**Name: Dr. V. Vinodhini**

**Designation:** Associate Professor

**Department:** Computer Science **Qualification:** M.Sc., M. Phil., Ph.D. **Experience:** Teaching: 15 Years

**Email :** vvprof133@gmail.com

 **Research Areas : Data Mining, Network Security**

**  0422 2635678
 vinodhini.v @kprcas.ac.in
  http://** **www.kprcas.ac.in**



 **Academic Qualifications**

# Teaching Experience

|  |  |  |  |
| --- | --- | --- | --- |
| **COLLEGE** | **DATE - From** | **DATE - To** | **TOTAL EXPERIENCE** |
| Dr. N.G.P Arts And Science College | 2.06.2008 | 13.05.2023 | 14.10 Yrs |
| KPR College of Arts Science And Research | 15.05.2023 | Till Date | - |

# Academic Qualifications

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DEGREE** | **BRANCH** | **INSTITUTION / UNIVERSITY NAME** | **SPECIALIZATION** | **YEAR OF****GRADUATION** |
| Ph.D | Computer Science | Karpagam University, Coimbatore | Data Mining | 2016 |
| M.Phil | Computer Science | N.G.P Arts and Science College, Coimbatore | Image Processing | 2010 |
| M.Sc | Computer Science | Sri Krishna Arts and Science College, Coimbatore | Computer Science | 2008 |
| B.Sc | Computer Science | N.G.P Arts and Science College, Coimbatore | Computer Science | 2006 |
| B.A | Hindi | Dakshin Bharath Hindi Prachar sabha | Hindi | 2000 |

**Course Expertise:**

|  |  |
| --- | --- |
| **S.No** | **Name of the Course** |
| 1 | Data Mining |
| 2 | C/C++/Java/Python/OST/Web Designing/C# |
| 3 | Web Designing |
| 4 | Digital Image Processing/Computer Architecture |
| 5 | Operations Research/Software Engineering |
| 6 | Computer Networks/System Software |
| 7 | Network Security/Research Methodology |
| 8 | Photoshop/Multimedia |

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 **Additional Qualifications**

**Additional Qualifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **DIPLOMA / VOCATIONAL CERTIFICATION** | **AREA OF SPECIALIZATION** | **INSTITUTION / UNIVERSITY /** **AGENCY NAME** |  **YEAR** |
| Certification | OBE | Ipsr Solutions Ld | 2023 |
| Certification | NPTEL | NEP-2020 for University and College Teachers | 2022 |
| Certification | NPTEL | Intellectual Property Rights Law | 2022 |
| Certification | Infosys-Springboard | Basics of PYTHON | 2022 |
| Certification | Infosys-Springboard | SQL Server basics | 2022 |
| Certification | NPTEL | MHRD-Govt of India | 2018 |
| Certification | Type Writing (Higher and Lower) | Government Aided | 2006 |
| Certification | BA(HINDI) | Dakshin Bharath Hindi Prachar Sabha | 2004 |

  **Academic Positions @ KPRCAS**

* Associate Professor I – Department of B.Com E-Commerce, School of Computer Science

# RESEARCH GUIDANCE

#  Dr. N.G.P Arts and Science College, Coimbatore, Bharathiar University

# Office Memorandum No & Date : 21308/B2/2020 & 26.03.2021

|  |  |
| --- | --- |
| **Programme** | **No. of Scholars** |
| **Completed** | **Pursuing** |
| Ph. D. | **-** | **1** |
| M. Phil. | **02** | **-** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.NO** | **NAME OF THE SCHOLAR** | **NAME OF THE UNIVERSITY** | **TITLE OF THE THESIS** | **STATUS** |
| 1 | Anitha. G | Bharathiar University | Data Mining | Pursuing |

#  FUNDING PROJECTS Completed 03

|  |  |  |  |
| --- | --- | --- | --- |
| **TITLE OF THE PROJECT** |  **FUNDING AGENCY** |  **AMOUNT** | **DURATION** |
| Dr. Bagyalakshmi , Dr.V.Vinodhini Impress - ICSSR | *-* Technology and Social Media: Developments and Challenges | 4,32,600.0/-(Applied) | *-* |
| Dr.V.Vinodhini , Dr.R.RajeshKanna Impress - ICSSR | SOCIAL MEDIA:Cyberbullying Retardation for WomenEmpowerment | 4,32,600.0/-(Applied) | - |
| Dr.Suguna,V.Vnodhini Impress - ICSSR | Impact of covid 1 on the economy and its impact in poultry farming in Namakkal District | 4,32,600.0/-(Applied) | - |
| Dr.V.Vinodhini  | Home learning during a pandemic through the eyes of Dr. N.G.P ASC student- Challenges andopportunities | 5000/-(Granted) Seed Money | 6 MonthsCOMPLETED |
| Dr.V.Vinodhini  | Students perception of classroom and online learning during novel Coronovirus Disease 2019 pandemic in the Undergraduate & Postgraduate courses | 5000/-(Granted) Seed Money | 6 MonthsCOMPLETED |
| Dr.V.Vinodhini  | A Study of Stress level and its impact among College students | 5000/-(Granted) Seed Money | 6 MonthsCOMPLETED |
| Dr.V.Vinodhini Impress - ICSSR |  Instigation of Women  Empowerment through  Entrepreneurship – Thoughts and challenges | 1,40,000/- | APPLIED |
| Dr.V.Vinodhini Impress - ICSSR | Study on Impacts and sway of digital crime pattern with influence of Social Media on Psychosocial Crash on School and College Students in Coimbatore district of Tamil Nadu | 4,10,000 | Applied |
| Dr.V.Vinodhini  | Intelligent Parking Structure For Dr.N. G. P. College Using Ir Sensor | 5000/- | Applied |
| Dr.V.Vinodhini  | Motion Detection Using Infrared Obstacle AvoidanceIr Sensor Module For Reducing Electric Consumption At Dr.N.G.P.Asc Premises | 5000/ | Applied |
| Dr.V.Vinodhini TNSCST  | Agriculturalists associates - Seed Calibre test using Machine Learning Algorithm | 12,800 | Applied |

# PATENT DETAILS Published: 01

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.NO | TITLE OF THE PATENT | STATUS | APPLICATION NO | AUTHORS |
| 1 | Intelligent Drug Abuse Ascertain System | Patent Published (Indian) | 202041026079 A 10.07.2020 | Dr.V.VinodhiniA.ThilakaDr.P.V.Praveen SundarDr.G.ManivasagamP.Nagarajan |

#  https://www.iimk.ac.in/faculty/profile/images/publication.png Significant Publications

# RESEARCH PUBLICATIONS - 33 SCOPUS: 03 PEER REVIEWED: 30

1. **Dr. V. Vinodhini,** “A Study on Robotics in Contemporary Ecosphere”, “International Journal of Engineering and Management Research,e-ISSN: 2250-0758 | p-ISSN: 2394-6962, Volume-13, Issue-2 (April 2023), e-ISSN: 2250-0758 | p-ISSN: 2394-6962, **UGC Indexed**
2. **Dr. V. Vinodhini,** “Gas Effluence Scheme Using IMQ Sensor”,“International Journal of Engineering and Management Research,e-ISSN: 2250-0758 | p-ISSN: 2394-6962, Volume-13, Issue-2 (April 2023), e-ISSN: 2250-0758 | p-ISSN: 2394-6962,  **UGC Indexed**
3. **Dr. V. Vinodhini,** “Consumer Awareness towards Agriculture Equipment”, “International Journal of Engineering and Management Research, Volume-13, Issue-2 of April 2023(28-04-2023), e-ISSN: 2250-0758 | p-ISSN: 2394-6962, https://doi.org/10.31033/ijemr.13.2.25, **UGC Indexed**
4. **Dr. V. Vinodhini, “**Alcohol Consumption Detector for Classroom Using Iot, “International Journal of Engineering and Management Research, Volume-13, Issue-2 of April 2023(28-04-2023), ISSN (Online): 2250-0758 || ISSN (Print): 2394-6962, **UGC Indexed**
5. **Dr. V. Vinodhini** , “ Privacy Protection in Vehicular Networks Based on Blockchain and Edge Intelligence, “Journal of Survey in Fisheries Sciences, Vol 10 No.1S(2023), **SCOPUS Indexed**
6. **Dr. V. Vinodhini** ,” Bank lend endorsement prediction System using logistic regression “,International Journal of Research and Analytical Reviews (IJRAR), April -2021, Volume 8,Issue 2, E-ISSN 2348- 1269, P- ISSN 2349- 5138, **UGC Indexed**
7. **Dr. V. Vinodhini** , “Auto -Time Table Automation Tool using Genetic Algorithm”, International Journal of Engineering and Management Research(IJEMR), Volume: 11 , Issue: 2, April-2021, ISSN:2394 -6962 | p - ISSN: 2394 – 6962 **UGC Indexed**
8. **Dr. V. Vinodhini** ,” Study on Selection Method of Parents and Crossover in Genetic Algorithm”, International Journal of Scientific Research in Computer Science Engineering and Information Technology (IJSCSEIT), Volume no-7, Issue no - 2 Pg. No. 282- 285, April-2021, ISSN: 2456- 3307 **UGC Indexed** .
9. **Dr. V. Vinodhini**, “ A Study on Web Based Immunity Prediction Using Artificial Intelligence”, International Journal of Research and Analytical Reviews (IJRAR), Volume no -8, Issue no – 2, May- 2021, **UGC Indexed**
10. **Dr. V. Vinodhini** , “ A Study on behavioral analysis of specific ransomware and its comparison with DBSCAN- MP”, International Journal of Scientific Research in Computer Science Engineering and Information Technology (IJSCSEIT), Volume no -7, Issue no - 1 , January-2021, ISSN: 2456-3307, **UGC Indexed**
11. **Dr. V. Vinodhini** , “Application Of Online Goods Booking System Using Php And Mysql “,IJSREM(International journal of Scientific Research in Engineering and Management “ , Vol 4,Issue 7 July-2020, ISSN : 2582-39302020 **UGC CARE**
12. **Dr. V. Vinodhini,** “Predecting Student Dropouts in school using Machine Learning Techniques”,

“International Journal of Scientific Research in Engineering and Management (IJSREM)” , Volume: 04 Issue:6, June -2020, ISSN: 2582- 3930 **UGC Indexed**

1. **Dr. V. Vinodhini**, “An Investigation on Organizing Photo Chipping In Online Social Networks”, International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 04 Issue: 07 , June-2020, ISSN: 2582-3930 **UGC Indexed**
2. **Dr. V. Vinodhini,** “Fingerprint Detection System for Online TransactionUsing Image pre – processing technique “,International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 04 Issue: 07 ,June-2020, ISSN: 2582 – 3930 **UGC Indexed**
3. **Dr. V. Vinodhini** , “A Study on Visual Cryptographic Technique for Securing Medical Images”, International Journal of Scientific Research in Engineering and Management (IJSREM),Volume:

04 Issue: 07 , June-2020, ISSN:2582-3930 **UGC Indexed**

1. **Vinodhini V**, “Malicious-URL Detection using Logistic Regression Technique”, International Journal of Engineering and Management Research, Volume- 9, Issue- 6, December-2019 ISSN : 2250-0758 **UGC Indexed**
2. **Dr.V.Vinodhini**, “Enhanced Parameter Less Kmeans and Density Based Clustering Algorithm for Crime Investigation”, International Journal of Scientific Research in Computer Science Applications and Management Studies, June-2019, ISSN : 2319-1953 **UGC Indexed**
3. Mohanadevi M, **Vinodhini V**, “A Study on Various Data Mining Techniques for Agriculture Crop Yield

Production”, Journal of Emerging Techniques and Innovative Research, Volume 5, NO. 9, September- 2018, ISSN: 2349-5162, **UGC Indexed**

**20.** Mohanadevi M, **Vinodhini V**,” Accurate Error Prediction of Sugarcane Yield Using a Regression Model”, International Journal of Computer Sciences and Engineering, Vol.-6, NO. 7, July-2018 , ISSN: 2347-2693, **UGC Indexed**

21. Mohanadevi M, **Vinodhini V**,” Analysing Agriculture Data Using Data Mining Classification Techniques”, Volume 5, NO. 5, May-2018, ISSN: 2394-2320, **UGC Indexed**

**22.** Mohanadevi M, **Vinodhini V**, “ A Comparative Analysis of Healthcare Sector Using Different Data mining Techniques” , International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2 ,NO. 3, June-2017, ISSN. 2456-3307, **UGC Indexed**

**23. V.Vinodhini,** A Study on Agriculture UAV for Identifying the Plant Damage afterPlantation, International Journal of Engineering and Management Research, Volume-6, NO. 6, November to December-2016, **UGC Indexed** -H-Indexed.

**24. V. Vinodhini** , A study on cloud based encrypted data using multi-keyword ranked search scheme, International Journal Of Engineering Sciences & Research Technology, ISSN: 2277- 9655, 5(12): December-2016, **UGC Indexed**

**25.** L. Haldurai and **V. Vinodhini**, “Parallel Indexing on Color and Texture Feature Extraction using R- Tree for Content Based Image Retrieval”, International Journal of Computer Sciences and Engineering, Vol 3, NO. 11, pp. 11-15, November -2015, ISSN. 2347-26932693 **UGC Indexed**

**26. V.Vinodhini** ,M.Hemalatha, “ Comparative Evaluation of Crime Incidence using Enhanced Density based Spatial (DBSC5AN) Clustering” , International Journal of Computer Applications, Volume122

 No.8, July-2015, ISSN 0975 – 8887, **UGC Indexed**

**27. V.Vinodhini** ,M.Hemalatha, “Approaches To Scrutinize Crime Data Using Improved (IKM) K-Means

Clustering Algorithm”, International Journal of Control Theory and Applications, Volume 8., NO:2,

 pp. 499-504, June-2015, **SCOPUS Indexed**.

28. L. Haldurai and **V. Vinodhini**, “A Study on Content Based Image Retrieval Systems”, International

 Journal on Innovative Research in Computer and Communication Engineering, Vol. 3, NO. 30, March

 -2015, ISSN (Online): 2320-9801. ISSN (Print): 2320-9798, **UGC Indexed**

**29. V.Vinodhini** ,M.Hemalatha,” Improved density-based K-clustering (E-DBK) algorithm for effectual

investigation of crime data “, International Journal of Applied Engineering Research, Volume 10,

 NO: 7, pp 16655-16664, January-2015, ISSN 0973-4562, **SCOPUS Indexed**.

30. **Vinodhini V**, “Identifying Fraudulent Behavior and its types using Clustering Techniques-KJCS (Free

 Journal of Karpagam University). www.kjcs.com, Volume-9, Issue-1, December-2014, **UGC Indexed**

**31. V.Vinodhini** ,M.Hemalatha, “Efficient Mining of Criminal Networks from unstructured textual documents”

International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, NO. 11,

 November -2014, ISSN-2320-9798 , **UGC Indexed**

**32. V.Vinodhini** ,M.Hemalatha, “An Intend Method for Tracking and Detecting Crime using Clustering

Techniques” , International Journal of Engineering and Management Research, Volume-4, NO. 5, pp. 27-30,

 October- 2014, ISSN. 2250-0758 , **UGC Indexed**

**33.** M Hemalatha**, V Vinodhini**,” A System for Dissecting the Video for Tracing Multiple Humans in Multifaceted

Situation”, International Journal of Computer Applications , Vol 77.,NO:5., pp. 16-20, September- 2013,

 ISSN:10.5120/13390-1030 , **UGC Indexed**

#  CONSULTANCY COMPLETED : 02

|  |  |  |  |
| --- | --- | --- | --- |
| **Nature of Consultancy** | **Client** | **Amount** | **Completion Status** |
| PHP and My-SQL- Ghatz Technology | V. Vinodhini | 7,500/ | Completed |
| PHP and My-SQL- Ghatz Technology | V. Vinodhini | 1500/- | Completed |

 **Presentations in Conference**

 **PAPER PRESENTATIONS IN NATIONAL AND INTERNATIONAL CONFERENCE**

 **INTERNATIONAL: 09 NATIONAL: 16 TOTAL NO: 25**

1. **Dr.V.Vinodhini**, “International Conference on High performance and intelligent computing “ at PSG College of Technology on 07 to 09 -Dec-2022
2. **Dr.V.Vinodhini**, “International Conference on Recent trends in Computing, Communication and Information Technology (ICRCCI-2022) at SNR Ramakrishna College on 15th & 16th – Nov-2022
3. **Dr.V.Vinodhini**, National Seminar on Industry 4.0 Technologies, Outcome & Future of Manufacturing by ICSSR Sponsered on Aug 26-2022-CHRIST University Bangalore
4. **Dr.V.Vinodhini** “International Conference on High Performance and Intelligent Computing ICHPIC 2022) , ulti-Objective dragonfly optimization algorithm for Wrapper based feature selection, PSG College of Technology
5. **Dr.V.Vinodhini**, “ AICTE Sponsered International Conference On Emerging issues and Innovative Practices on Machine Learning in Big Data Analytics and Data Science, 9th and 10th – March - 2022
6. **Dr.V.Vinodhini** , “ A study on boardinghouse frequenter directorate structure “ , Second International Conference on Research trends in computing technologies (ICRTCT – 2020). Nov-2019, ISBN: 978- 93-5288-643-2.
7. **Dr.V.Vinodhini**, “Data Analysis in Criminal for Improving CIS using Data Mining Techniques”, Nov- 2019, ISBN 978-93-89105-40-7 by Coimbatore Institute of Information Technology
8. **Dr.V.Vinodhini** , “ A Study On Fingerprint Detection System For online Transaction Using Image Pre- Processing Technique “ , SERB Sponsored National Seminar on Computing Platforms for Biological Big Data analytics, Nov -2019, ISSN :978-93-5288-590-9.
9. **Dr.V.Vinodhini** , “Recent Trends In Computing Technology Icrtct-18”in International Conference, N.G.P Arts and Science College, Coimbatore, 09th -Aug-18,10th -Aug-18.
10. **Dr.V.Vinodhini** , “Multimedia Signal Processing And Networking” in National Conference, Dr

N.G.P Institute Of Technology, Coimbatore, 2018

1. **Dr.V.Vinodhini** , “Weather Prediction Using Data Mining Techniques” in International Conference, Rathinam College, Coimbatore ,26th -Oct-17.
2. **Dr.V.Vinodhini** , “Advanced Trends In It” in National Conference, N.G.P Arts and Science College, Coimbatore, 25th -Feb-16.
3. **Dr.V.Vinodhini** , “A Study On Cybercrime” in International conference, Kongu arts and Science College, Coimbatore,13th -Feb-14.
4. **Dr.V.Vinodhini** , “Research Trends In Computer Technology” in International Conference, N.G.P arts and science college, Coimbatore, 30th -Jan-14 to 31st -Jan-14.
5. **Dr.V.Vinodhini** , “Recent Trends In Engineering And Technology” in International Conference, ICRTET 2014 Cochin, Kerala, INDIA, 18th -Jan-14 to 19th -Jan-14.
6. **Dr.V.Vinodhini** , “Enhanced Clustering Based Algorithm For Analysis Of Crime Data” in National Congress, Karpagam University, Coimbatore, 07th - Dec-13 To 08th -Dec-13.
7. **Dr.V.Vinodhini** , “Unstructured Textual Document” in National Conference, G.R.D CAS, Coimbatore,14th -Feb-13.
8. **Dr.V.Vinodhini** , “Issues In Higher Education" in National Conference, Dr .N.G.P Institute of Technology, CBE.
9. **Dr.V.Vinodhini** , “An Overview Of Web Mining” in National Conference, Sri Venkateshwara CAS, Thanjavur,15th -Sep-12.
10. **Dr.V.Vinodhini** , “Emerging & Innovative Trends In Computer Science” in National Conference, SNS Rajalakshmi College, Coimbatore, 2012
11. **Dr.V.Vinodhini** , “Achieving Academic Excellence Through IQAC” in State Level Conference ,
12. N.G.P arts and Science College, 09th Dec-11 to 10th -Dec-11.
13. **Dr.V.Vinodhini** , “Network Border Patrol” in National Conference, RVS college of arts and science, Coimbatore,04th -Mar-09.
14. **Dr.V.Vinodhini** , “Emerging Technologies in Computer Science”, Pioneer College of Arts and Science, Coimbatore,04-Jan-19.
15. **Dr.V.Vinodhini** ,”A Review on Deep Learning Techniques in Health Care” , National virtual conference on applications Of deep learning in artificial intelligence for healthcare

 **Conferences, Seminars & Webinars**

# PARTICIPATION IN SEMINARS / WORKSHOP

#  SEMINAR : 11 WORKSHOP : 09

1. One day Workshop on OBE by iprs solutions at Dr.N.G.P ASC College, Coimbatore on

04-Mar-2023

1. International Workshop on Case Studies in Artificial Intelligence and Machine Learning at PSGR Krishnammal College for Women, 17-Nov-2022
2. IIC( Institute Innovation Council) - Regional Meet at Kochi on 06th –Aug-2022
3. Using Innovations In ICT Towards Women Education And Empowerment Impact And Practices, organized by Department of IT-Dr. N.G.P Arts and Science College, Coimbatore on 24-Aug-2022 ,ISBN No.: 978-81-957709-3-9
4. Data Analytics Using R ,National Workshop ,PSGR Krishnammal College for Women, 12 – Oct- 2021
5. Three Days Workshop On Machine Learning With Scikit Learn,Keras And Tensor Flow , Sri Ramakrishna Engineering College, Department of Computer Science & Engineering, during 17th- 19th May 2021.
6. National Level Webinar on IPR for Commerce and Management Professional by department of Commerce at Hindusthan College of Arts and Science, Coimbatore on 28th –Aug-2021
7. Coimbatore Cyber security awareness and defense techniques, National Seminar, N.G.P Arts and Science College, 25th -Aug-14.
8. Research in computers, International Seminar, Bharathiar University, Coimbatore, 11th -Mar-13.
9. Research methodology in computer science & engineering, Sri Vasavi College, Erode. National Seminar, 27th -Feb-09 to 28th -Feb-09.
10. Machine Learning With Scikit Learn, Keras And Tensor Flow, Sri Ramakrishna Engineering College Coimbatore from 17th-May-21- 19th-May-21
11. Copyrights in India, Turnip Innovations, 20th – Nov- 2020
12. Intellectual Property Rights - Bharathiar University, Coimbatore, 29th -Aug-19 and 30th -Aug-19
13. Machine Learning Workshop, Pantech Solutions PVT, CBE, 14th -July-19.
14. Workshop on Statistical analysis using R , Bharathiar University, Coimbatore, 06th -Sep-18 &07th -Sep-18.
15. Workshop on Machine learning using python, Pantech Solutions PVT, Coimbatore, 04th -Aug-18.
16. Business Intelligence and Analytics, AJK College of Arts and Science, Coimbatore, 26th
	* Feb-18.
17. Software Testing, N.G.P Arts and Science College, Coimbatore, 22nd -Feb-14.
18. Workshop on Art of research, PSG College of Technology, Coimbatore, 24th -Aug-13.
19. Research issues in dip, N.G.P CAS, Department of computer technology two day lecture workshop, 25th -Aug-12 and 26th -Aug-12.

# Participation in Faculty Development Programme

# PARTICIPATION IN ORIENTATION PROGRAMME / SHORT TERMCOURSES

1. One day Workshop on Outcome Based Education (Ipsr Solutions Ld, at Dr.N.G.P Arts and Science College, 04 March 2023 ,Coimbatore
2. NPTEL - NEP-2020 for University and College Teachers, 2022.
3. NPTEL - Intellectual Property Rights Law, 2022
4. Infosys-Springboard - Basics of PYTHON,2022
5. Infosys-Springboard - SQL Server basics, 2022
6. Problem solving and python programming, Computer Society of India (CSI)), N.G.P. Institute of Technology, Coimbatore, 09th -Sep-17.
7. Completed Java test organized at Zeal College of Engineering and Research, Pune by Spoken Tutorial Project, IIT Bombay - MHRD, Govt., of India.
8. Enhancing Soft skill and Personality , NPTEL , Feb – Apr-2020

# PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMME

1. Five day Virtual Faculty Development Programme by Sri S.Ramasamy Naidu Memorial College ,Madurai , “ Recent Advancements in Computinhg Technologies” on 13th –Feb-2023
2. Faculty Development Programme by SanSnow’s Nobel Professional Foundation –MSME and Ministry of Coorporate Affairs , “ Blooms Taxonomy in Teaching and Learning” , on 16th –Feb-2023
3. Five day Virtual Faculty Development Programme by KG College of arts and Science ,
4. ” Researc h & Methodology in Computer Science” on 28th-Jan-2023
5. Faculty Development Programme by NPTEL Swayam , Intellectual Property Rights Law on Nov-2022
6. Innovation Ambassador Training (Advanced Level) conducted by MoE's Innovation Cell & AICTE, New Delhi from 30th –June-21 to 30th –July-21
7. Cyber security Infrastructure Configuration , ICT Academy on 20th -Sep-21 to 24th -Sep-21
8. Project Proposal for Research Grants, Devangere University on 08th -Jan-21
9. Intellectual Property Rights for Commerce and Management Professionals, Hindusthan College

of Arts and Science ,28th – Aug- 2021

1. Research Methodology and Pedagogy for Teritary Education, One Week FDP Programme , Dr.
2. N.G.P. Arts and Science College, Coimbatore,15th -06-21 to 21st -06-21.
3. Quality Initiatives In Higher Education , One Week FDP Programme, Dr. N.G.P. Arts and Science College, Coimbatore, Sri Ramakrishna College of Arts and Science, Coimbatore, Gobi Arts & Science College, Gobichettipalayam, Vellalar College for Women, Erode,13th -04-20 to 20th -04-20.
4. Innovation to Startup – Incubation and startup process, Kumaraguru college of Technology, 07th Aug-2020
5. Development of Computational model using deep learning, ICFAI University , 14th –June-2020
6. User Experience Design, Sri Ramakrishna Institute of Technology, 04th – June-2020
7. Transitional Leadership , Sri Ramakrishna College of arts and Science on 30th -July-20 to 01st-Aug-20.
8. Cyber security, Sri Ramakrishna Institute Of Technology on 13th –July-20 to 17th –July–20
9. Enterprise Resource Planning at N.G.P. Business School on 31st -July-10.
10. Research Perspectives: Transition from Industry 4.0 to 5.0 , Bharathiar University on 15th-June-20 to 20th-June- 20
11. Stress Management, Avinashilingam Institute for Home Science and Higher education for women on 23rd – June-20.
12. You can become a Good Researcher – Building Research Capacity in Institution, Sri Eshwar College of Engineering on 26th –June- 20
13. User Experience Design, Sri Ramakrishna Institute Of Technology on 04th June-20
14. What is Success, Sri Eshwar College of Engineering on 24th -June-20
15. Effective Conduct of Online Classes, Sri Eshwar College of Engineering on 20th –June-20
16. Machine Learning ,RVS College of Engineering and technology on 29th –May- 20
17. Data Mining Techniques- current scenario , Sree Ramu College of Arts and Science on 26th - May- 20
18. Bridging the gap for Real – World Marketing – Industry vs Academia, VET Institute of arts and Science on 02nd –May-20
19. Improving Your Research Visibility – Research Impact and Metrics, Velalar College Of Engineering And Technology from 11th-May-20 to 13th -May-20
20. To promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs , Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi from 28th –April-20 to 22nd – May-20
21. Quality Initiatives in Higher Education, Dr. N.G.P. Arts and Science College, Coimbatore, Sri Ramakrishna College of Arts and Science, Coimbatore, Gobi Arts & Science College, Gobichettipalayam Vellalar College for Women, Erode from 13th -April-20
22. Quality Measures in Higher Education, N.G.P. Arts and Science College, Coimbatore, 03rd –Dec- 18 to 09th -Dec-18.
23. Introduction to R Programming, N.G.P. Arts and Science College, Coimbatore, 30th -Aug-18 and 31st -Aug-18.
24. Bio Computational Methods Using Python & Perl, PSGR Krishnammal College for Women, 06th

Mar-18.

# CONFERENCE / SEMINAR / WORKSHOP ORGANIZED

1. Editorial Member, Handbook of Research on Cyber security in Health Care, , Dr. N.G.P Arts and
2. Science College, ISBN No.: 9789352886432
3. Organizing Member, IPR Basic Importance Patent Drafting- Online Webinar series, 11th - Nov- 2021
4. Organizing Member, Comprehend the Significance of Patent Protection – Online Webinar Series, 08th – July-2021
5. Organizing Secretary- National Seminar on Computing Platforms for Biological Big Data Analytics 05th -Feb-20 and 06th -Feb-20.
6. Organizing Member – ICRTCT Newsletter International Conference on Research Trends in Computing Technologies 28th -Feb-20 and 29th -Feb-20.
7. Committee member, International Conference on Research Trends in Computing Technologies(ICRTCT -18), N.G.P. Arts and Science College, Coimbatore, 09th -Aug-18 to 10th -

Aug-18

1. Organizing Secretary for alumni association, 2017, Dr. N.G.P Arts and Science College.
2. Committee member, National Conference on Advanced Trends in Information Technologies(NCATIT

-16), N.G.P. Arts and Science College, Coimbatore, 24th -Feb-16.

**INVITED SPEAKER / SESSION CHAIR / MEMBER ORGANIZING COMMITTEE - CONFERENCE / SEMINAR / WORKSHOP**

1. Reviewer at Department of Computer Sience and Engineering CHRIST (Deemed to be University) , Kengeri campus, Bangalore.
2. Acted as BoS Member at Dr.N.G.P Arts and Science College, Computer Science Board during the year 2023
3. Acted as BoS Member at Dr.N.G.P Arts and Science College, Information Technology Board during the year 2018 to 2022
4. Invited Speaker, Kaamadhenu Arts and Science College , Erode, Intellectual Property Rights &its Management on 16th -April -2021
5. Invited Speaker, Sri Ramakrishna College of Arts and Science , Coimbatore, MongoDB – Prologue and Nitty – Gritty on 12th -March-21
6. Invited Speaker, Conference on Latest Technologies, Terfs’ College of Arts and Science, Tirupur, 01st - Jan-19.
7. Invited Speaker, Conference on Latest Trends of IoT Technologies, Pioneer College of Artsand Science, 24th -Aug-18.
8. Invited as a guest for various event at N.G.P institutions.
9. Acted as an organizing secretary for national and international conference and seminar
10. Acted as a session chair for international conference
11. Intellectual Property Rights Centre coordinator, Dr. N.G.P Arts and Science College, Coimbatore
12. Institution Innovation Council - IIPC cell coordinator, Dr. N.G.P Arts and Science College, Coimbatore
13. I-Can club coordinator, Dr. N.G.P Arts and Science College, Coimbatore
14. Alumni Newsletter coordinator and a member coordinator, Dr. N.G.P Arts and Science College, Coimbatore
15. IIC Innovation Ambassador – MHRD , Dr. N.G.P Arts and Science College.

# AWARDS AND RECOGNITION

|  |  |  |
| --- | --- | --- |
| **AWARDS/HONORS** | **AGENCY / INSTITUTE** | **YEAR OF AWARD** |
| Awarded Exemplary Service | Dr. N.G.P ASC | 2023 |
| மாண்புமிகு மகளிர் விருது - 2023 | வாகை தமிழ்ச்சங்ம் | 2023 |
| Best Fund Mobilizer | Dr. N.G.P ASC | 2020 |
| Awarded silver coins for 100%Result | Dr. N.G.P ASC | 2007-2010 |
| Awarded silver coins for 100%Result | Dr. N.G.P ASC | 2008-2011 |
| Awarded silver coins for 100%Result | Dr. N.G.P ASC | 2009-2012 |
| Awarded silver coins for 100%Result | Dr. N.G.P ASC | 2010-2013 |
| Awarded Cash Price for researchPublication | Dr. N.G.P ASC | 2012 - 2013 |

# MEMBER IN BOS

* Board of Information Technology, Dr. N.G.P arts and Science College, Coimbatore, since 2018.
* Board of Computer Science, Dr. N.G.P arts and Science College, Coimbatore, since 2022

# BOOK/CHAPTERS PUBLICATIONS

1. **Book Chapter** - Cyber Security in HealthCare, Dr.N.G.P Arts and Science College, Coimbatore, Department of Information Technology ,ISBN : **9789352886432**
2. **Book Chapter –** Recent trends in computer science and data analytics, KPR college of arts science and research on 3rd and 4th February 2023, ISBN: ISBN **978-93-91977-10-8**
3. **Book Chapter –** High performance and intelligent computing , PSG Colege of Technology on 7th to 9th – December- 2022, ISBN: 978-93-95105-03-3
4. **Book Chapter -** Innovations In Ict Towards Women Education And Empowerment Impact And Practices - Women Endorsement in contradiction of Technology and Social Media-Development and Challenges at Dr. N.G.P Arts and science college, Department of IT on 24th Aug – 2022, ISBN No.: 978-81-957709-3-9
5. **Book** - Lambert Publishing-Crime Data Analysis Using Data Mining Model and Techniques**-** ISBN: 978-620-4-97883-3

**EDITORIAL / REVIEW BOARD MEMBER**

1. Reviewer at International Conference On Computational Sciences And Sustainable Technologies 2023, CHRIST (Deemed to be University), India and Modern College of Business and Science, Oman
2. Board of InformationTechnology,N.G.PArtsandScienceCollege,Coimbatore,since2018
3. Board of Computer Science,N.G.PArtsandScienceCollege,Coimbatore,since2018
4. Review Board Member, IGI Global publications 2019 –2020
5. IJCS – Editorial Board Member

# MEMBERSHIP IN PROFESSIONAL BODIES

|  |  |  |
| --- | --- | --- |
| **Name of the Professional Body** | **Nature of membership** | **Duration** |
| IAENG | Life-time | - |
| IRED | Life -Time | - |
| Teaching and Education Research Association | Life -Time | - |

 **DECLARATION**

I hereby declare that all the details furnished above are true to the best of my knowledge.

**PLACE: COIMBATORE**

**DATE:**

Dr. V. Vinodhini