

Dr. Shridevi Soma

Father's Name : Annarao Soma

Date of Birth : 12-06-1969

**Permanent Address : Shridevi Soma, "ABHISHEK", Mahaveer Nagar, Near Kothari Bhavan,
Jewargi Road, Kalaburgi – 585 102**

Contact No. : 09449639017



Academic Experience: 15 years teaching experience as Instructor, 11 years teaching as Assistant Professor, 1 year teaching as Associate Professor, CSE Dept., P.D.A College of Engineering,

Details of Academic Experience:

1. Presently working as Professor in the Department of Computer Science and Engineering(CSE) at Poojya Doddappa Appa College of Engineering, Since 1st September 2017.
2. Taken the charge as Dean Research Activities from February 2022.
3. Working as PG Co-ordinator for M.Tech. Computer Science and Engineering Course in the Department of Computer Science and Engineering(CSE) at Poojya Doddappa Appa College of Engineering, Since 12th June 2015.
4. Worked as Associate Professor in the Department of Computer Science and Engineering(CSE) at Poojya Doddappa Appa College of Engineering, from 1st March to 31st Aug 2017.
5. Worked as Assistant Professor in the Department of Computer Science and Engineering(CSE) at Poojya Doddappa Appa College of Engineering, Since 14th Jan 2004.
6. Worked as Instructor in the Department of Computer Science and Engineering(CSE) at Poojya Doddappa Appa College of Engineering, Since 20th March 1988.

Academic Details:

Degree	Institute/Board/University	Year of Passing	Percentage	Class Obtained
Ph.D.(CSE)	Gulbarga University, Gulbarga	2016	---	---
M.Tech.(CSE)	P.D.A College of Engg. Kalburgi (Visveswaraya Technological University)	June 2010	CGPA : 8.9	FCD
B.E.(CSE)	K.B.N College of Engg.	June 2002	84%	FCD

	Kalburgi (Visveswaraya Technological University)			
Diploma (CSE)	H.K.E Society's Women's Polytechnic College, Kalburgi (Director of Technical Education, Bengaluru)	Jan 1988	70%	FCD
S.S.L.C	N.V.Kanya School, Kalburgi (Karnataka Secondary Board)	June 1984	56%	SC

Projects Guided :

- 1. Identification of growth rate of a leaf**
- 2. Vegetable Recognition System**
- 3. ALERT: Anonymous Location Based Efficient Routing Protocol in MANETS**
- 4. Content Sharing Over Smartphone based Delay Tolerant Networks**
- 5. Cloud based offline patching with secured image**
- 6. AADHAAR CARD AUTHENTICATION USING BIOMETRICS IN CLOUD COMPUTING**
- 7. ANALYSIS OF PSORIASIS SKIN DISEASE USING IMAGE PROCESSING TECHNIQUES.**
- 8. Wireless Sensor Networks Using Android Virtual Devices NFC Peer to Peer System**

List of Accepted/Published Papers

International Journals

1. "Identification of Growth Rate of Leaf", International Journal of emerging Technology and Advanced Engineering, Vol-3, Issue 7, July 2013, ISSN 2250-2459
2. "Classification of Document Image Components", International Journal of Engineering Research and Technology(IJERT), Vol. 2, Issue 10, October 2013, ISSN : 2278-0181, Reg. No : IJERTV2IS 100473
3. "Identification of Institutional Logo based on Wavelet Features", International Journal of Computer Applications (0975 – 8887) Volume 107 – No 15, December 2014 9
4. "Automatic Logo Recognition System from the Complex Document using Shape and Moment Invariant Features", International Journal of Advances in Computer Science and Technology, Vol 4 No.2, Page : 06-13(2015)
5. "A Shape feature based Identification of a Complex Document", International Journal of Computer Applications (0975 – 8887) National conference on Digital Image and Signal Processing, DISP 2015 1

6. "Aadhaar Card Authentication using Biometrics in Cloud Computing", International Journal of Research in Information Technology, Vol-2, Issue 10, Oct 2014, ISSN : 2001-5569
 7. "A Novel Real time Offline patching scheme with secured logging over cloud", International Journal of Science and Research, Volume 3 Issue 10, October 2014,ISSN (Online): 2319-7064
 8. "A Recommendation Based Efficient Secure discover-predict-deliver Content Sharing Scheme", International Journal of Computer Science and Information Technology, Vol-5, Issue 3, pp 4455-4462
 - 9."Concealed Weapon Detection in a Human Body by Infrared Imaging", Internation Journal of Science and Research, Vol 4, Issue 9, Sept. 2015
 10. "An Automated Fraud Detection of Hall Ticket in an Offline Examination System using ANN Classifier", International Journal of Computer Applications,(0975 – 8887) Volume 126 – No.8, September 2015.
 11. " Automatic Screening of Diabetic Maculopathy Using Image Processing: A Survey", International Journal of Technology and Human Interaction (IJTHI),(1548-3916), July 2019.
 12. "Bayes Probabilistic Based Fusion method for Image Inpainting", International Journal of Pattern Recognition and Artificial Intelligence, (0218-0014), January 2021.
1. "Color Histogram Approach for Analysis of Psoriasis Skin Disease", International Conference on Multimedia, Communication and Information Technology – MPCIT 2013, 19th-21st December 2013
 2. "Automatic Logo Recognition System from the Complex Document using Shape and Moment Invariant Features", International Conference on Computer Science and Information Technology (ICCSIT), Singapore, Feb 2015, ISBN : 978-93-5196-261-8, 9th Feb 2015
 3. "A Shape feature based Identification of a Complex Document", National Conference on Digital Image and Signal Processing (NCDISP – 2015), MAEER's Arts, Commerce and Science College, Pune, India, 12th and 13th Feb 2015

International/National Conferences

Conferences Attended

1. Recent Trends in Information Technology, at Sir MVIT, Bangalore, 2-3.08.2005
2. Advanced Multimedia Processing and Application, at RVCE, Bangalore, 28-29.10.2005
3. International Conference on Transformations in Engineering Education, BMS College of Engg., Bangalore, 6th to 8th January 2015.
4. 4th International Conference on Smart Systems and Inventive Technology (ICSSIT 2022) , January 2021.
5. Proceedings of Second International Conference on Advances in Computer Engineering and Communication System, Algorithms doe Intelligent, August 2021.
6. 2021 Fourth International Conference on Electrical, Computer and Communication Technologies (ICECCT), September 2021.
7. 5th International conference on smart computing and Informatics(SCI-2021),December 2021.

8. International conference on recent trends in machine learning and computing system(RTMCS-2021), December 2021.

9. First International Conference on Electrical Electronics Information and Communication Technologies, Feb 2022.

Grant Received

1. Received a Grant of Rs.40 Lakhs from Vision Group of Science & Technology (VGST) under KFIIST Level-2 for “Establishment of Cloud Computing Lab” for the Academic Year (2018-19)

Additional Responsibilities

1. Taken the charge as Dean Research Activities from February 2022.
2. Worked as member of various committees in PDACEG, including Confidential work at Exam section, Graduation-day, Technovision(Project exhibition), NIRVANA, CULFEST, Namma Campus Clean & Green Campus
3. Worked as Member of BOS, Information Science and Engineering(2011-14)
4. Working as Member of BOS & BOE, Computer Science and Engineering(2014-till date)
5. Worked as NBA Coordinator, CSE Department till September 2017
6. Working as PG Coordinator, M.Tech. CSE Course, CSE Department
7. Worked as IT Co-ordinator for SMART-CAMPUS
8. Monitoring Committee member for New Age Incubation Network (A State Government Scheme for Student innovative Project Ideas)

Achievements:

1. Best Performing Teacher Award for the academic year 2013-14

Work-Shops Attended

FOUR Weeks

1. Basics of Geo-informatics, sponsored by ISRO, at GUG, 2.01.2006 – 25.01.2006

TWO Weeks

1. Design and fabrication of Printed circuit boards, AICTE/ISTE, PDACEG, 27.01.93 - 7.02.93
2. Advanced Mathematics for Science and Engineering, AICTE/ISTE, PDACEG, 18.08.93 - 29.08.93

3. Real World DSP, CIT Gubbi, AICTE/ISTE, 15.7.2013 – 27.7.2013

ONE Week

1. Fuzzy Logic in Engineering, AICTE-ISTE, at Sir M.Visvesvaraya Institute of Technology, Bangalore, 22.3.2004 to 26.03.2004
2. Deep Dive Faculty Enablement Program held at **Infosys, Bangalore**, 22-06-2009 to 26-06-2009
3. Recent Trends in Intelligent Information Technology, NITK, Surathkal, 4-01-2010 to 8-01-2010
4. Faculty Enablement Program on the Industry Elective “Building Enterprise Applications” held at **Infosys, Bangalore and 30-07-2012 to 03-08-2012**
5. PC Troubleshooting, Networking and System Administration, ISE Dept. PDACEG, TEQIP, 3-04-2013 to 8-04-2013
6. Recent Advances in Communication and Signal Processing, E&CE Dept. PDACEG, TEQIP, 21-01-2013 to 25-01-2013
7. Cloud Computing Technology and Its Applications, CSE Dept, PDACEG, TEQIP, 20-03-2013 to 24-03-2013
8. Mathematics for Computer Engineers, ISTE, at Institute of Technology, Nirma University, Ahmadabad, Gujarat, 1-07-2013 to 5-07-2013
9. Wavelets and Applications, ISTE, at BLDEA’s PGH CET, Bijapur, 9-06-2014 to 13-06-2014
10. Performance Analysis of Computer Network, CSE Dept, PDACEG, 22-08-2014 to 26-08-2014
11. MATLAB and its Applications in Digital Image Processing and Pattern Reorganization, ISE Dept., PDACEG, 13-10-2014 to 17-10-2014

Faculty Development Programme

1. "Big Data and Hadoop" , PDACEK, 29th Feb - 4th March 2016.
2. "Bloom's Taxonomy: A taxonomy for Accreditation", M S Ramaiah Bangalore, 26th July 2016.
3. "World Class Institutes and Road Map to NBA" , PDACEK, 31st Aug 2016.
4. "Tools and Teaching, Learning and Research", REC Bhalki, Bidar , 25th - 30th Nov 2016 .
5. "Recent Trends in Information and Communications Technology", Gulbarga University, 6th Jan 2017.
6. "Featuring User Interfaces Using Python" , PDACEK, 24th - 26th March 2017.
7. "Data Analytics Using R" , PDACEK, 7th - 11th March 2017.
8. "Real-time Data warehousing & Visualization: tools & technologies", PDACEK, 25th - 26th March 2017.
9. "Software Testing & Quality Assurance" , PDACEK, 21th - 23rd March 2017.
10. "Use of E- resources for teaching & research" , PDACEK, 19th May 2017.

11. "Biomedical Signal Processing and Analysis for Cognitive Neuroscience study" , PDACEK, 1st - 2th jan 2018.
12. "One Week training Program on Power Electronics and Drives", PDACEK, 5th - 10th March 2018.
13. "Machine Intelligence for Data Analysis using Python" , PDACEK, 4th - 9th April 2018.
14. "A Transformational Approach for Quality Education" , PDACEK, 21st - 23rd June 2018.
15. "Hadoop in Secure Mobile Cloud for Bigdata Storage and Processing", JETIR, 1st July 2018.
16. "Discrete Mathematical Structures" , VTU Kalaburagi, 27th - 31st July 2018.
17. "New Model Curriculum for PG course (M.Tech/ MCA/ CBCS/MBA) detailed syllabus (2018-2019) as per outcome based education (OBE) format including course outcomes (CO) & Blooms Taxonomy", BNMIT, 06 Aug 2018.
18. Cyber Security and Forensic Investigation Tools & Techniques, ESCI, 22nd - 26th July 2019.
19. Symposium on Collaborative Research, Mysuru, 19th - 20th Aug 2019
20. Role of IoT in research & Industrial Applications, PDACEK, 23rd - 24th Aug 2019.
21. Professional Development Training, IIM Raipur, 26th - 30th Aug 2019.
22. Application of IOT technology with industry and smart city perspective, PDACEK, 17th - 21 august 2019.
23. All India council for technical education training and learning (ATAL) ACADEMY ONLINE FDP ON CYBER SECURITY, Chandigarh national institute of technical teachers training and research , 28 may -1 June 2020.
24. IOT trends and strategy with machine learning, VTU regional office kalaburagi, 30 Dec 2019 - 4th Jan 2020
25. Cyber forensics and cyber security, P.D.A.C.E Kalburagi, 15 to 19 June 2020.
26. Cyber Security and forensic (CSF -2K20), PDACEK, 7th - 11 Dec 2020.
27. IPR: Opportunities and Challenges, BIET Jhansi, 7th July 2020.
28. An insight to biomedical instrumentation, Bio medical signal and image processing with hands-on experience and lab view programming, ATAL , 2- 6 AUG 2021.
29. IPR and Patent Filing, VKIT, 14th June 2021

