FORMAT FOR BIODATA

NAME & QUALIFICATION: Ms.N.Vijayalakshmi,
M.Sc.,M.Phil,SET,NET,P.G.D.C.A

DESIGNATION: Assistant Professor

DEPARTMENT NAME: Computer Science

Email id: nvijimca@gmail.com   Official id : vijayalakshmi@sigc.edu

Specialization if any : Data Mining, Network Security

 Total Teaching Experience : 28 years   Research Experience: 15 years

Guideship : M.Phil

No. of Scholars who have taken their M.Phil under my guidance and their details:15

No. of research articles published in UGC CARE / SCOPUS / WEB of SCIENCE indexed journals :3

No. of other research articles published : 5

LIST OF ARTICLES PUBLISHED IN JOURNALS IN CHRONOLOGICAL ORDER :

1. Ms. N. Vijayalakshmi and Dr. K. Meena   Indian Journal of Public Health Research & Development, Peer Reviewed, ISSN: 0976-0245, http://www.ijphrd.com/Analysis of Factors Causing Infertility in Women using statistical Analysis and Association Rule Mining   Vol.6(2), Page No:112-117, April-June 2015 **SCOPUS INDEXED S. No.161 (2 citations)** http://www.indianjournals.com/ijor.aspx?target=ijor:ijphrd&volume=6&issue=2&article=025

2. Ms.N. Vijaylakshmi et al.   International Journal of Computer Science and Mobile Computing, www.ijcsmc.com   "Using Decision Tree Induction to Predict the Type of Eating Disorder",   DRJI: 5.93 ISSN: 2320-088X, Vol 4, Issue 7, Page No: 537-543, July 2015.   I.F: 5.258 **INDEXED BY ICI**   https://ijcsmc.com/docs/papers/July2015/V4I7201599a24.pdf

3. Ms. N. Vijayalakshmi et al.   IOSR Journal of Biotechnology and Biochemistry (IOSR-JBB), **www.iosrjournals.org** ,   "Knowledge Discovery from Breast Cancer Database"   ISSN 2455-264X, Vol 1, Issue 5, Page No: 1-5, Jul-Aug 2015. 1.512 http://www.iosrjournals.org/iosr-jbb/papers/Vol1-issue5/A0150105.pdf

4. Ms.N.Vijayalakshmi & M.UmaMaheswari   International Journal of Computer Science and Mobile Computing, **www.ijcsmc.com**   "Data Mining To Elicit Predominant Factors Causing Infertility In Women"   ISSN: 2320-088X, Vol 5, Issue 8, Page No: 5-9, Aug 2016.   I.F: 5.258 https://www.ijcsmc.com/docs/papers/August2016/V5I8201602.pdf   (2 citations)

5. Ms.N.Vijayalakshmi, M.Senthamilselvi International Journal of Computer Science and Information Technology Research, **www.researchpublish.com** "Efficient Data Collection Cluster Technique to Avoid Data Redundancy" ISSN(Print): 2348-1196, ISSN(Online): 2348-120X, Vol 4, Issue 4, Page No: 22-27, Oct 2016.

http://www.researchpublish.com/journal/IJCSITR/Issue-4-October-2016-December-2016/0

6. Ms.N.Vijayalakshmi & T.Jenifer   International Journal of Computer Science and Mobile Computing, **www.ijcsmc.com**, An Analysis of Risk Factors for Diabetes using Data Mining Approach   ISSN: 2320-088x, Vol 6, Issue 7, Page No: 166-172, July 2017.   IF: 6.017 https://ijcsmc.com/docs/papers/July2017/V6I7201740.pdf (3 citations)

7. Ms.N.Vijayalakshmi & J.Polley Amilya International Journal of Computer Sciences and Engineering, **www.ijcseonline.org**   Application of Knowledge Engineering for Prediction of Lung Cancer   ISSN: 2347-2693, Vol 6, Issue 7, Page No: 957-960, July 2018.   IF: 3.022 **Indexed by UGC, Google Scholar, ICI**
https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2541&155-IJCSE-04276.pdf
UGC Journal no: 63193   https://www.ijcseonline.org/IJCSEUGCJournalno.pdf

8. Ms.N.Vijayalakshmi & P.Nithya   International Journal of Computer Sciences and Engineering, **www.ijcseonline.org**   Information Retrieval From Thyroid Database Through Data Mining ISSN: 2347-2693, Vol 6, Issue 7, Page No: 126-130, July 2018.   IF: 3.022 **Indexed by UGC, Google Scholar, ICI**
https://www.ijcseonline.org/pdf_paper_view.php?paper_id=2405&19-IJCSE-04292.pdf

UGC Journal no: 63193   https://www.ijcseonline.org/IJCSEUGCJournalno.pdf

NATIONAL JOURNALS : 1

INTERNATIONAL JOURNALS : 7

LIST OF PAPERS PRESENTED IN CONFERENCES IN CHRONOLOGICAL ORDER: (MENTION IF IT IS PUBLISHED IN A CONFERENCE PROCEEDING)

NATIONAL CONFERENCES : 2

INTERNATIONAL CONFERENCES:1

PARTICIPATION IN WORKSHOP / CONFERENCES / SEMINARS / FDPs

Conferences Attended: (6)

Jan 11, 12 & 13 2021 - ReimagineNEXT - 17th Nasscom Product Conclave 2021.

19-21 Nov 2020 - Bengaluru Tech Summit 2020

14th Oct 2020 to 18th October 2020 - International Conference on AI, Robotics and Automation, Global Technology Forum 2020 (GTF2020) organised by ICT Academy

14th Oct 2020 to 18th October 2020 - International Conference on Signals, Communication and Embedded Systems, Global Technology Forum 2020 (GTF2020) organised by ICT Academy

14th Oct 2020 to 18th October 2020 - International Conference on Advances in IOT, High Performance and Edge computing,Global Technology Forum 2020 (GTF2020) organised by ICT Academy

14th Oct 2020 to 18th October 2020 - International Conference on Advances in Sensors, Energy and Hybrid Vehicles,Global Technology Forum 2020 (GTF2020) organised by ICT Academy

Workshops:

15th October 2020 - Eighth RBCDSAI (Robert Bosch Centre for Data Science and Artificial Intelligence (RBC-DSAI), Indian Institute of Technology Madras) Workshop on Recent Progress in Data Science and AI

23rd & 24th July 2020 - Two Day Workshop on "**Aligning Yourself to the Publishing Process"** on conducted by Elsevier Research Academy

21st and 22nd July 2020 - Two day Workshop on "**INTELLECTUAL PROPERTY RIGHTS [IPR]**-Focused on Engineering Applications, organized by St.Joseph's College of Engineering, OMR, Chennai

1st and 2nd March 2019 - UGC-Sponsored Workshop for Professional Development of Academic Administrators on "Institutional Assessment & Accreditation"

FDP

22 February 2021 to 27 February 2021 - Introduction to Angular JS (Online Live FDP), ICT Academy Faculty Development Program.

8th to 13th Feb 2021 - TRAINING FOR TEACHER'S ORIENTATION FOR NEWLY ADMITTED STUDENTS PHASE- I by Indra Ganesan Group of Institutions

29 June 2020 to 04 July 2020 - Certificate Course on Digital Teaching Techniques", ICT Academy

Jun 2020 - Certificate course in Real Time Operating Systems offered by NPTEL

Seminar / Webinar :

15 Jan 2021 - ICT Academy Power Seminar, focused on the theme **SURVIVAL OR HAPPINESS**

June 27, 2020 - Web seminar: NIRF 2020

15th & 22nd June 2020 -Webinar on "**Introduction to eLearning Content Creation"** organised by CSI Chennai, ACM Chennai and IEEE CS Madras in association with CDAC Mumbai and conducted by Dr. M Sasikumar and Ms. Archana of ETU team, CDAC, Mumbai

18 June 2020-24 June 2020 - Online certification Programme on Cybersecurity Essentials (Online Live FDP)

17th June 2020 - Webinar on Evaluation with Fun - Kahoot, conducted by Indra Ganesan College of Nursing, Trichy

May 18 2020 - Webinar on " Size Does Matter : Genes, Diet & Obesity" by Dr. Vimal Karani",SAS SNDP Yogam College, Konni, Pathanamthitta, Kerala

May 14,18,21,25,28 2020- Web seminar: E-Shodh Sindhu Web of Science Certification Series Session-1,

Virtual Book Launch on Future of Education - **Nine Mega Trends**

12 June 2020 - Skycampus Digital Knowledge Webinar Series 2020 - Insightful Fridays on the theme, **Building a Sustainable Future**

Skycampus Digital Knowledge Series 2020 - Season 7 on the theme ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM : Day 5 - **Catching the Cyber Virus**

Skycampus Digital Knowledge Series 2020 - Season 7 on the theme ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM : Day 4 - **Discover the Diamond in You**

Skycampus Digital Knowledge Series 2020 - Season 7 on the theme ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM : Day 3 - I**mpact of Artificial intelligence and cognitive computing, post covid 2019**

Skycampus Digital Knowledge Series 2020 - Season 7 on the theme ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM : Day 2 - **Accelerating Industry 4.0 - A Learning & Development Perspective**

Skycampus Digital Knowledge Series 2020 - Season 7 on the theme ACCELERATING INDUSTRY 4.0 - A POST COVID PARADIGM : Day 1 - **Conversation on Industry 4.0 - A post Covid Paradigm**

Skycampus Super Session on the theme **Change is the Essence of Life**

Skycampus Digital Knowledge Series 2020 - Season 6 on the theme Future Tech 2020 : Day 5 - **Next Generation of Blockchain**

Skycampus Digital Knowledge Series 2020 - Season 6 on the theme Future Tech 2020 : Day 4 - **Beyond Covid - Leading Through Change**

Skycampus Digital Knowledge Series 2020 - Season 6 on the theme Future Tech 2020 : Day 2 - **Global Mega Trends, Technologies & Covid 19 Impacting Sectors**

Skycampus Digital Knowledge Series 2020 - Season 6 on the theme Future Tech 2020 : Day 1 - **5G as an Enabler In Digital Transformation**

May 18, 2020 - Skycampus : Digital Knowledge Series : Season 5 : Day 5 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 5 : Day 4 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 5 : Day 3 - Expert Sessions (90 mins),

May 17 2020 - Skycampus : Digital Knowledge Series : Season 5 : Day 2 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 5 : Day 1 - Expert Sessions (90 mins),

Skycampus : Digital Knowledge Series : Super Session on the theme Good Teacher to Geat Teacher

Skycampus : Digital Knowledge Series : Season 4 : Day 5 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 4 : Day 2 - Expert Sessions (90 mins)

May 13, 2020 - Webinar on "Safeguarding Savings in Pandemic Times' by CA Pattabhi Ram, Author and Public Speaker, organized by the Post Graduate Department of Commerce – Shift II, in association with Prime Academy.

Skycampus : Digital Knowledge Series : Season 4 : Day 4 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 4 : Day 3 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 4 : Day 1 - Expert Sessions (90 mins)

Skycampus : Super Session on **THE POWER OF A TEACHER**

Skycampus : Digital Knowledge Series : Season 3 - Day 5 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 3 - Day 4 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 3 - Day 3 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 3 - Day 2 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 3 - Day 1 - Expert Sessions (90 mins)

Skycampus : Digital Knowledge Series : Season 1 - Session 9 titled **Digital Transformation in Enterprise**

Skycampus : Digital Knowledge Series : Season 1 - Session 8 titled **Design Thinking - Preparing the mind for disruption**

Skycampus : Digital Knowledge Series : Season 1 - Session 7 titled **Cybersecurity Essentials**

Skycampus : Digital Knowledge Series : Season 1 - Session 6 titled **Introduction to AI & ML**

Any other services provided / Positions held during your tenure as Teacher:

- Designed and maintaining the College website since 2009 till now

- Preparation of reports for AICTE Approval, NAAC Accreditation(SSR), Triennial Inspection of the University since 2009

- NAAC Coordinator for two successive cycles of Assessment in 2009 and 2015

- IQAC Member Secretary and Coordinator since 2015 till now

- Coordinator of Alumni association activities of the college since 2009

- Programme Coordinator for M.C.A (A.I.C.T.E Approved) since 1998 till 2019

- Programme Coordinator for Socially relevant Outreach Programme 'IT ON WHEELS' from 2001 to 2015

- Acted as Master of Ceremony for many International, National and local events held in Trichy related to College

- Participated as advisory member in building IT infrastructure of the college

- Contributed to Placement Training and Placements

- Acted as Secretary of Departmental Association for a few years.

Any other information :

Book Written:

Data Mining, Dr.K.Meena & N.Vijayalakshmi, P.R.Publications, 2017.

Award Won:

Eminent Teacher Award presented by Lady Hawk, Coimbatore for services rendered in promoting ICT based Learning with respect to Improving English Communication Skills among students and staff members of the college during 2020 Corona Pandemic.

Strengths:

- Good leadership skills

- Crisis Management

- Good communication and rapport building with organizations

- Coordinating events and people

- IT support and management

- Teaching, Learning and Assessment using ICT