Brain Tumor).

- Presented a paper in National Conference on "Research Issues in Computer Applications", held on 21stFebruary 2014, Dr. N.G.P. Arts and Science College, Coimbatore. (A study on Kinect Sensor Methods and Applications).

- Presented a paper in National Level Seminar on "Emerging Trends in Information Technology, held on 11th October 2013, Nehru Institute of Information Technology and Management, Coimbatore. (Popular Edge Detection Methods in Digital Image Processing).

- Presented a paper in National Level Conference on "Mathematical Science and its Computational Aspects", held on 7thFebruary 2013, Dr. N.G.P. Arts and Science College, Coimbatore. (Fuzzy Logic Applications).

- Presented a paper in National Conference on "Computing and Mission ", held on 18th October 2012, Nehru College of Management, Coimbatore. (Network Security and Cryptography).

- Presented a paper in UGC Sponsored National Level Seminar on "Oral Traditions in World Literature", held on 21st September 2012, Providence College for Women, Coonoor. (Culture, Tradition and Human Values in Badaga Proverbs).

- Presented a paper in NAAC Sponsored National Level Seminar on "Ethics and Morals: Need of the Hour in Quality Higher Education", held on 12th and 13th July 2012, Providence College for Women, Coonoor. (Ethics and Morals)

19. Participation in Conference / Seminar / Symposium

- Participated in Faculty Development Porgramme on "Big Data Analytics", organized by the Department of Computer Science, held on 28th August 2019, at Dr. G.R. Damodaran College of Science, Coimbatore.

- Participated in National Workshop on "Intellectual Property Rights- Indian and Global Perspectives", organized by PG and Research Department of Computer Applications, held on 5th August 2019, at Hindusthan College of Arts and Science, Coimbatore.

- Participated in National Workshop on Intellectual Property Rights, organized by the Intellectual Property Rights Cell, Bharathiar University, held on 21st and 22nd March 2019, at Bharathiar University, Coimbatore.

- Participated in National Seminar on "Progressive Initiatives by NAAC for Quality in Higher Education Institutions", organized by International Quality Assurance Cell (IQAC), held on 1st March 2019, at P.K.R. Arts College for Women, Gobichittipalayam.

- Participated in the workshop on "NDLI Club", organized by National Digital Library of India, held on 21st February 2019, at PSGR Krishnammal College for Women, Coimbatore.

- Participated in the Workshop on "Autonomy to colleges: Benefits & Way Forward", organized by University Grants Commission, South Eastern Regional Office, Hydrabad, held on 4th February 2019, at Maulana Azad National Urdu University (MANUU) Gachibowli, Hydrabad.

- Participated in UGC Sponsored one day Workshop on "Outcome Based Education", held on 2nd February 2019, Erode Arts and Science College, Erode.

- Participated National Seminar on "Research Performance Analysis and Strategy (ISRPAS 2016)", held on 18th February 2016, Bharthiar University, Coimbatore.

- Participated in Two Days National Level Workshop on "Exploring to Unexplored Research Issues in Mining", held on 5th and 6th September 2013, Nehru Institute of Information Technology and Management, Coimbatore.

- Participated in National Level Workshop on "Inclusive Growth in India: Issues and Policies", held on 28th February 2012, Providence College for Women, Coonoor.

- Participated in National Level Seminar on "Research Methodology and Preparation of Project Proposal" held on 14th and 15th October 2011, D G Vaishnav College, Chennai.

19) Presentation in workshop: -

20) Resource person / InvitedSpeaker/SessionChair–Conference/Seminar/Workshop

-

21) Participation in curriculum restructure committees

-

22) Profession related activities

-

23) Editorial/ReviewBoardMember

-

24) Membership in professional bodies

-

25) Institutional responsibilities

- Head Department of Computer Science
- Assistant Controller

26) Consultancy

Nature of Consultancy	Client	Amount	CompletionStatus
-	-	-	-

27) AwardsandAchievements

-

28) Other Highlights

- Worked as placement officer for 2 years in the institution.
- Offered career guidance for campus recruitment in relation to the market demands of the corporate sector.
- Had been on the Editorial Board of the Department Magazine Techno Junkies.
- Had been a dynamic event-manager in the organization of inter-collegiate cultural programmes.
- Coordinated "ZOHO" a state level Technical Symposium for Computer stream for 4 years.
- Had been on the Editorial Board of the College Magazine.
- Training the students on add-on courses (Yoga and Tourism).
- Convenor for "MIFI" a state level Technical Symposium for Computer Stream.
- Coordinated village adoption and Extension activities with students in the institution.
- Convenor for one day National Level Seminar on Exploration of Computation and Information Technology.
- Had been a resource person for NSS camps.
- Convenor for the National Level Seminar on "Emerging Trends and Technologies in Computer Science"
- Had been a member in College Development Committee, IQAC.
- External Examiner for different colleges and ISC school examinations.
- Central Valuation.
- Question paper setter for different autonomous Colleges.
- Autonomous Committee member.