

## RESUME



Name : **A.MAREESWARI**  
Department : **Computer Applications**  
Designation : **Assistant Professor**  
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Virudhunagar.  
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Mobile : +91 94423 12013  
Experience in Teaching : **Fifteen years - in V.H.N.S.N.C**  
One year – in Polytechnic College  
Six years – in School  
Education Qualification : **M.C.A., M.Phil (C.S)., P.G.D.C.A.,**  
**P.G.D.A.OR., SET (C.S), NET (C.S),**

### Titles of Dissertation

M.Phil : “Analysis of Latent Fingerprint Image Processing Algorithm”

Ph.D : ---

*Areas of Specialization:* Natural Language Processing, Deep Learning, Machine Learning

*Skill set:* C, Java, PHP with MySQL, SQL Plus, Python, MATLAB.

### **NPTEL:**

- Participated in the NPTEL Stars Interaction event at IIT Madras on Jan 20, 2024.
- NPTEL Recognized as Domain Scholar in “Data Science”
- NPTEL Recognized as Domain Scholar in “Programming”
- NPTEL Recognized as NPTEL Discipline Star (Computer Science & Engineering) [Jan-Apr 2022, Jul-Oct 2023].
- NPTEL Recognized as NPTEL Enthusiast
- NPTEL Recognized as NPTEL Believer [Jan-Apr 2023, Jul-Dec 2023].
- NPTEL Recognized as NPTEL Evangelist
- NPTEL Recognized as NPTEL Motivated Learner

### *Certificate of Appreciation – NPTEL*

- **Top Performing Mentor** - Recognized for the NPTEL Online Certification Course “**Data Base Management System**” from Jul-Dec 2019.
- Achieved **Top 5% of Course Topper** in “**Programming in Java**” with **Elite + Gold Category** from Jul-Dec 2022.
- **Top Performing Mentor** - Recognized for the NPTEL Online Certification Course “**Programming in Java**” from Jul-Dec 2022.
- **Top Performing Mentor** - Recognized for the NPTEL Online Certification Course “**Introduction to Internet of Things**” from Jul-Dec 2023.
- Achieved **Top 2% of Course Topper** in “**Cloud Computing**” with **Elite + Silver Category** from Jul-Oct 2023.
- Achieved **Top 2% of Course Topper** in “**Introduction to Internet of Things**” with **Elite + Gold Category** from Jul-Oct 2023.

### *NPTEL Online Certification Course*

Successfully Completed the NPTEL Online Certification Courses

- “**Theory of Computation**” in 2016.
- “**Artificial Intelligence: Search Methods for Problem Solving**” from Jul-Oct 2018.
- “**Data Mining**” with **Elite Category** from Dec-Apr 2019.
- “**Introduction to Machine Learning**” with **Silver Category** by IITKGP from Jul-Sep 2019.
- “**Deep Learning**” with **Elite Category** from Sep-Dec 2020
- “**Programming Data Structures and Algorithms using Python**” with **Elite Category** from Sep-Dec 2020.
- “**Data Analytics with Python**” with **Elite + Silver Category** from Jan-Apr 2021.
- “**Python for Data Science**” with **Elite + Silver Category** from Jan-Feb 2022.
- “**Software Testing**” with **Elite Category** from Jan-Feb 2022.
- “**Introduction to Machine Learning**” by IITM from Jan-Apr 2022.
- “**Natural Language Processing**” with **Elite** by IITKGP from Jul-Dec 2022.
- “**Introduction to Machine Learning**” with **Elite** by IITM from Jul-Dec 2022.

- **“Programming in Java”** with **Elite + Gold Category** and **Top 5% of Course Topper** from Jul-Dec 2022.
- **“Database Management Systems”** with **Elite** by IITKGP from Jan-Mar 2023.
- **“Data Science for Engineers”** with **Elite** by IITM from Jan-Mar 2023.
- **“An Introduction to Artificial Intelligence”** by IIT Delhi from Jan-Apr 2023.
- **“Reinforcement Learning”** with **Elite** by IITM from Jan-Apr 2023.
- **“Brief Introduction to Psychology”** with **Elite** by IIT Kanpur from Jul-Aug 2023.
- **“Programming In Modern C++”** with **Elite** by IIT Kharagpur from Jul-Oct 2023.
- **“Cloud Computing”** with **Elite + Silver Category** by IIT Kharagpur from Jul-Oct 2023.
- **“Internet of Things”** with **Elite + Gold Category** by IIT Kharagpur from Jul-Oct 2023.

**NPTEL Online Certification Course - FDP**

- **“Artificial Intelligence: Search Methods for Problem Solving”** from Jul-Oct 2018.
- **“Data Mining”** with **Elite Category** from Dec-Apr 2019.
- **“Introduction to Machine Learning”** with **Silver Category** from Jul-Sep 2019.
- **“Deep Learning”** with **Elite Category** from Sep-Dec 2020
- **“Programming Data Structures and Algorithms using Python”** with **Elite Category** from Sep-Dec 2020
- **“Data Analytics with Python”** with **Elite + Silver Category** from Jan-Apr 2021.
- **“Python for Data Science”** with **Elite + Silver Category** in Apr 2022.
- **“Software Testing”** with **Elite Category** in 2022.
- **“Introduction to Machine Learning”** by IITM from Jan-Apr 2022.
- **“Natural Language Processing”** with **Elite** by IITKGP from Jul-Dec 2022.
- **“Programming in Java”** with **Elite + Gold Category** from Jul-Dec 2022.
- **“Database Management Systems”** with **Elite Category** from Jan-Mar 2023.
- **“Data Science for Engineers”** with **Elite Category** from Jan-Mar 2023.
- **“Reinforcement Learning”** by **IIT Madras** from Jan-Apr 2023.
- **“An Introduction to Artificial Intelligence”** by **IIT Delhi** from Jan-Apr 2023.
- **“Brief Introduction to Psychology”** with **Elite** by IIT Kanpur from Jul-Aug 2023.
- **“Programming In Modern C++”** with **Elite** by IIT Kharagpur from Jul-Oct 2023.

- “Cloud Computing” with Elite + Silver Category by IIT Kharagpur from Jul-Oct 2023.
- “Internet of Things” with Elite + Gold Category by IIT Kharagpur from Jul-Oct 2023.

### **NPTEL Online Certification Workshop**

- Completed *NPTEL-VuNet Data-Centric AI Masterclass* with the consolidated score of 80% in Jan 22 & 23, 2022.
- Participated in the *Nptel - Online Workshop* titled “Me and world through Neurons” by *Prof.Alok Bajpai, IIT Kanpur* on June 11 & 12, 2022.
- Participated in the *Nptel - Online Workshop* titled “Introduction to Natural Language Processing” by *Prof. Ramaseshan Ramachandran, CMI* on August 24-28, 2022.
- Participated in the *Nptel - Online Workshop* titled “The Pathway to Explainable and Responsible Business Analytics” by *Prof. Kristof Coussement, IESEG Center of Marketing Analytics* on April 07, 2023.
- Participated in the *Nptel - Online Workshop* titled “Introduction to 5G – Is it required for India?” by *Mr.Kiran Marathe, DTRI* on April 13, 2023.
- Participated in the *Nptel - Online Workshop* titled “Amazon Web Services - AWS” by *Heena Talreja, Encora* on June 10, 2023.
- Participated in the *Nptel - Online Workshop* titled “Introduction to Android App Development” by *Mr.Janak Suthar, Encora* on July 08, 2023.
- Participated in the *Nptel - Online Workshop* titled “Exploring the World of Data Structures” by *Mr.Paresh Patel, Encora* on September 30, 2023.
- Participated in the *Nptel - Online Workshop* titled “Cricket Data Analysis using PostgreSQL” by *Mr.Piyush Wairale, Course Instructor, IIT Madras BS Degree* on February 10th & 11th, 2024.

### **NPTEL – Mentor Role**

- Mentor for students who have attended Data Base Management System of NPTEL Course.
- Mentor for students who have attended Programming in Java of NPTEL Course.
- Mentor for students who have attended Introduction to Internet of Things of NPTEL Course.

### **INTERNSHALA Online Certification Course**

- Successfully Completed **ANGULAR** Training with the consolidated score of 98% during Dec 21 - Jan 22.
- Appreciated as **Top2% of National Topper.**
- Successfully Completed **MACHINE LEARNING** Training with the consolidated score of 77% during Aug 22 – Sep 22.

### **Course Completion**

- Completed course on “**Web Development on PHP Laravel**” in Marcello Tech, Trichy.
- Completed course on “**Mobile App Development with Flutter**” in Marcello Tech, Trichy

### **Paper Presented in International Level Seminars / Workshops / Conference**

1. Presented a Paper titled, “**Innovative Teaching Technologies**” in State Level Workshop on “Quality Excellence and Quality Assurance in Educational” held in Sourastra College, Madurai on 21.08.2009.
2. Presented a Paper titled, “**Multimedia and Virtual Reality**” in UGC Sponsored State Level Seminar on “Recent Trends in Computer Science” organized by Sri.S.Ramasamy Naidu Memorial College on 28.01.2011.
3. Presented a Paper in Symposium on “**Emerging Trends in Functional Management**” organized by V.V.Vanniaperumal College for Women, Virudhunagar on 27.09.2011.
4. Presented a Paper titled, “**Network Security**” in National Conference on Computer Science and Engg organized by PG Dept of Computer Science, JA College for Women. Periyakulam on 24.02.2010 and 25.02.2010.
5. Presented a Paper titled, “**Emerging Trends of CSR**” in National Conference on Meta Management XI organized by Adhiyamaan College of Engg on 25.01.2011.
6. Presented a Paper titled, “**E-Commerce -A Key to Success**” in National Conference on NCMR-2K11 organized by Adaikalamatha Institute of Management on 28.01.2011.
7. Presented a Paper titled, “**Educational Through Online Learning**” in National Symposium on “Recent Trends in Educational Technology” organized by Virudhunagar M.S.P.Nadar College of Education on 29.01.2011.

8. Presented a Paper titled, **“Ethics and CSR in Information Technology”** in National Symposium on **“Corporate Ethics”** organized by New College Institute of Management, Chennai on 09.03.2011.
9. Presented a Paper titled, **“Digital Image Processing”** in National Seminar on **“Networking”** organized by Fatima College, Madurai on 11.03.2011.
10. Presented a Paper titled, **“Wi-Fi & Biometrics”** in National Seminar on **“Networking”** organized by Fatima College, Madurai on 11.03.2011.
11. Presented a Paper titled, **“E-Business and Internet”** in National Conference on **“The Dynamics of Management”** organized by St.Joseph’s College, Trichy on 10.03.2011.
12. Presented a Paper titled, **“Data Mining in Business Management”** in National Seminar on **“Emerging Paradigms in Management Research”** organized by Sri.Ramakrishna Engineering College on 25.03.2011.
13. Presented a Paper titled, **“Internet Marketing”** in National Seminar organized by S.N.R.Sons College, Coimbatore on 28.03.2011.
14. Presented a Paper in National Level HR Meet HumdingeR’12 titled, **“Social Network & Individual Performance”** organized by V.H.N.S.N College, Virudhunagar on 01.03.2012.
15. Presented a Paper in National Conference on **“Impact of Investments & IT on Rural Development”** titled, **“Role of Systemized Banking Service for the Promotion of Small Trade”** organized by Department of Management Studies, VHNSN College, Virudhunagar on 23&24 July 2012.
16. Presented a Paper in International Conference on **“Shifting Paradigms of Business”** titled, **“Business Process Management – An Essential Technology in Banking Sector”** organized by Department of E-Commerce, VHNSN College, Virudhunagar on 23&24 July 2012.
17. Presented a Paper in International Conference on **“Impact of Global Crisis in Indian Business”** titled, **“Recent Scenario of ICT deployment with Reference to Rural Sector in India”** organized by Department of Management Studies, Annai Mathammal Sheela Engineering College on 14<sup>th</sup> September 2012.

18. Presented a Paper in National Conference titled, “**Analysis of Latent Fingerprint Image Processing Algorithm**” organized by Department of Computer Science, Mangayarkarasi College of Arts & Science for Women, Madurai on 30<sup>th</sup> Jan 2016.
19. Presented a Paper in National Seminar titled, “**Recent Trends in Digital Marketing**” organized by Department of Commerce, S.V.N College, Madurai on 25<sup>th</sup> Feb 2016.
20. Presented a Paper in the two day National Level Conference on “Digital Pedagogy and Open-Source Tools for Effective Teaching, Learning and Research” entitled “**Assessing Learning Capability of Students using Moodle LMS: Educators’ Perspective**” organized by V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar, sponsored by Indian Council of Social Science Research (ICSSR), New Delhi on 24<sup>th</sup> and 25<sup>th</sup> January 2023.
21. Presented a Paper in the two day International Conference on “Recent Trends & Innovations in Science, Engineering and Social Sciences” entitled “**Classification of Students based on MCQ Examination using K-Means Clustering**” organized by National College (Autonomous), Tiruchirapalli and V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar, at National College (Autonomous), Tiruchirapalli on 10<sup>th</sup> and 11<sup>th</sup> February 2023.
22. Presented a Paper in the National Level Conference on “Institutional Values and Best Practices” entitled “**Institutional Values and Best Practices: A Comparative Study**” organized by IQAC, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 24<sup>th</sup> March 2023.
23. Presented a paper titled “**Mushroom Classification and Feature Selection using Machine Learning Techniques**” in the International Conference on “Advanced Systems and Emerging Technologies” organised by Nadar Saraswathi College of Arts and Science, Theni on 20.12.2023 and 21.12.2023.

### **Research Publications:**

1. Dr.R.Palaniappan, **Mrs.A.Mareeswari**, Mr.R.Prem Sankar Published an Article on “Digital Pedagogy and Open-Source Tools for Effective Teaching, Learning and Research”, in the edited book with ISBN Number 978-81-951746-2-1 “Assessing Learning Capability of Students using Moodle LMS: Educators’ Perspective” pp. 1-6.
2. Dr.R.Palaniappan, **Mrs.A.Mareeswari**, Mr.R.Prem Sankar Published an Article on “Institutional Values and Best Practices”, in the edited book with ISBN Number 978-81-951746-4-5 “Institutional Values and Best Practices: A Comparative Study” pp. 1-5.
3. Mrs.A.Mareeswari, **Mr.R.Prem Sankar** Published an Article on “International Conference on Advanced Systems and Emerging Technologies”, in the edited book with ISBN Number 978-81-965401-9-7 “Mushroom Classification and Feature Selection using Machine Learning Techniques” pp. 174-177.

### **Orientation Courses Attended:**

<b>Faculty Training Program “Certificate in .Net Programming” conducted by ICTACT</b>	04-11 January 2011	St.Xavier’s Catholic Engg.College,Nagercoil
<b>Certificate in .Net Programming</b>	04-11 January 2011	St.Xavier’s Catholic Engg.College,Nagercoil
<b>AICTE sponsored Staff Development Programme on “Innovative Practices in Business Management</b>	23-28 April 2012	Department of Management Studies
<b>Faculty Development Programme under UGC- Autonomy Grant</b>	15-16 Feb 2017	IQAC at V.H.N.S.N College (Autonomous), Virudhunagar
<b>Industry Sponsored Faculty Development Programme (Five Days) on <i>Exploring Research Potentials in Network Domain using NETSIM</i></b>	21-24 August 2017	Mepco Schlenk Engg. College, Sivakasi
<b>Introduction to Big Data Analytics</b>	14-15 Feb 2018	ICT Academy



### ***Seminars Organized as convener / coordinator:***

- **Acted as Coordinator** in Intercollegiate National Seminar “**EXCITE-13**”
- **Acted as Coordinator** in State Level Seminar “**MINERVA-17**”, “**MINERVA-19**”
- **Acted as Coordinator** in State Level Seminar “**MINERVA-23**”

### ***State Level Seminars, Workshops and Conferences Attended***

- 1) One day “**Workshop on J2ME**” held in Thiagarajar School of Management, Madurai on 08.01.2010.
- 2) One day “**Workshop on Middleware Technologies**” held in Mepco Schlenk Engg. College, Sivakasi on 20.02.2010.
- 3) One day “**Workshop on Windows, Apache & PHP**” held in Thiagarajar School of Management, Madurai on 20.08.2010
- 4) One day “**Workshop on Web designing and Multimedia**” held in Thiagarajar School of Management, Madurai on 24.09.2010
- 5) Attended Two days “**Workshop on Image Processing using MATLAB**” held in KCET, Virudhunagar organized by Department of Electronics and Communication Engineering on 10<sup>th</sup> and 11<sup>th</sup> February, 2012.
- 6) Participated in **DST Sponsored Hands on Workshop on Recent Research Trends in Computing Techniques for Bioinformatics**” held at Mepco Schlenk Engineering College, Sivakasi on July 24-25, 2015.
- 7) Participated Two days State level workshop on “**Data Mining and Networking Tools (DAMNET’16)**” held at G.V.N. College, Kovilpatti on 26<sup>th</sup> and 27<sup>th</sup> Feb 2016.
- 8) Participated State Level Competitions for “**Kalvi valarchi Dinavizha-17**” at V.H.N.S.N College (Autonomous), Virudhunagar on 10.07.2017.

### ***National level Seminars / Workshops / Conference***

- 1) Participated National Seminar on “**Research issues in Digital Image Processing**” organized by Department of Computer application, MEPCO College of Engg, Sivakasi on 21.03.2015.
- 2) Participated in UGC National Conference on “Working Women: Problems and Prospects” named “**A Scenario on Work Life Balance of Women Employees in E-**

**Age”** organized by Department of Commerce, V.H.N.S.N College (Autonomous), Virudhunagar on 19<sup>th</sup> & 20<sup>th</sup> July 2017.

- 3) Participated in National Conference on “Social Entrepreneurship and Growing Business Opportunities in INDIA” named “**A study on Effective usage of Technology in Entrepreneurship Success with special reference to Online Ethnic Wear**” organized by Department of Commerce (SF), V.H.N.S.N College (Autonomous), Virudhunagar on 23<sup>rd</sup> & 24<sup>th</sup> August 2017.
- 4) Participated in National Level Seminar on “Impact of GST on Small and Medium Scale Industries” named “**An Empirical Review – An Importance of IT in GST**” organized by Department of Commerce (SF), S.V.N College (Autonomous), Virudhunagar on 22<sup>nd</sup> December 2017.
- 5) Participated in the National Level Webinar on **Machine Learning and its Applications** organized by the Department of Computer Science and IQAC, NAM College, Kallikkandy on 23-10-21.
- 6) Participated in the National Webinar on “**Customer Intelligence**”, organized by the Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 11.12.21.
- 7) Participated in the workshop on “**Embracing ESG for Sustainable Future**” held on 31.05.2023.
- 8) Participated in a Two Day NAAC Collaborated National Virtual Seminar on “**Holistic and Multidisciplinary Approach Towards National Higher Education Quality Framework**” on 05.07.2023 & 06.07.2023.
- 9) Participated in the Webinar on “**Psychology Behind the Research**” held on 02.10.2023 organised by Dr.Raajan’s Life Care Vistathmas Academy, Nagercoil.

### **Participation in Faculty Development Programme**

- Participated in the International *Faculty Development Programme* on the topic “**AI Tools for Research and Publishing**” organised by the Mannar Thirumalai Naicker College, Madurai from 14.02.2024 to 16.02.2024.

- Participated in the International *Faculty Development Programme* on the topic **“Exploring Technological Advancements: A Voyage into Emerging Horizons”** organised by the Sri S.R.N.M.College (Autonomous), Sattur from 20.11.2023 to 27.11.2023.
- Participated in the National *Faculty Development Programme* on the topic **“Upskilling Core Competencies for Computer Science Professionals”** organised by the Kongunadu Arts and Science College, Coimbatore from 09.10.2023 to 14.10.2023.
- Participated in the *Faculty Development Programme* on the topic **“Future prospects of innovations in Computational Intelligence”** organised by the Hindustan College of Arts and Science (Autonomous), Coimbatore from 20.09.2023 to 27.09.2023.
- Participated in the *Faculty Development Programme* on the topic **“Building Advanced Data Analysis Applications with Cloud”** organised by the AICTE in association with Edunet Foundation from 11.09.2023 to 15.09.2023.
- Participated in the *Three Days Faculty Development Programme* on the topic **“Hands-on Machine Learning Algorithms/Deep Learning using Python”** organised by the Department of Electronics and Communication Engineering, Kamaraj College of Engineering and Technology, Virudhunagar from 20.07.2023 to 22.07.2023.
- Participated in the *One Week Faculty Development Programme* on the topic **“Upskill Your Resources”** (Under UGC Autonomy Grant) organised by the Department of B.B.A (SF), Ayya Nadar Janaki Ammal College, Sivakasi from 07.07.2023 to 13.07.2023.
- Completed the *National Level Online Faculty Development Programme* on **“ChatGPT & AI Tools for Educators”** organized by Marian College Kuttikkanam (Autonomous) in association with The Kerala State Higher Education Council during 14 - 21 June, 2023.
- Participated in the National Level Virtual *Faculty Development Programme* on **“Advanced Research Trends in Computing”** organized by the Department of Computer Science PG, Kristu Jayanti College (Autonomous), Bengaluru during 12 - 17 June, 2023.
- Participated in the *Faculty Development Programme* on **“Power of Life”** organized by V.H.N.S.N College on 16-03-2023.
- Participated in the *One Week Online Faculty Development Programme* on **“Artificial Intelligence for Real Time Applications”** organized by the Department of Artificial

Intelligence and Data Science, Mepco Schlenk Engineering College during 25 - 29 April, 2022.

### **Key Resource Persons**

#### ▪ **Role as Resource Person**

- ❖ Acted as *Resource Person* and delivered a lecture on “**Big Data Analytics using R**” in the five-day summer training programme on Big Data Analysis (Under DBT-Star College Scheme) organized by the Department of Mathematics, Vivekananda College (Autonomous), Madurai on 04.03.2024.
- ❖ Acted as *Resource Person* in the *Two-Day Computer Training* to Rural School Students Workshop on “**Introduction to Computer, Office Automation & Internet**” for Students of Hindu Middle School, Kadambankulam organised by Department of Computer Applications of V.H.N.S.N College (Autonomous), Virudhunagar on 04.03.2024.
- ❖ Acted as *Resource Person* for the “**One day Workshop on Data Analytics using R Programming**” (Under DBT-Star College Scheme) organized by the Department of Mathematics, V.H.N.S.N. College (Autonomous), Virudhunagar on 27.02.2024.
- ❖ Acted as *Resource Person* and Delivered a special guest lecture on "ஆரோக்கியத்திற்கான ஆன்மீக சக்தி" for girls' students at NSS Girls unit special camp on 26.02.2024
- ❖ Acted as *Resource Person* in the *Workshop* on “**Creating Creative Design on CANVA**” organised by V.H.N.S.N.College (Autonomous), Virudhunagar IQAC and VHNSNC Digitech from 29.01.2024 to 31.01.2024.
- ❖ Acted as *Resource Person* in the *Hands-on Training Workshop* on “**Web Technology**” organised by Department of Commerce with C.A on 16.08.2023 and 17.08.2023 at Nadar Saraswathi College of Arts and Science, Theni.
- ❖ Acted as *Resource Person* in the *Hands-on Training Workshop* on “**Responsive Web Development**” organised by Department of B.C.A on 27.07.2023 and 28.07.2023 at The American College (Autonomous), Madurai.

- ❖ Acted as *Resource Person* in the *Hands-on Training Programme* on “**Creative Design**” organised by Virudhunagar M.S.P.Nadar College of Education on 16.04.2023 at V.V.V.College (Autonomous), Virudhunagar.
- ❖ *Acted as Resource person and delivered a guest lecture* on one day workshop on “**Stock Market Analysis and Trading**” held on September 28, 2011.
- ❖ *Acted as Resource person and delivered a guest lecture* on **TNSDC & ICT Sponsored Training program** named “**Banking, Financial Services and Insurance Sector**” from 24.06.15 to 15.07.15.
- ❖ *Acted as Resource person and delivered a guest lecture* on “**Recent Developments in Android – A Practical Oriented Approach**” organized by Department of Computer Application, Computer Science, IT of Shirimathi Indira Gandhi College (Autonomous), Trichy on October 10<sup>th</sup>, 2018.
- ❖ *Acted as Resource person and delivered a guest lecture* on “**Crack the Aptitude Skill**” in **State Level Seminar MINERVA’21** organized by Department of Computer Applications, V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar on 16<sup>th</sup> March 2021.
- ❖ *Acted as Resource person and delivered a guest lecture* on “**Live your Life with Smart Apps**” to **UG Association** organized by the Department of Chemistry, V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar on 17<sup>th</sup> March 2021.
- ❖ *Acted as Resource person and delivered a guest lecture* on “**Open Shot Video Editing**” in Five Day FDP on “**Integration of ICT Tools in Teaching and Learning**” organized by Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 29 .07.21.
- ❖ *Acted as Resource person and delivered a guest lecture* on “**Machine Learning Techniques**” organized by Department of Computer Science, Vivekananda College, Tiruvedakam West, Madurai District on 23.09.21
- ❖ *Acted as Resource person and delivered a guest lecture* on **State Level Seminar MINERVA’22** and *delivered the talk about* “**Crack your Aptitude Skills**” organized by Department of Computer Applications, V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar on 7<sup>th</sup> May 2022.

- ❖ *Acted as Resource person and delivered a guest lecture on **EROSWA'22** and delivered the talk about “**ANGULAR**” organized by Department of Computer Applications, V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar on 19<sup>th</sup> May 2022.*
- ❖ *Acted as Resource person and delivered a guest lecture on “**Digital Literacy Skills**” to **UG Association & PG Society of Microbiology** organized by the Department of Chemistry, V.H.N.Senthikumara Nadar College(Autonomous), Virudhunagar on 12<sup>th</sup> September 2022.*
- ❖ *Acted as Resource person and delivered a guest lecture on “**Internet of Things (IoT)**” organized by the Department of Computer Science, The American College (Autonomous), Madurai on 03<sup>rd</sup> February 2023.*
- ❖ *Acted as Resource person for the Hands-on Training Programme on “**Creative Design**” under **DBT Star College Scheme** and give a training in the topic “**Graphical Design with Canva**” organized by Department of Mathematics, V.V.Vanniaperumal College for Women on 23<sup>rd</sup> Feb 2023.*
- ❖ *Acted as person and delivered a guest lecture on “**Introduction to Natural Language Processing**” to II and III year B.Sc, and I M.Sc students of Computer Science organized by Department of Computer Science, S.F.R College for Women (Autonomous), Sivakasi on 07.03.2023.*
- **Key Resource Person – Department**
  - ❖ Two-day Workshop for School students “Introduction to Computer, MsOffice and Internet” on 28<sup>th</sup> and 29<sup>th</sup> Jan 2016, 20 and 21<sup>st</sup> Mar 2017, 27<sup>th</sup> and 29<sup>th</sup> Jan 2018.
  - ❖ Two-day Workshop on Computer Training to Rural School students “Introduction to Computer, MsOffice and Internet” on 26 and 27<sup>th</sup> Feb 2018, 4<sup>th</sup> and 5<sup>th</sup> Feb 2019.
  - ❖ Two-day Workshop on Computer Training to Hindu Middle School, Kadambankulam Rural School students on “**Introduction to Computer, MsOffice and Internet**” on 30-01-2023 and 31-01-2023.

### **Book Chapter Published**

- Published a chapter titled “**Logical Reasoning**” in *Employability Skills, September 2020.*

- Prepared the study material for I-year and II-year students of YRC, VHNSNC.

### **Senthi Research Advocacy Forum in VHNSNC**

#### **Organizing Committee Member**

- ❖ Five day FDP on “**Assessment, Accreditation and Quality Assurance in Higher Education Institutions**” organized by Senthi Research Advocacy Forum of V.H.N.S.N College and Dayananda Sagar Group of Institutions and PEARL – A foundation for Educational Research, Bengaluru from 20<sup>th</sup> July 2020 to 24<sup>th</sup> July 2020.
- ❖ Five day FDP on “**Agriculture, Environment and Climate Exchange**” organized by Senthi Research Advocacy Forum of V.H.N.S.N College and Dayananda Sagar Group of Institutions and PEARL –A foundation for Educational Research, Bengaluru from 20<sup>th</sup> July 2020 to 24<sup>th</sup> July 2020.
- ❖ One day “**National Webinar on Emerging Technologies in Computer Network and Applications: Prospects and Challenges**” organized by Senthi Research Advocacy Forum of V.H.N.S.N College and Dayananda Sagar Group of Institutions and PEARL –A foundation for Educational Research, Bengaluru.
- ❖ One day “**National Seminar Role of Biotechnology in Conservation of Plant Genetic Resources**” organized by Senthi Research Advocacy Forum of V.H.N.S.N College and Dayananda Sagar Group of Institutions and PEARL –A foundation for Educational Research, Bengaluru on 20<sup>th</sup> March 2021.
- ❖ Five Day FDP on “**Integration of ICT Tools in Teaching and Learning**” organized by Senthi Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 26.07.21 to 30.07.21.
- ❖ Served as **Organising Committee Member** in National Webinar on “**Customer Intelligence**” on 11.12.2021 organised by Senthi Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.
- ❖ Served as **Executive Member** in the Two Day College Mega Diwali Bazar Retail Sale – ’22 organized by the Department of Management Studies, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 21.10.2022 and 22.10.2022.

### Organizing Seminar – College

- ❖ Acted as Convener in the National Webinar on “**IoT based Home Automation System using Proteus Simulation Software**”, Senthil Research Advocacy Forum, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 11-10-21

### ▪ Centre for Placement and Training Cell

- ❖ Served as a **Coordinator for the Technical Team** in the event of “**MEGA JOB FAIR 2022**”, Placement & Training Cell joined with Assisitalana, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar on 05.03.22.
- ❖ Handling classes in **TMB Bank coaching** for our college students.
- ❖ Assisting the students for registering TMB Clerical Examination through online.
- ❖ Served as **Executive Member** for the Mega Job Fair – Naan Mudhalvan State-wide Placement Program organised by TNSDC and V.H.N.S.N.College (Autonomous), Virudhunagar.

### ▪ Examinations

- ❖ Served as a **Skilled Technical Assistant** to successful completion of Summative Examinations – **Apr 2020, Nov 2020, Apr 2021 & Nov 2021** through online mode.
- ❖ Implemented **Moodle – Learning Management System** in the Institution & conducted **Internal MCQ Exam** for all UG students.

### YRC Programmes:

- Serving as a **Ladies Care Taker – Youth Red Cross (YRC)** from 2019 onwards.

### ▪ **2019 - 2020**

- ❖ Organized *Guest Lecture Programme* on “**Inspirational Story – Jack Ma**” by **Dr.G.Mahendra Perumal**, M.Sc., Ph.D, Assistant Professor in Botany, V.H.N.S.N College(Autonomous), Virudhunagar on 01.08.2019.
- ❖ Organized *Competitions with InnerWheel Club of Virudhunagar* on “**Slogan Writing / Versification**” judged by **Dr.E.Selvi**, Assistant Professor in Tamil, V.H.N.S.N College(Autonomous), Virudhunagar on 06.08.2019.
- ❖ Organized *Competitions to the girl students’ for the memorial of* “**Dr.A.P.J.Abdulkalam Day Celebration**” on 15.10.2019.



- ❖ Organized *Guest Lecture Programme* on “**First Aid - Basics**” by **Mrs.R.K.Manju@Mahalakshmi**, Assistant Professor in Commerce, V.H.N.S.N College(Autonomous), Virudhunagar on 12.12.2019.
- **2020 - 2021**
  - ❖ Organized *Social Welfare Department Awareness Programme* joined with Virudhunagar District Collector Office Makila Sakthi Kenthara & YRC, NSS, NCC on 08.12.2020.
  - ❖ Organized *Road Safety Awareness Programme* joined with NSS, NCC on 11.02.2021.
  - ❖ Organized *Blood Donation Camps* joined with Virudhunagar Lions Club and RRC on 03.03.2021.
- **2021 - 2022**
  - ❖ Organized a *Guest Lecture Programme* on “**Unleash Your Passion and Perseverance**” by **Dr.S.Muthulakshmi**, Assistant Professor in Commerce, V.H.N.S.N College(Autonomous), Virudhunagar on 16.11.2021.
  - ❖ Organized *YRC Orientation and Guest Lecture Programme* on “**YRC-Orientation**” by **Dr.P.Sundara Pandian, Principal**, V.H.N.S.N College (Autonomous), Virudhunagar on 09.12.2021.
  - ❖ Organized *Blood Donation Camps* joined with Virudhunagar Lions Club and RRC on 03.03.2022.
  - ❖ Organized a *Guest Lecture Programme* on “**YOU CAN**” by **Dr.P.Sami, Associate Professor in Chemistry**, V.H.N.S.N College (Autonomous), Virudhunagar on 05.05.2022.
- **2022 - 2023**
  - ❖ Organized *Blood Donation Camps* joined with Virudhunagar Lions Club on 27.07.2022
  - ❖ Organized a *Guest Lecture Programme* on “**Motivational Talk- Never Give up**” by **Dr.P.Sundara Pandian, Principal**, V.H.N.S.N College (Autonomous), Virudhunagar on 11.10.2022.

- ❖ Organized *Blood Donation Camps* joined with Virudhunagar Lions Club and NCC, NSS and RRC on 19.10.2022.
- ❖ Organized a *Guest Lecture Programme* on “**Disaster Management**” by **Mr.R.Prem Sankar, Assistant Professor in Computer Applications,** V.H.N.S.N College (Autonomous), Virudhunagar on 10.01.2023.

**Participation in Seminars/Conferences/Workshops in Pandemic Period**

S.No	Date	Level	Name of Conference/ Seminar/Webinar	Organizer
1.	10.04.2020	National	E-Content Development Webinar	Research Center for English Language and Literature
2.	13.04.2020 - 16.04.2020	National	An Effective Research Paper writing skills	Bhagwan Mahavir University, Surat, Gujrat.
3.	20.04.2020 - 22.04.2020	National	Webinar on Emerging Technologies	Vidyalankar Institute of Technology
4.	24.04.2020 & 25.04.2020	National	Webinar on Recent Trends in Computer Science	St.Joseph’s College, Tiruchirappalli.
5.	01.05.2020	National	Faculty Development Webinar on Revisiting Life through Positivity	Department of Psychology, Sree Saraswathi Thyagaraja College, Pollachi
6.	04.05.2020	National	Super session Webinar on The Power of A Teacher	ICT Academy
7.	07.05.2020 & 08.05.2020	National	Webinar on Nextgen Computing Paradigm	PSG College of Arts and Science, Coimbatore.
8.	09.05.2020	National	Webinar on Impression of COVID - 19: From Layman to Business Man	V.V.Vanniaperumal College for women
9.	09.05.2020	National	India First Leadership Talk webinar with UGC Chairman	MHRD’s Innovation Cell, Govt. of India.
10.	11.05.2020	National	Webinar on Virtual Classroom Management using Microsoft Teams	Lakireddy Bali Reddy College of Engineering, Krishna, Andra Pradesh.
11.	13.05.2020	National	Webinar on Full stack Developer	Prathyusha Engineering College, Chennai.

12.	14.05.2020	National	Super session Webinar on Good Teacher to Great Teacher	ICT Academy
13.	23.05.2020	National	Webinar on Virtual Desktop Infrastructure (VDI) and Digital Workspace	Ayya Nadar Janaki Ammal College, Sivakasi.
14.	26.06.2020	National	Webinar on Emerging Technologies in Computer Network Applications: Prospects and Challenges	VHNSN College (Autonomous) & Pearl Foundation
15.	09.07.2020	National	Webinar on Enterprise Service Bus Architecture for COVID-19 Data Exchange	VHNSN College (Autonomous), Virudhunagar.
16.	04.09.2020 - 06.09.2020	International	International Virtual Conference on Recent Trends & Innovations in Science, Engineering and Social Sciences	VHNSN College (Autonomous) & Pearl Foundation
17.	23.10.2021	National	Webinar on Machine Learning and its Applications	NAM College, Kallikkandy.

**Participation in Faculty Development Programmes (FDPs)**

S.No	Date	Level	FDP/Workshop/ Certification	Organizer
1.	05.08.2019 - 09.08.2019	-	FDP on Declarative Development for Platform App Builders	Salesforce & ICT Academy
2.	19.09.2019	-	FDP on ENABLE relationship - ENHANCE skills - EMPOWER students	Department of Management Studies, VHNSN College (Autonomous), Virudhunagar.
3.	30.04.2020 - 04.05.2020	National	FDP on Moodle Learning Management System	G.V.N.College in association with Spoken Tutorial, IIT Bombay.
4.	02.05.2020	International	FDP on How to Write Effective Case Study?	Atmiya University, Rajkot, Gujarat.
5.	06.05.2020	National	FDP on Sprinkles from Data Science	Shree Chandrabrabhu Jain College, Minjur.
6.	06.05.2020 - 12.05.2020	-	FDP on Mobile Application Development	ICT Academy

7.	11.05.2020 - 15.05.2020	National	FDP on Cryptography and Network Security	Panimalar Institute of Technology, Chennai.
8.	12.05.2020 - 16.05.2020	National	FDP on Computational Intelligence	PSG College of Arts & Science, Coimbatore.
9.	11.05.2020 - 17.05.2020	National	Short Term Skill Training Programme on Python: Beginners Tutorial	Entrepreneurship, Innovation and Career Hub, Alagappa University, Karaikudi.
10.	15.05.2020 & 16.05.2020	National	Workshop on Data Visualization using R	Lady Doak College, Madurai.
11.	18.05.2020 - 23.05.2020	-	FDP on Data Science with Python	ICT Academy
12.	22.05.2020 - 26.05.2020	National	FDP on Artificial Intelligence	Lendi Institute of Engineering & Technology, Kakinada
13.	01.06.2020 - 03.06.2020	-	FDP on Digital Teaching	IQAC, VHNSN College (Autonomous), Virudhunagar in association with DCE Technology, Virudhunagar.
14.	08.06.2020 - 09.06.2020	-	FDP on Outcome Based Education	IQAC, VHNSN College (Autonomous), Virudhunagar.
15.	20.07.2020 - 24.07.2020	National	FDP on Assessment, Accreditation and Quality Assurance in Higher Education Institutions	VHNSN College (Autonomous) & Pearl Foundation
16.	20.07.2020 - 24.07.2020	National	FDP on Agriculture, Environment and Climate Change	VHNSN College (Autonomous) & Pearl Foundation
17.	22.02.2021 - 27.02.2021	-	FDP on Introduction to AngularJS	ICT Academy
18.	25.04.2022 - 29.04.2022	-	FDP on Artificial Intelligence for Real Time Applications	Mepco Schlenk Engineering College, Sivakasi.
19.	01.05.2022	-	FDP on Academic Bank of Credits	VHNSN College (Autonomous)

**Appreciation for Webinars:**

<b>S.No</b>	<b>Date</b>	<b>Webinar / FDP Name</b>	<b>Organisation / Institute Name</b>
1	19/5/20	Online Quiz on Computer Science and it's Applications	Department of Information Technology, Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi.
2	19/5/20	Hands on FDP: Data Science Quiz Participation (Active Participation)	Department of Information Technology, Jappiaar Institute of Technology, Chennai. (In association with <b>IQAC</b> )
3	20/5/20	Hands on FDP: Data Science Quiz Participation (Top 10 in Active Participation)	Department of Information Technology, Jappiaar Institute of Technology, Chennai. (In association with <b>IQAC</b> )
4	21/5/20	Hands on FDP: Data Science Quiz Participation (Active Participation)	Department of Information Technology, Jappiaar Institute of Technology, Chennai. (In association with <b>IQAC</b> )
5	18/5/20 to 20/5/20	Three days National Level Online Course on <b>"Operations Research"</b>	Department of Mathematics SF, V.H.N.S.N College (Autonomous), Virudhunagar.
6	26/5/20	National Level Python: E-Quiz	Department of Computer Science & Engineering, DADI Institute of Engineering & Technology, Visakhapatnam. In Association with DIET-CSI Student Chapter (Region V)
7	25/5/20	Teaching Learning Process in Digital Epoch	G.V.N College (Autonomous), SWAYAM NPTEL Local Chapter, Kovilpatti