Curriculum Vitae

1. **Name**:   Dr D N Sujatha

2. **Date of Birth**:   10.04.1967

3. **Gender**:   Female

4. **Nationality**:   Indian

5. **Address for Communication:**

    Professor
    Dept. of Computer Applications
    B. M. S. College of Engineering
    P.O. Box No: 1908, Bull Temple Road
    Bangalore -560019, Karnataka, India.

    Office: +91 080 266130 to 135 Ext 5065
    Mobile Number: +91 9880333446

    E-mail: dns.mca@bmsce.ac.in

6. **Academic Qualifications**:

    Ph. D in Computer Science
    Year: 2009
    University: Bangalore University
    Area of Research: Computer Networks
    Specialization: Multimedia Applications - Video-on-Demand System
    Title: Design, Analysis & Performance Evaluation of Video-on-Demand System

    Master of Computer Applications
    Year: 1991
    University: Mysore University

    Bachelor of Science (PCM)
    Year: 1988
    University: Mysore University

7. **Area of Interest:** Multimedia Applications; Wireless & Adhoc Networks; Mobile Applications; Vehicular Adhoc Networks,; Sensor Networks, Internet of Things and Cyber Security

8. **Professional Experience:**

Teaching: 30 Years; Research: 19 Years

	From	**To**	**Institution**
Professor	16.06.2009	Till Date	BMS College of Engineering
Assistant Professor	22.01.1999	15.06.2009	BMS College of Engineering
Lecturer	28.09.1992	21.01.1999	BMS College of Engineering

9. **Current Positions:**

   1. Chief Coordinator, Institute Social Responsibility Cell, BMSCE [From 2021]

   2. Executive Director, Board of IT Education Standards [From 2016]

   3. "Innovation Cluster Lab (ICL)", Centre of Excellence in Internet of Things – A Joint Collaborative Lab between BMSCE & Industry Professionals [From 2014]

   4. Remote Center Coordinator: T10KT Program, National Mission for Education through Information & Communication Technology, Government of India in association with IIT-B & IIT-KGP [From 2012]

   5. Single Point of Contact: e-Shikshana – an Interactive e-Learning Platform, VTU [From 2018]

10. **Position held/ holding in various Boards/ Committees: Over 30+**

   1. Member, Expert Committee, AICTE, 2019

   2. Co – Chair Industry Institute Interface Expert Committee, Bangalore Chamber of Industry & Commerce [2017-18]

   3. Member, Expert Committee on Leadership & Women Empowerment, Bangalore Chamber of Industry & Commerce- 2016

   4. Member, Ph. D Registration Committee- VTU 2016

   5. Member, Advisory Board, MCA Program, Acharya Institute of Technology, Bengaluru and Dayananda Sagar College of Engineering, Bengaluru [2015 – 17]

   6. Member, Advisory Board, The World Academy of Research in Science and Engineering

   7. VTU Nominee, Board of Studies, MCA Programme, Malnad College of Engineering, Hassan [16-18] and Siddaganga Institute of Technology, Tumkur [17-19]

   8. Member, Board of Studies, Dayananda Sagar College of Engineering, Bengaluru [2015 17]

11. Conferences/ Reviewer: Over 25+

1. Co-Chair, Sponsorship, Bangalore Technology Conclave, 2021

2. General Co-Chair, IEEE Bangalore Section WiE Global Summit, 2020

3. Chair, IEEE Women in Engineering Leadership Summit, 2019

4. WiE Track Chair, IEEE Conference on Consumer Electronics Asia - 2017

5. Program Chair, IEEE Women in Engineering Leadership Summit - 2017

6. Local Organising Chair WiE Global Summit 2016

7. Co-Chair, WiE Mini-Conference during IEEE Advanced Networks & Telecommunication Systems-2016

8. Publication Chair of IEEE International Advanced Computing Conference – IACC 2015

9. Program Committee member of International Conference on Communication and Computing - 2014

10. Reviewer for International Journal of Computer Applications in Technology, Inderscience Publisher

11. Reviewer for International Journal of Computer Theory and Engineering

12. Reviewer for International Journal of Advanced Computer Science and Applications, The Science and Information Organisation

12. Panelist: Over 12+

1. "Ghar se Charcha: Work Paradigm in Pandemic Era – Impact on Men & Women" , 13th International Conference on COMmunication Systems & NETworkS , 2021

2. "Opportunities for Students in Pandemic Situation", Nokia University Conclave, 2020

3. "Impact of social media on human behaviour and society", IEEE PES Student Congress 2020

4. "Revival of Industrial Jobs in the age of Industrial Automation", Bangalore Chamber of Industry & Commerce, 2016.

5. "Challenges Faced by Women Engineers" during IEEE SYW Congress 2015

6. "Business Eco System: Issues, Challenges & Opportunities" during International Conference on Business Eco System-Challenges, Opportunities, Issues - 2015

13. Invited Talks: Over 50+

1. "AI Powered IoT for Intelligent Systems and Smart Applications" during Faculty Development Programme on "Triumvirate of Future IT-AI, IoT and Cloud Technologies" at Sri Sai Ram Institute of Technology, Chennai on 19th August 2021
2. "An Insight into IEEE & WiE Affinity Group" at Mphasis on 10th December, 2020
3. "Women in Engineering Tech Meet up", Online line Webinar Series, IEEE Bangladesh Section, 2020
4. "Staying Relevant with IEEE, Virtual IEEE Student Conclave", 2020
5. "Make Meaning in your professional career with IEEE", 2020
6. " Opportunities & Challenges for Women: A New Paradigm", BMRCL, Bangalore, 2018
7. "Wholesome Education for Students", IBM, Bangalore, 2018
8. "Artificial Intelligence: A New Perspective, National College", Jayanagar , Bangalore,
9. "Traits of Women Achievers ", GSSS, Mysore, 2017
10. "Work Life Balance", Amrita School of Engineering, Bangalore, 2016
11. "The Art of Technical Report Writing & Awareness on Plagiarism", Malnad College of Engineering, Hassan, 2015
12. "From Ideas to Publications", Vivekananda Institute of Technology, Bangalore, 2012

14. Professional Membership:

1. Senior Member, Association for Computing Machinery.
2. Senior Member, Institute of Electrical and Electronics Engineers.
3. Senior Member, International Association of Computer Science & Information Technology
4. Life Member, Indian Society for Technical Education.
5. Life Member, Advanced Computing & Communication Society.

15. Publications: Over **25** in International Journals and Conference Proceedings

1. "A Framework to Detect Hibiscus Flower using YOLOV3 and SSD Mobilenet", 2nd Int'l Conference on Data Science, Machine Learning & Applications, 2020 (ICDSMLA-2020) pp 699-705, 2021

2. Chapter Title : "Future of Sustainable Smart Cities - An Insight" ; Book Title: "Block chain and the Smart City", Paperback ISBN: 9780128244463; Publisher: Elsevier, pp. 17-34, 2021

16. Funds Received: Rs 21, 29,120 for T10KT Programs

1. From VTU-To setup e-Shikashana Facility-2019: Rs 45,000

2. From VTU-To setup e-Shikashana Facility-2018: Rs 25,000

3. From IITB & IITKGP for T10KT Program -2018: Rs 6000

4. From IITB & IITKGP for T10KT Program -2017: Rs 2,45,804

5. From IITB & IITKGP for T10KT Program -2016 : Rs 1,33,039

6. From WiE R10 for WiE Mini conference during IEEE ANTS 2016: $ 200

7. From IITB & IITKGP for T10KT Program -2015: Rs 2,87,757

8. From IITB towards improving A-View Infrastructure -2015: Rs 2,08,000

9. From IITB & IITKGP for T10KT Program -2014: Rs 6,60,717

10. From IITB & IITKGP for T10KT Program -2013: Rs 4,52,013

11. From WiE R10 for WiE Congress on Information Processing 2012: $ 270

12. From IITB & IITKGP for T10KT Program -2012: Rs 1,35,790

17. Awards:

1. IEEE Bangalore Section Outstanding Volunteer Award, 2021
2. IEEE India Council Outstanding Volunteer Award, 2020
3. Top Performer of IEEE Bangalore Section Execom 2020
4. Outstanding WiE Volunteer Award from IEEE Bangalore Section for 2019
5. Top Performing Remote Centre, 2016 [#]
6. Outstanding Branch Counsellor Award, 2014 from R10 IEEE
7. Best Branch Award: IEEE, Bangalore Section, 2013 *
8. Darrel Chong Student Activity Award for 2013 under Bronze Category*

* During my tenure as IEEE Student Branch Counsellor
# During my tenure as Remote Centre Coordinator

18. Others

1. Head, Department of Computer Applications, B M S College of Engineering   [1998-2002] and [2004- 2019].

2. Founder Chairperson of BMSCE-WIE affinity group [2011- till date]

3. Chair & Co-Chair, Students Activity Committee, IEEE Bangalore Section [2021, 20]

4. Chairperson , Woman in Engineering, IEEE Bangalore Section [2016 -17]

5. Branch Counsellor for BMSCE-IEEE Student Branch from [2012-14]

6. Authored a Book titled *"Performance Evaluation of Video-on-Demand System"*, by Lab Lambert Academic Publishing, Germany

7. Invited as Chief Guest & Guest of honour during various events

8. Session Chair in various International & National Conferences

9. Invited as Judge for various events like Entrepreneurship Boot Camp, Project Exhibitions

10. Invited as Judge for Asia, in MIT Inclusive Innovation Challenge [2018- 21]

Place: Bengaluru   (D N SUJATHA)