Name : **A. Nagavaratharajan**

Designation : Associate Professor

Address : Virudhunagar Hindu Nadars' Senthikumara Nadar College, (Autonomous), Virudhunagar, TamilNadu, India

Phone : 04562 – 280154

Fax : 04562 – 281338

E-Mail : nagavaratharajan@vhnsnc.edu.in

Mobile : 9943411875

Education Qualification : M.Sc., M.Phil.,

Experience in Teaching : 23 Years

Experience in Research : 7 Years

Title of Dissertation : Texture based Image Segmentation, Classification and Recognition using Crude and Orthogonal Wavelets.

Area of Specialization : Wireless Sensor Networks, Image Processing

FACULTY DEVELOPMENT PROGRAMME

- Attended AICTE Sponsored Staff Development Programme on "Embedded Systems" from 7th September 2009 to 11th September 2009 and from 16th November 2009 to 20th November 2009 Organised by EEE Department, Vridhunagar S. Vellaichamy Nadar Polytechnic College, Virudhunagar.

- Attended Faculty Development Programme on "Python Programming" from 14th November 2016 to 17th November 2016 organized by the Department of Computer Science and Information Technology, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Attended Faculty Development Programme on "Network Performance Analysis using NS-3" from 27th December 2017 to 30th December 2017 organized by the Department of Computer Applications, Mepco Schlenk Engineering College (Autonomous), Sivakasi.

- Attended Faculty Development Programme on "R Programming" from 01st November 2018 to 02nd November 2018 organized by the ICT Academy of Tamilnadu, at V.V. Vanniaperumal College for Women (Autonomous), Virudhunagar.

- Participated in the online National Level FDP on "Latest Trends in Computer Science Education & Research-2021" organized by the Department of Computer Science & IT, Amity Institute of Information Technology, Amity University Jharkhand, Ranchi from 26th to 30th July 2021.

RESOURCE PERSON

- Served as Resource Person in the Four-Day Workshop on Bringing ICT to Rural Women on 23, 24, 30 and 31st January 2010 Sponsored by Tamilnadu State Council for Science and Technology, Chennai Organised by Department of Commerce, V.H.N. Senthikumara Nadar College, Virudhunagar.

- Served as Resource Person for the UG information Technology Association and gave special address on the topic "Wireless Sensor Networking" held on 9th July 2015 Organized by the Department of Information Technology, Sri Kaliswari College (Autonomous), Sivakasi.

- Served as Resource Person for the PG information Technology Association and gave special address on the topic "Applications of Wireless Sensor Networks" held on 2nd September 2015 Organized by the Department of Information Technology, V.V. Vanniaperumal College for Women (Autonomous), Virudhunagar.

- Served as Resource Person for the UG Commerce Association and gave special address on the topic "E-Payment System" held on 6th September 2018 Organized by the Department of Commerce, Sri Kaliswari College (Autonomous), Sivakasi.

PAPERS PUBLISHED IN JOURNALS

- Published a paper in the International Journal of Applied Engineering Research ISSN 0973-4562 Vol 10 No.55 (2015) on "GENDER SPEECH RECOGNITION AND RETRIEVING USING FUZZY LOGIC AND NEURAL NETWORK TECHNIQUE"

- Published a paper in the International Journal of Business and Economics Research ISSN 2455-3921 Vol :2; No:1; March 2016 on "TRENDS OF E-COMMERCE IN INDIA - PROBLEMS AND PROSPECTS"

- Published a paper in the International Journal of Computer Science Research Volume: 3; Issue: 3; March-2017; pp 1203-1212. ISSN: 2454-5422 on "A COMBINED APPROACH TO INCREASE THE PERFORMACE OF IMAGE COMPRESSION"

PAPER PRESENTATIONS

- Presented a paper on "ENABLERS AND CONSTRAINTS OF KNOWLEDGE MANAGEMENT" in the International Conference on "Global Business and Policy Modelling" organized by Adaikalamatha Institute of Management, Tanjore. (21-22, September, 2006)

- Presented a paper on "PROTECTING HUMAN RIGHTS IN INFO AGE" in the UGC Sponsored National Level Workshop on "Human Rights Advocacy and Training"

Oraganized by Department of Commerce, V.H.N. Senthikumara Nadar College, Virudhunagar. (7th, 8th & 9th August 2008)

- Presented a paper on "CRM IN BANKING & FINANCIAL SECTOR" in the UGC Sponsored National Level Seminar on "Customer Relationship Management" Organized by Department of Commerce, Providence College for Women, Coonoor. (28th & 29th August 2008)

- Presented a paper on "GLOBALIZATION AND INFORMATION AND COMMUNICATION TECH NOLOGY" in the National Seminar on "Trends In Globalization & Impact on Indian Society" Organized by Department of Social Work, Nehru Arts and Science College, Coimbatore. (29th & 30th August 2008)

- Presented a paper on "SCOPE OF ICT IN HIGHER EDUCATION" in the NAAC Sponsored National Level Seminar on "Quality Sustenance in Higher Education Through Accreditation" Organized by IQAC, V.H.N. Senthikumara Nadar College, Virudhunagar. (26th September, 2008)

- Presented a paper on "USING EMBEDDED A.I. IN CLIENT / SERVER APPLICATIONS" in the National Level Seminar on "Web Technology / Nano Technology / Client Server Technology" Organized by Department of Computer Science, V.P.M.M. College of Arts & Science, Krishnankoil. (21st February, 2009)

- Presented a paper on "INNOVATIVE TEACHING TECHNOLOGIES" in the NAAC – Sponsored State Level Workshop on "Quality Excellence and Quality Sustenance in Education" Organised by IQAC, Sourashtra College. (21st August 2009, Friday)

- Presented a paper on "E–WASTE ISSUES ON ENVIRONMENT AND HEALTH" in the National Seminar on "E-Waste Management in India" – Issues and Challenges

Organized by ANJAC EXNORA & NSS held on 12th October, 2011 at Ayya Nadar Janaki Ammal College, Sivakasi.

- Presented a paper on "INTERNET PAYMENT SYSTEM" in a two day International Conference on "Emerging Trends of E-Commerce in the Global Business Scenario" held on 30th and 31st August, 2013 organized by the Department of E-Commerce, V.H.N. Senthikumara Nadar College (Autonomous) , Virudhunagar.

- Presented a paper on "WIRELESS/MOBILE E-COMMERCE: TECHNOLOGIES, APPLICATIONS AND ISSUES" in a two day International Conference on "Innovative Facades in E-Commerce" held on 25th & 26th July, 2014 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "GENDER SPEECH RECOGNITION AND RETRIEVING USING FUZZY LOGIC AND NEURAL NETWORK TECHNIQUE" in the International Conference on Advances in Applied Engineering & Technology – 2015 (ICAAET – 2015) organized by Syed Ammal Engineering College, Ramanathapuram on May 14 – 16, 2015.

- Presented a paper on "SECURED PAYMENT IN E-COMMERCE: DEAL WITH KEY LOGGERS AND PHISHINGS" in a two day International Conference on "Strategies for Sustainable Growth of E-Commerce" held on 24th & 25th July, 2015 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "E-GOVERNANCE IN HIGHER EDUCATION in a two day National Conference on "Role of Information and Communication Technology (ICT) on the Growth of Service Industries" held on 20th & 21st March 2016, Sponsored by Indian Council of Social Science Research (ICSSR), New Delhi and organized by the PG Department of Commerce, Sri Kaliswari College, Sivakasi.

- Presented a paper on "SMART CITIES: A SPHERICAL ASPECT" in a two day International Conference on "Make In India – Initiatives, Ideas & Challenges" held on 19th & 20th August, 2016 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "EPITOMISING LIVELINESS OF DIGITAL INDIA" in a two day International Conference on "Make In India – Initiatives, Ideas & Challenges" held on 19th & 20th August, 2016 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "CASHLESS INDIA: CHALLENGES AND BENEFITS" in a two day National Conference on "LESS CASH ECONOMY AS A STRATEGY FOR FINANCIAL INCLUSION IN RURAL INDIA" held on 14th & 15th March, 2017 Sponsored by Indian Council of Social Science Research (ICSSR), New Delhi and organized by the Department of Commerce, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "E-BUSINESS: PROBLEMS & THREATS IN INDIA" in a two day National Conference on "SOCIAL ENTREPRENEURSHIP AND GROWING BUSINESS OPPORTUNITIES IN INDIA" held on 23rd & 24th August, 2017 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "E-WASTE MANAGEMENT" in a two day National Conference on "SOCIAL ENTREPRENEURSHIP AND GROWING BUSINESS OPPORTUNITIES IN INDIA" held on 23rd & 24th August, 2017 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Presented a paper on "ROLE OF ICT IN TRANSMITTING YOUTH WITH SKILLS, TEACHING AND BUSINESS OPPORTUNITIES TO GAIN HUMAN DEVELOPMENT CHALLENGES " in the ICSSR Sponsored two day National Conference on "Transformation of Youth – A Lead to Skilled and Developed India" held on 27th & 28th February, 2018 organized by the Department of Commerce, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

PARTICIPATIONS

- Participated in the Seminar on RECENT RESEARCH TRENDS IN COMPUTER SCIENCE organized by School of Physics, Department of Computer Science, Madurai Kamaraj University, Madurai. (27th January, 2006)

- Participated in the UGC Sponsored Regional Seminar on PERSPECTIVES ON THRUST AREAS IN COMPUTER APPLICATIONS organized by V.V. Vanniaperumal College for Women, Virudhunagar (24th & 25th February, 2006)

- Participated in the UGC Sponsored State Level Symposium on HUMAN RIGHTS AND VALUES IN EDUCATION organized by the Department of Commerce, Sri Kumara Gurupara Swamigal Arts College, Srivaikuntam. (29th & 30th January, 2007)

- Participated in the National Symposium on CUSTOMER RELATIONSHIP MANAGEMENT organized by Department of Commerce, Sri Parasakthi College for Women, Courtallam. (25th January, 2008)

- Participated in the National Seminar on RESEARCH ISSUES IN DIGITAL IMAGE PROCESSING organized by Department of Computer Applications, Mepco Schlenk Engineering College, Sivakasi (21st March, 2008)

- Participated in the One day workshop programme on "RESEARCH METHODOLOGY IN HUMANITIES" Organised by PG Department of Commerce, Sri Kaliswari College, Sivakasi. (18th September, 2009)

- Participated in the National Level Workshop on "APPLICATION OF STATISTICAL TOOLS IN SOCIAL SCIENCE RESEARCH" Organized by IQAC, V.H.N. Senthikumara Nadar College, Virudhunagar. (9th & 10th October, 2009)

- Participated in the DRDO Sponsored Two Days National Seminar on "RESEARCH AVENUES IN VISUAL CRYPTOGRAPHY", Organized by the Department of Computer Science and Engineering, Einstein College of Engineering, Trirunelveli. (9th & 10th February, 2012)

- Participated in the training programme on "COMPUTER HARDWARE & SYSTEM MAINTENANCE" conducted under the Sponsorship of Instrument Maintenance Facility, UGC, New Delhi from 5th March to 13th March 2012 at V.H.N. Senthikumara Nadar College, Virudhunagar.

- Participated in Two Day Regional Seminar on "RECENT RESEARCH VIEWS AND ITS DIMENSIONS" (Under UGC Autonomous Grant), Organized by the Research Centre in Computer Science, V.H.N. Senthikumara Nadar College, Virudhunagar on 28th & 29th January, 2013.

- Participated in One Day National Symposium on "CONFIGURING ICT TOWARDS RURAL INDIA" Catalyzed and Supported by Tamilnadu State Council for Science and Technology, Government of Tamilnadu, Chennai, Organized by the Research Centre in Commerce, V.H.N. Senthikumara Nadar College, Virudhunagar on 5th January, 2013.

- Participated in Two Day Regional Seminar on "RECENT RESEARCH VIEWS AND ITS DIMENSIONS" (Under UGC Autonomous Grant), Organized by the Research Centre in Computer Science, V.H.N. Senthikumara Nadar College, Virudhunagar on 28th & 29th January, 2013.

- Participated in the ICSSR Sponsored Two Days National Conference on "USE OF ICT BY MSMES" Organized by the Research Centre in Commerce, V.H.N. Senthikumara Nadar College, Virudhunagar on 1st and 2nd March, 2013.

- Participated one day training programme on "ASTRA – APPLICATION OF SCIENCE & TECHNOLOGY FOR RURAL AREAS" held on 27th March 2014 organized by the TamilNadu State Science & Technology Club and V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated one day training programme on "GOOGLE APPS" held on 25th February 2015 organized by the Department of Computer Science, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the two day "WORKSHOP ON SPSS IN SOCIAL SCIENCE RESEARCH" held on 11th & 12th December 2015 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the UGC Sponsored National Level Seminar on "HUMAN RIGHTS TO PEACE – ETHICS AND POLICIES" held on 18th & 19th December, 2015 organized by IQAC at V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the two day "WORKSHOP ON SPSS IN SOCIAL SCIENCE RESEARCH" held on 16th & 17th December 2016 organized by the Department of Commerce (SF), V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the UGC Sponsored National Conference on "GOODS AND SERVICES TAX" held on 19th January, 2017 organized by the Department of Commerce, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the ICSSR Sponsored Two day National Level Conference on "Startup India – A Way to Standup India" on 3rd & 4th March 2017 organized by the Department of Commerce, V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar.

- Participated in the two day Workshop on "Big Data Analytics and Visualization Tools" held on 28th & 29th February, 2020 organized by the Department of Computer Applications, Mepco Schlenk Engineering College, Sivakasi.

- Participated in the one day International Webinar on "Blockchain Network in IoT Applications" held on 4th June, 2020 organized by the Department of Computer Science, Ayya Nadar Janaki Ammal College, Sivakasi.

- Participated in the Online Short Term Course on "Integration of ICT Tools in Teaching and Learning" organized by Senthi Research Advocacy forum of V.H.N. Senthikumara Nadar College (Autonomous), Virudhunagar from 26th July 2021 to 30th July, 2021 and obtained 'A+' Grade.

- Participated in the CTEP – Popular Lecture Series – Lecture III on Advanced Innovative Information for Bioinformatics and Computer Applications organized by the Department of Computer Applications, Information Technology and Computer Science (SF), V.V.V. College for Women, Virudhunagar under DBT – Ministry of Science and Technology, Government of India on 5th March 2022.