

ACADEMIC CV

ABIRAMI B



Date of Birth 28-04-1983

Nationality Indian

Marital Status Married

Community BC (Hindu – Nadar)

Father`s Name Mr.S.BALASUBRAMANIAN

Address 203, ULL Street,
Virudhunagar – 626001.
Tamilnadu, India.

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Qualification Attained B.Sc(IT),M.Sc(CS),M.Phil(CS),TNSET.,NTA-UGC-NET.,(Ph.D).,

Present Position Assistant Professor

Area Specialisation Digital Image Processing, Neural Network and Pattern Recognition

Experience in Teaching UG- 9 years 8 months, PG – 6 years (till June, 2022)

EDUCATION QUALIFICATION DETAILS:

2020 – at present Ph.D., Computer Science, Madurai Kamaraj University, Madurai, India

Enroll Number: **P6006**

Title: “**Exploration in Hybrid Approach of Unimodal Contact Palmprint Recognition System with Deep Learning Classifier**”.

Guide: **Dr.K.Krishnaveni**,
Head and Associate Professor,

Research Department of Computer Science
 Sri S.Ramasamy Naidu Memorial College,
 Sattur – 626203

2005-2006 M.Phil., Computer Science (Part-Time), Manonmaniam Sundaranar University, Thirunelveli, Tamil Nadu, India.

2003-2005 M.Sc., Computer Science, V.V.Vanniaperumal College for Women College, Madurai Kamaraj University, Madurai, Tamil Nadu, India.

2000-2003 B.Sc., Information Technology, V.V.Vanniaperumal College for Women College, Madurai Kamaraj University, Madurai, Tamil Nadu, India.

OTHER QUALIFICATION DETAILS:

2018 NTA- UGC-NET (National Eligibility Test) conducted by University Grants Commission

2018 TNSET (Tamil Nadu State Eligibility Test) Conducted by Mother Theresa Women’s University, Kodaikanal, Tamilnadu, India.

PAPER PUBLICATIONS/PRESENTATIONS:

Source	Web of Science Publication	SCI Journal	International Journal	National Conference	International Conference	Chapter In Book	Total
No of Publication	1	1*	1	1	2	1	7*

(* In Press)

2022 Abirami Balasubramanian and Krishnaveni Krishnasamy is publishing a Paper “Statistical feature extraction using Improved Canny Edge Detection Based on Optimal Double-Threshold Estimation with Supervised Deep Learning Classifier for Palmprint Recognition System” on the SCI Journal “Computing and Informatics” on 2022.

2022 Abirami Balasubramanian and Krishnaveni Krishnasamy is published a paper “A Novel Deep Supervised Contour Fractal Dimension Analysis Model for Palmprint Recognition” on “JOURNAL OF ALGEBRAIC

STATISTICS” Volume 13, No. 3, 2022, p. 1074 – 1083, ISSN: 1309-3452.

- 2022** **Abirami Balasubramanian and Krishnaveni Krishnasamy** presented a paper “**A Novel Deep Supervised Contour Fractal Dimension Analysis Model for Palmprint Recognition**” on the **International conference on Innovative Computing and Communication - 2022**, organized by Shaheed Sukhdev College Of Business Studies, New Delhi in association with National institute of Technology, Patna and Korea Institute of Digital Convergence, South Korea, will be held on 19-20th Feb, 2022.
- 2020** **Abirami Balasubramanian**, presented a paper “**A Noval Human Palmprint Recognition System Using Subspace Feature Extraction Method With Supervised and Unsupervised Classifier**” on One day International Virtual Conference “**Recent Trends & Innovations in Science, Engineering and Social Sciences (IVCRTISESS – 2020)**”organized by Senthil Research Advocacy Forum - V.H.N.S.N. College (Autonomous), Virudhunagar, and PEARL – A Foundation for Education Excellence – Bengaluru, , during 4th to 6th September 2020.
- 2020** **Abirami Balasubramanian** presented a Chapter titled “**EFFECTIVE COMMUNICATION**” in the Book “**LIFE SKILL EDUCATION**” published by Dr.P.Sundara Pandian, Principal, V.H.N. Senthikumara College, Virudhunagar on 2020.
- 2019** **Abirami Balasubramanian and Krishnaveni Krishnasamy** presented a paper “**A Holistic Security Progress in Palmprint Recognition System: Forthcoming Techniques**” on International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562 Volume 14, Number 24 (2019) pp. 4397-4405.
- 2017** **Abirami Balasubramanian** presented a paper “**Evolution of Library Accessin Indian Education Industry**” on UGC sponsored One day **National Conference “Emerging Trends in Library and Information Science (ETLIS-2017)”** organized by Library department of V.H.N.S.N. College, Virudhunagar.

Act as RESOURCE PERSON/HONOURS:

- Act as a Digital Lecturer to deliver the E-Content e in V.H.N.S.N. College YouTube, from 2021 onwards to till date and I have taken 10 Lecture Videos.
- Act as a Resource Person in One day Seminar “**Induction for Blood Donation**” organized by Red Ribbon Club, V.H.N.S.N College, Virudhunagar on 16th March, 2021.
- Act as an E-Studio Content deliver Lecture on “**Process or CPU Scheduling**”at E-Studio, V.H.N.S.N. College, on 26th February, 2021.
- Act as a E-Studio Content deliver Lecture on “**Process Management**”at E-Studio, V.H.N.S.N. College, on 22nd January, 2021.
- Act as a MK University B.Com 3rd Year Central Valuation examiner from 8-1-2021 to 13-01-2021.
- Act as a one of the **Judge** in “**Hair-Do Competition**” of OBA function, V.H.N.S.N. College, Virudhunagar on 27th February, 2020.
- Act as a Semester Exam Question Paper Setter at GTN College, Dindugal on 17-08-2019.
- Act as a E-Studio Content deliver Lecture on “**Disk Scheduling Algorithms**”at V.H.N.S.N. College, on 27th, 28th, 29th August, 2019.
- Act as a MK University B.Com 3rd Year Central Valuation examiner from 13-06-2019 to 17-06-2019.
- Act as a resource person in One week course “**Free Computer Awareness Course**” for UG First year students of department Tamil organised by IQAC, V.H.N.S.N. College(Autonomous), Virudhunagar from 24th June, 2019 to 29th June, 2019.
- Act as a resource person in the “**Knowledge Refreshing Residential course on DBMS**” organized by Research Centre in Computer Science and Department of Information Technology, V.H.N.S.N. College from 27th Nov, 2016 To 30th Nov, 2016.

- -Act as a resource person in the One day Seminar on **“Introduction On LINUX”** organized by Department of Maths(SF), V.H.N.S.N. College on 9th Feb, 2016.
- Act as a resource person in the **“Free Software Course”** for Economic Students organized by IQAC, V.H.N.S.N. College from 4th Feb, 2016 To 23rd Feb, 2016.
- Act as a resource person in the Certificate course on **“PHP and MYSQL”** organized by Computer Science and Information Technology department, V.H.N.S.N. College from 1st Feb, 2016 To 2nd March, 2016.
- Act as a resource person in the Certificate course on **“Macromedia Flash 8.0”** organized by Computer Science and Information Technology department, V.H.N.S.N. College on 21st Sep, 2014.
- Act as a resource person in the Certificate course on **“Computer Awareness Course”** organized by Computer Science and Information Technology department, V.H.N.S.N. College on 15th Sep, 2014.

FACULTY DEVELOPMENT PROGRAMME:

- Successfully Completed an Two days FDP on **“Digital Pedagogy And New Education Policy 2022”** organised by and sponsored by V.H.N.S.N. College Management on 8/8/2022 and 9/8/2022 at Kodaikanal.
- Successfully Completed an one week FDP on **“Ethical Dimensions of Writing a Research Paper”** organised by DES’s NMITD & University of Mumbai in association with KirtiM.Doongursee College, JSKBS, CIMDR from 7th June to 12th June, 2021.
- Successfully Completed an one day FDP on **“Handling Classes through Google Meet”** organized by IQAC, V.H.N.S.N College, Virudhunagar on 6th August, 2020.

- Successfully Completed an one day National Level Online FDP on “**Things Speak**” organized by Department of Computer Science, The Standard Fireworks Rajaratnam College for Women, Sivakasi on 16th July, 2020.
- Successfully Completed an three days FDP on “**Digital Teaching**” organized by IQAC and DCE Technology, V.H.N.S.N College, Virudhunagar on 1st , 2nd and 3rd June, 2020.
- Successfully Completed an two days FDP on “**Acharya Deva Bhavo**” organized by V.H.N.S.N College, Virudhunagar on 7th and 9th January, 2017.
- Successfully Completed an three days FDP ‘**Data Center Virtualization Fundamental**’ conducted by ICTACT of Tamilnadu held at Sethu Institute of Tamilnadu, Kariapatti, Virudhunagar from 24th to 26th November, 2015.
- Successfully Completed an five days FDP ‘**ASP.NET**’ conducted by ICTACT of Tamilnadu held at G.Venkataswamy Naidu College, Kovilpatti from 2nd to 6th March, 2015.
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- Successfully Completed an one week FDP on “**Mobile Application Development**’ Organized by Dept. of Computer Science at Kalasalingam College Of Engineering, Krishnankoil on 17th and 22nd November, 2014.

GRANT MONEY RECEIVED:

- Seed Money Grant for Research **₹8,000/-** received from V.H.N.SenthikumaraNadar College for faculty research work on April 2021.

POSITION HELD:

- One of the **Red Ribbon Club Ladies Care-Taker Officer** in V.H.N.S.N College(Autonomous), Virudhunagar from 2019 to Till date.
- One of the event in-charge in **Comfest Platina -2022** organized by the department of Commerce on 14th May, 2022.

- One of the Coordinator of **Parents Teacher Association Meeting** of Department of Commerce CA (SF) during the academic year June 2021 – April 2022.
- One of the Coordinator of **Minutes of Meeting** of department Commerce CA (SF) during the academic year June 2019 –April 2021 in V.H.N.S.N. College, Virudhunagar.
- One of the Coordinator of **Parents Teachers Meeting(PTA)Association** of department Commerce CA (SF) during the academic year June 2019 –April 2021 in V.H.N.S.N. College, Virudhunagar.
- One of the members of **Intra and Inter Collegiate Meet Committee** of department Commerce CA (SF) during the academic year June 2020 –April 2021 in V.H.N.S.N. College, Virudhunagar.
- One of the members of **Internal Examination Committee** of department Commerce CA (SF) during the academic year June 2020 –April 2021 in V.H.N.S.N. College, Virudhunagar.
- One of the Volunteers of Awareness program **“3KM Walkathon-2020”** for women’s’organized by JCI Virudhunagar Bliss on 8th March, 2020.
- One of the Compering Committee member in the function **“COM UTSAV – 2020 (inter-collegiate function)”** organized by the Department Commercer CA-SF on 22nd February, 2020.
- One of the Coordinator of **Post Graduate and Under Graduate Association** of department Commerce CA (SF) during the academic year June 2019 –April 2020 in V.H.N.S.N. College, Virudhunagar.

- One of the Certificate and Compering Committee member in the function “**Kamarajar 47th Birthday celebration – 2019**” organized by the Department Commercer CA-SF on 16th July, 2019.
- One of the members in **Disciplinary Committee** in V.H.N.S.N. College, Virudhunagar on 2018 onwards to till date.
- One of the Cultural Activities Coordinator in **Self-Entrepreneur Form** of V.H.N.S.N. College, Virudhunagar on 2018.
- One of the Coordinator of **Women Wings** of department (CS & IT) during the academic year June 2016 –April 2017 in V.H.N.S.N. College, Virudhunagar.
- One of the Coordinator in **Election Committee** of department (CS & IT) during the academic year June 2015 – April 2016 in V.H.N.S.N. College, Virudhunagar.
- Coordinator of **CSRB Library** of department (CS & IT) during the academic year June 2014 –April 2015 in V.H.N.S.N. College, Virudhunagar.
- Coordinator of **Women wings** of department (CS & IT) during the academic year June 2013 –April 2014 in V.H.N.S.N. College, Virudhunagar.

PROGRAMME/WORKSHOP ORGANIZED AS A CONVENOR/CO-ORDINATOR:

1. Act as an one of the Organising Secretaries to organize a Guest Lecturer Program on “**Enhancement of Entrepreneurial Skills**” to all UG final year students and faculties on 24th August, 2022.
2. Act as an one of the Organising Secretaries to organize a Guest Lecturer Program on “**Celebrate Life**” to all students and faculties on 16th March, 2022.

3. Act as Co-ordinator to organize an One day State Level Webinar on “**BBC:Business Beyond COVID**” to all students and faculties on 14th June,2021.
4. Act as Co-ordinator to organize a Guest Lecture program on “**Neeeye Naayagan**” to all final year UG students of Department Commerce CA(SF), V.H.N.S.N. College, Virudhunagar on 6th February,2021.
5. Act as Co-ordinator to organize Two days Skill Development Webinar “**Skill Blast**” to all final year UG students of Department Commerce CA(SF), V.H.N.S.N. College, Virudhunagar on 2nd and 3rd September,2020.
6. Act as Co-ordinator to organize a Guest Lecture program “**Digital Marketing**” to all final year UG and PG students of Department Commerce CA(SF), V.H.N.S.N. College, Virudhunagar on 28th February,2020.
7. Act as Co-ordinator to organize a Guest Lecture program “**Goal Setting**” to all final year UG and PG students of Department Commerce CA(SF), V.H.N.S.N. College, Virudhunagar on 21st February,2020.
8. Act as Co-ordinator to organize a Guest Lecture program “**Goal Setting**” to all final year UG and PG students of Department Commerce CA(SF), V.H.N.S.N. College, Virudhunagar on 21st February,2020.
9. Act as RRC-Ladies Take-care officer to organize a Field Visit on “**Government Hospital, Virudhunagar District**” to all RRC Students, V.H.N.S.N. College, Virudhunagar on 13th, February, 2020.
10. Act as Co-ordinator to organize a Guest Lecture program on “**I am Adolescent**” to all RRC students, V.H.N.S.N. College, Virudhunagar on 9th Jan, 2020.
11. Act as Co-ordinator to organize a Guest Lecture program on “**Celebrating Life With Happiness**” to all RRC students, V.H.N.S.N. College, Virudhunagar on 26th June, 2019.
12. Act as Co-ordinator to organize a One day Workshop on ‘**Mehendi Designing**’ to all RRC Girls’ students, V.H.N.S.N. College, Virudhunagar on 5th September, 2019.

13. Act as Co-ordinator to organize a **PTA Meeting** to all UG students of Department Commerce CA (SF), V.H.N.S.N. College, Virudhuagar on 3rd, 4th, and 6th September, 2019.
14. Act as Co-ordinator to organize a One day Workshop on **‘Cushion Pillow Making’** to all RRC Girls’ students, V.H.N.S.N. College, Virudhunagar on 28th August, 2019.
15. Act as Co-ordinator to organize a Guest Lecture program on **“Awareness of Drugs”** to all RRC students, V.H.N.S.N. College, Virudhunagar on 26th June, 2019.
16. Act as Co-ordinator to organize the programs on **‘Women’s Day Celebration -17’** on 7th March, 2017 for all CS & IT department girls’ students in V.H.N.S.N. College, Virudhunagar.
17. Act as Co-ordinator to organize a One day Workshop on **‘Bouquet Making (On Candle)’** in V.H.N.S.N. College, Virudhunagar on 25th Jan, 2017.
18. Act as Co-ordinator to organize a One day Workshop on **‘Hand Embroidery Design (AARI WORK)’** in V.H.N.S.N. College, Virudhunagar on 8th Oct, 2016
19. Act as Co-ordinator to organize a One day Workshop on **“BOUQUET MAKING (CREPE PAPER)”** in V.H.N.S.N. College, Virudhunagar on 15th Aug, 2016.
20. Act As a Coordinator of Women wing, Department of CS & IT (June 2016 – April 2017) in V.H.N.S.N. College, Virudhunagar.
21. Act as Co-ordinator to organize the programs on **‘Women’s Day Celebration -14’** on 15th March, 2014 for all CS & IT department girls’ students in V.H.N.S.N. College, Virudhunagar.
22. Act as Co-ordinator to organize a One day Workshop on **‘Hand Embroidery and Stone Work’** in V.H.N.S.N. College, Virudhunagar on 22nd February, 2014.
23. Act as Co-ordinator to organize a One day Workshop on **‘Crystal Jewel Craft’** in V.H.N.S.N. College, Virudhunagar on 15th August, 2013.

24. Act as Co-ordinator to organize a One day Workshop on ‘**Bokwa and Mind Refreshing(yoga)**’ in V.H.N.S.N. College, Virudhunagar on 13th July, 2013.
25. Act as a Coordinator of **Women Wing Association**, Department of CS & IT (June 2013 – April 2014) in VHNSN College, Virudhunagar.

EXTERNAL ACTIVITIES:

- One of the Members of JCI Virudhunagar Bliss from 2017.
 - Vice President of Program in JCI Virudhunagar Bliss on 2017-2018.
 - Organized a “**Women Entrepreneur Exhibition**” in JCI Virudhunagar Bliss on September, 2018.
 - One of the Volunteers of Awareness program “**3KM Walkathon-2020**” for women’s organized by JCI Virudhunagar Bliss on 8th March, 2020.
 - Program Manager in JCI Virudhunagar Bliss on 2018-2019.
 - Program Director in JCI Virudhunagar Bliss on 2019-2021.
 - Program Director in JCI Virudhunagar Bliss on 2021-2022.
 - One of the Volunteers of Awareness program “**3KM Walkathon-2022**” for women’s organized by JCI Virudhunagar Bliss on 17th April, 2022 in Virudhunagar.
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