Dr. N.JAYASHRI

W/o. G.Chandrasekar

F1, "PALLAV SOUNDARYA",I FLOOR
No.1 Alwar Nagar 1st Street,
Nanganallur
Chennai -600061
Mobile: (0)99940 15863

Email: -   **jayashrichandrasekar@yahoo.co.in**
jayashrichandrasekar2008@gmail.com

OBJECTIVE:

To apply my Knowledge and skills in the field of teaching & training.

EXPERIENCE:

15 years in IT Education and training.

Institution/Company	Role	Designation	From	To
NIIT Dharmapuri Centre, Dharmapuri	**Teaching and maintenance of the center including all accounts.**	**Faculty and Coordinator**	**May 1998**	**June 1999**
Aptech Computer Education, Dharmapuri	**Teaching and developing the soft wares**	**Faculty**	**June 1999**	**September 2000**
Nettur Technical Training Foundation – Information Technology Centre (NTTF-IT)- Bangalore	**Developing and training**	**Assistant Training Officer**	**September 2000**	**September 2001**
Bharathi Matriculation Higher Secondary School,	**Matriculation and Higher Secondary board**	**Computer Teacher**	**June 2006**	**May 2008**

Coimbatore				
S.D.A.V Higher Secondary School (A part of D.A.V School) Adambakkam, Chennai	CBSE board and higher Secondary board	Computer Teacher	April 2011	March 2015
SHEMFORD Futuristic School (A Unit Of ASSET), Hosur	Senior Secondary(CBSE)	Coordinator/Vice principal	April 2016	March 2018
Dr. M.G.R Educational and Research Institute, Maduravayal, Chennai	Handling UG/PG Courses	Assistant Professor	July2018	Till Date

EDUCATION:

S. No.	Degree	College / University	Year of Passing
1	Ph.D	Vels Institute of Science Technology and Advanced Studies (Formerly Vels University),	March-2021
2	M.Phil	Bharathiar University, Coimbatore	2009
3	M.C.A	Indira Gandhi National Open University, New Delhi	2005
4	PGDCA	Indira Gandhi National Open University, New Delhi	2004
5	Diploma in .NET Specifications (VB.Net and ASP.Net)	Aptech Computer Education, Coimbatore	2006
6	Diploma in	Lakhotia Computer Centre, Dharmapuri	2000

	Internet and Web designing Technology (DIWT)		
7	**Diploma in Visual FoxPro**	**National Institute of Computer and Engineering, Trichy**	**1998**
8	**B.Sc., [Computer Science])**	**Shrimati Indra Gandhi College, Bharathidasan University, Trichy**	**1998**

Areas of Interest : **Knowledge Management, Cloud Computing, Big Data, Machine learning,**

Subjects Handled
- Digital Computer Fundamentals
- Data Structures and Algorithms
- Operating System
- Artificial Intelligence
- Object Oriented Programming
- Visual Programming
- RDBMS
- Computer Network Management
- Data mining and Warehousing
- Network Security
- Cloud Computing
- Advanced Java Programming
- Knowledge Management
- Linux / Unix OS

PERSONAL DETAILS:

      Date of Birth : **04-06-1977**

      Nationality : **Indian**

      Languages : **English, Tamil, Hindi**

Marital Status	**:**	**Married**
Sex	**:**	**Female**
Permanent Address	**:**	**S2, "PALLAV SOUNDARYA",**
		No.1 Alwar Nagar 1st Street,
		Nanganallur
		Chennai -600061
Mobile	**:**	**(0)99940 15863**
E-Mail :		**jayashrichandrasekar@yahoo.co.in**
		jayashrichandrasekar2008@gmail.com

Responsibilities Held

- Worked for Accreditation inspections such as ISO, NAAC
- Guided Final year projects for BCA, MCA Students
- Coordinated students in Industrial Visits, Symposiums, National conferences, International Conferences, Workshops and various departmental activities
- Contributed for Department E-Library
- Motivated / Mentored weak students
- Trained students for interviews and online examinations
- Taking the role as online documentation and activities held.
- Worked as an organizing committee in conducting the Faculty development programs and students development programs.
- Taking the role for mentoring the students as NPTEL Coordinator
- Serving as a Journal Club Coordinator.

Other activities
- Participated and won awards in various cultural activities in the Institution

Publications:

Patents

1. "**ACCURACY OF OPEN -AIR TEMPERATURE PREDICTION BY SMART WEATHER MONITORING SYSTEM FOR EFFECTIVE ANALYTICS USING IoT DEVICES**", Application Number: 202041039505, Date of Filing: 12-09-2020, Date of Publication:25-09-2020

2. **"REALTIME DATA BASED HITECH CLASSROOM",** Application Number: 202141001263 A, Date of Filing: 11-01-2020, Date of Publication:15-01-2021.

3. **"WIFI –Projector",** Application Number: 338468-001 Date of Filing: 03-02-2021 08:40:24, waiting for GRANT

International Journals

1. "A Pragmatic Knowledge Engineering approach for integrating Knowledge Management with Ubiquitous Computing", Journal of Advanced Research in Dynamical & Control Systems, September 2017.(Scopus Indexed)

2. "Protected Data using Hybrid Algorithm in Cloud", International Journal of Engineering and Technology Science Publishing Corporation, June 2018. (**Scopus Indexed**)

3. "Knowledge Acquisition – Scholarly Foundations with Knowledge Management", International Journal of Advanced Studies of Scientific Research, Vol. 3, No. 12, 2018. (**Scopus Indexed**)

4. "Knowledge—Guru System Using Content Management for an Education Domain", International Conference On Computational Vision and Bio Inspired Computing, ICCVBIC 2018: New Trends in Computational Vision and Bio-inspired Computing pp 1591-1603 (**SPRINGER**)

5.   "Knowledge—Guru System Using Content Management for an Education Domain", Springer Nature Switzerland AG, Copyright Year 2020 – Submitted in the month of November 2019. (**Scopus Indexed**)

6.   "Ensemble Radio Frequency, Cloud Computing, Internet of Things (IoT) for an Accident Evasion System", International Journal of Advanced Science and Technology Vol. 29, No. 12s, (2020), pp. 354-357. (Scopus Indexed)

7.   "High performance hardware design of compressor adder in DA based FIR filters for hearing aids", International Journal of Speech Technology volume 23, pages 807–814(2020). (**Scopus Indexed**)

8.   "Collaborative Approaches for Security of Cloud and Knowledge Management Systems: Benefits and Risks", Security Incidents & Response Against Cyber Attacks @2021,Part of the **EAI/Springer Innovations in Communication and Computing book series (EAISICC)**,Pages 57-64.First Online 08 July 2021,
DOI https://doi.org/10.1007/978-3-030-69174-5_3,
Print ISBN 978-3-030-69173-8,
Online ISBN 978-3-030-69174-5

UGC Journal

a.   **"Attribute Based Encryption Approach with The Secured Cloud for an E-Health System", Purakala (ISSN:0971- 2143 Vol-31-Issue-33-May-2020, pp.290 – 296. (UGC CARE-LIST 1)**

International Conferences

1.   "Knowledge Acquisition –Scholarly Foundations with Knowledge Management", 4th International Conference on Cyber Security and privacy in communication networks (ICCS) , 2018

2. "Knowledge Guru System Using Content Management for an Education domain", International Conference on Computational Vision and Bio Inspired Computing. (ICCVBIC), 2018

3. "Accident Avoidance System Using RF, Cloud Computing and IoT Technologies", International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA) Powered by National Foundation for Entrepreneurship Development (NFED) Coimbatore, Tamil Nadu (28-29 February 2020)

4. "New Approaches in Commerce, Economics, Engineering, Humanities, Arts, Social Science and Management : Challenges and opportunities, Global Multidisciplinary Research & Academic Foundation (GMRAF), Salem, India, 26-Dec-2020,

Book Chapters

1. "POST COVID-19 RIGHT MASK FOR ENGINEERS – DEMANDS CROSS LEARNING", New Commerce, Economics, Engineering, Humanities, Arts, Social and Science Management Challenges and Opportunities, Global Multi-disciplinary Research & Academic Foundation (GMRAF), ISBN: 978-93-87865-44-0 ,Pages: 91 to 97, 26 December 2020.

2. "Tech Trends: Learn& Teach- beneath the Cloud", Tech Trends 2021: Issues and emerging challenges and changes in the Student centric learning and best innovative practices for quality enhancement in education,Global Multidisciplinary Research & Academic Foundation, (GMRAF) Chennai, Tamil Nadu, India, ISBN: 978-93-87665-77-8, Pages: 143 to 153,   13th March 2021."

3. " Cloud Computing Practices in Education", HAND BOOK ON LATEST TRENDS IN
ONLINE LEARNING, Published by DK International Research Foundation Perambalur, Tamilnadu, ISBN: 978-93-90956-37-1, Pages: 190 to 203, First Edition: April 2021.

4. "Web Security, Privacy and E- Commerce Business Computing", ACIMR 2021:

Applications of Computational Intelligence in Multidisciplinary Research publish by Elsevier- Accepted.

5. "Cloud Cryptography", Machine Learning Approach for Cloud Data Analytics in IoT: by Scrivener Publishing, Wiley Group- Accepted.

BOOKS

1. "**BLOCK CHAIN TECHNOLOGY**", Magestic Technology Solutions Pvt Ltd, ISBN: 975-81-947070-5-9

AWARDS

1. **BEST RESEARCHER NATIONAL AWARD**, IRDP Group of Journals, in the field of Teaching, Research and Publications on December 12th 2020

2. **GMRAF RESEARCH SCHOLAR EXCELLENCE AWARD,** Global Multidisciplinary Research & Academic Foundation (GMRAF), in the field of Research and Development, December 26th 2020

(Dr. N.Jayashri)