Curriculum vitae

Dr. SREENIVASA B R
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VISION STATEMENT

My dream career path would be to work at a research institution where teaching and research are deeply intertwined. I enjoy creating knowledge via continuous investigations in my research areas, but I equally value passing knowledge onto students and others because it teaches, inspires, and promotes personal and societal growth. As a member of the faculty, I wish to cultivate my own teaching and research identities, assist students' learning and contribute to active collaboration among faculty members.

OBJECTIVES

- To provide outcome based education to the students.

- To instill students with intrinsic motivation to learn.

- To instill Positive Action principles into students' cognitive, affective and behavioral learning domains.

- To contribute to the teaching and achieving of core performance standards and outcomes - To improve students' behavior.

- Expand my research base by building relationships between the Faculty, the University, the community, and industry.

- Willing to accept challenges and Completion of task within the timeframe.

- Engaging in and providing chances for professional advancement, as well as seeking and providing guidance to meet teaching, research, and career goals.

- To prepare our students for professional work and development in modern business, industry, and communities.

EDUCATIONAL QUALIFICATION

1. **Ph.D.** in Computer Science & Engineering, Visvesvaraya Technological University, Belgaum, titled "**Personalized Recommendations for e-Commerce Applications using Machine Learning Techniques**", completed on February 2021.

2. **M.Tech. in Computer Science and Engineering** from University B.D.T College of Engineering, Davangere. (Affiliated to Davangere University, Davangere).

3. **B.E., in Computer Science and Engineering** from Bapuji Institute of Engineering & Technology with (Affiliated to Visveswaraya Technological University, Belgaum, Karnataka).

AWARDS

- Received 1st prize of rupees 50k in national level Inter-Collegiate event Competition conducted by Sookshmas e-Learning Pvt. Ltd under my guidance.
- M.Tech topper in the Department.
- Best Innovative Teacher Award.
- Received certificate of excellence for achieving 100% results continuously.
- Best Paper presentation award in International Conference ICICN-16.

PATENTS

"ARTIFICIAL INTELLIGENCE BASED INTERNET-OF-VEHICLES (IOV) SYSTEM TO PREVENT ROAD ACCIDENTS", APLLICATION NUMBER 202141011709 REFERENCE NUMBER 202141011709, RQ NUMBER-R20214009059, FILLING DATE 19/03/2021-INDIAN PATENT OFFICE.

RESEARCH INTEREST

- My primary goal is to deepen and extend my research areas, and promote industry-institute collaboration.
- I will seek to get grants from various funding agencies and publish my work on peer-reviewed journals.
- Guiding PhD students in various domains.
- Interested in Post-Doctoral Degree from Industry/Foreign universities.
- Plans to write book chapters and Books.

TEACHING INTEREST

- I would like to encourage active learning in my classroom.
- To actively involved in accreditation process like NBA, NAAC and AICTE.
- Love to take new challenging subject introduced in the university curriculum.
- Continue to be attentive to the needs of our communities (the public, our profession, academia, our university, our faculty, our students, and business and industry, as well as the environment).
- Maintain a professional, ethical, and courteous workplace that is mutually supportive and welcoming of diversity, and encourages communication, dialogue, and resource sharing whenever feasible.
- Passion to guide student's projects.

- Collaborate with Industry to cater myself to the changes and to bridge the gap between academia and industry.
- Imparting the knowledge to the students.

WORK EXPERIENCE:11 years

Summary

Up to present date (August 2021), I have a total work experience of 11 years in teaching which I enjoyed, learnt, acquired immense satisfaction and gained experience.

- **July 2021-Till date** currently working as **Associate Professor** in Dept. of Information Science & Engineering, **Bapuji Institute of Engineering & Technology**, Davangere, Karnataka, India.
- **June 2021-July 2021** Worked as **Associate Professor** in Dept. of Computer Science & Engineering, **Jain Institute of Technology,** Davangere, Karnataka, India.
- **Feb 2017-June 2021** Worked as **Assistant Professor** in Dept. of Computer Science & Engineering, **Jain Institute of Technology,** Davangere, Karnataka, India.
- **Aug 2010 – Feb 2017** Worked as **Assistant Professor** in Dept. of Computer Science & Engineering, **RajaRajeswari College of Engineering**, Bangalore, Karnataka, India.

RESPONSIBILITIES UNDERTAKEN

- ➢ Worked as **National Board of Accreditation** (NBA) Coordinator at college level at Jain Institute of Technology, Davanagere. (2017-2021).
- ➢ Worked as **National Board of Accreditation** (NBA) Coordinator at college level at Rajarajeswari College of Engineering, Bangalore. (2013-2017).
- ➢ Reviewer for Refereed International Journals.
- ➢ Worked as **NAAC** Coordinator at department level at Rajarajeswari College of Engineering, Bangalore. (2013-2017).
- ➢ Worked as **Convener** for the International Conference on Innovations in Computing and Networking-ICICN-16.
- ➢ Worked as **Convener** for "Frontiers of Computer Science "dated 6th-10th July 2020.
- ➢ Organized Various Symposiums/ FDP's/Workshops/STTP.
- ➢ Worked as Coordinator for College Magazine, JIT, Davangere.
- ➢ Worked as Editor for Department Newsletter, RRCE, Bangalore and JIT, Davangere.

PROFESSIONAL BODIES

- ➢ Life Member of ISTE- Member NO: LM 102368
- ➢ Member of the International Association of Engineers (IAENG) Member NO.: 126009.
- ➢ Member of the International Association of Computer Science and Information Technology (IACSIT) Member NO.: 80347782.
- ➢ Member of the Computer Science Teachers Association (CSTA) Member NO.: 2136908.
- ➢ Member of the IAEST.

PROJECT GRANTS

Grants from KSCST (Karnataka State Council for Science & Technology) for the project

1. Medi-Grantha: Recognition of Antidote Information from Image Using Image Processing Techniques
2. Efficient Hybrid Context Aware Recommendation System Using Machine Learning Techniques
3. Instacare: An Android Application for Healthcare System.
4. Automatic Range Timeline Generation for Volume Based Tweet Stream.

PROJECT GUIDED

For PG: 3 Students
For UG: 15 Batches

AREA OF INTEREST

Recommender System, Big Data Analytics, Data Mining, Networks Security, Wireless Sensor Networks, Database system, Algorithms .

JOURNALS/CONFERENCES

INTERNATIONAL:

- ➢ B. R. Sreenivasa and C. R. Nirmala, "Hybrid location-centric e-Commerce recommendation model using dynamic behavioral traits of customer," Iran J. Comput. Sci.,Springer Journal , vol. 2, no. 3, pp. 179–188, 2019, Doi: 10.1007/s42044-019- 00040-3.

- Sreenivasa B R, Dr. Nirmala C R," Personalized Location Based Recommendation Model Using Optimized Recurrent Neural Network", International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.6, Issue 2, Page No pp.843-853, June 2019, http://doi.one/10.1729/Journal.21820.

- Sreenivasa, B. R Nirmala, C. R." Hybrid Time Centric Recommendation Model for e-Commerce Applications Using Behavioral Traits of User". Journal of Information Technology and Management (Communicated).

- Sreenivasa, B. R Nirmala, C. R." User Session Specific Recommendation System for Online Shopping Portal", presented paper in International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2020., held during "25th and 26th September, 2020" in Nitte Meenakshi Institute of Technology, Bangalore, India.

- "Instacare: An Android Application for Healthcare System" IEEE International conference on Recent Trends in Computational Engineering and Technologies ICTRCET-18, Organized by department of CS&E, RRCE, Bengaluru on 17th -18th May 2018.

- "OCR-VR Wrapper Reader using Google Mobile vision SDK" IEEE International conference on Recent Trends in Computational Engineering and Technologies ICTRCET-18, Organized by department of CS&E, RRCE, Bengaluru on 17th -18th May 2018.

- "Automatic Range Timeline Generation for Volume Based Tweet Stream",1st International Conference on Innovations in Computing & Networking (ICICN-16) on May 12-13, 2016 and published in International Journal of Advanced Networking & Applications (IJANA). ISSN number: 0975-0290

- "Social Media Analytics for Business Analysis and Improved Decision Making", 1st International Conference on Innovations in Computing & Networking (ICICN-16) on May 12-13, 2016 and published in International Journal of Advanced Networking & Applications (IJANA). ISSN number: 0975-0290.

- "Improving Performance of Manet Under DSR Protocol Using Swarm Optimization to Avoid Redundancy" International Conference on Computer Networking and Information Processing, ICCNIP-2015, held at AMC engineering college Vol 1, No. 3, pages:258-263

- "A Safe and Power Professional Routing Technique in Adhoc Networks" Intentional conference on Cloud Computing and Service Engineering, CLUSE-2012, held on 12th-13th April-2012, Pages: 277-282, RRCE, B'lore.

- "Secured Localization in Mobile Wireless Ad Hoc And Sensor Networks "Intentional Conference on Networks and Cyber Security ICNCS, held on 5th -6th Jan-2012 at SRKIT, Vijayawada, A.P., Pages: 120-124.

NATIONAL:

- "Robust MapReduce Scheduling In shared Environment" National conference on Real time systems, NCRTS-2015 held at city engineering college on MAY 14th -15th, Page:5

- "Redundancy Management of Multipath Secure Routing for Intrusion Tolerance in Heterogeneous WSN", NCEEE-14, Page 89-90, held in HKBKCE on 5th June-2014.

- "Detection and Verification of Neighbor positions Using NPV in MANET" NCEEE-14, Page 84-85, held in HKBKCE on 5th June-2014.

- "A survey on Security in Adhoc Networks", NCETIT-12, Page 2, held in Don Bosco Institute of Engineering on 3rd -5th may 2012.

- "Hacker Detection in WSN", FCST'12, page 377-382, held in RRCE on 14th -15th February-2012.

- "On Selfish Routing in Internet-Like Environments", FCST'12, page 118-123, held in RRCE on 14th -15th February-2012.

- "Link and Rate Selection for Point-to-Point 60GHz Networks", FCST'12, Page 124, held in RRCE on 14th -15th February-2012.

- ➤ "Blind Authentication: A Secure Crypto-Biometric system Verification Protocol" held on 3rd-4th November-2011 at East West College of Eng, ETITM-2011, Page: 39.

- ➤ "Creating a win CE Based BSP Design for a controller" held on 3rd-4th November-2011 at East West College of Eng, ETITM-2011, and Page: 6, 3-4.

- ➤ "Secure Key Issuing Scheme for Peer-to-Peer Networks using Shamir's secret Scheme" held on 22nd-24th September-2011 at AIT, Bangalore, NACC-2011, Page 274-300.

WORKSHOPS/FDP/SEMINAR /CONFERENCE ORGANIZED

- ➤ Organized one-week short Term Training Program on "Frontiers of Computer Science" on 6th-10th July 2020 at JIT, Davangere.
- ➤ Conducted Two days workshop on "Data Science with PYTHON" on 15th -16th Feb 2018 at JIT, Davangere.
- ➤ Conducted One day Workshop on "Build Your Workshop Using Word Press" on 27th October 2017 at JIT, Davangere.
- ➤ Worked as Convener for the international Conference ICICN-16 organized by the Rajarajeswari College of Engineering, Bangalore.
- ➤ Conducted one week Faculty Development Programme on "Bridge the Gap-VTU CBCS Scheme" held on 19th -25th July 2016 at RajaRajeswari College of Engineering, Bangalore.

WORKSHOPS/WEBINNARS/FDP/SEMINARS ATTENDED

- ➤ Attended webinar on "Smart Irrigation using Internet of Things" jointly organized by Dept. of Civil Engg. & Computer Science & Engg. GMIT on 15/6/2020.
- ➤ Participated in webinar on "Yoga as Lifestyle and Preventive Medicine" conducted on 20 June 2020, by Department of Computer Science and Engineering on Topic
- ➤ Attended five days webinar on "Leading Edge in Industrial Practice "organized by Dept. of CS&E, KSSEM, Bangalore, from 10th to 14th august 2020.
- ➤ Attended Workshop on "NBA Accreditation" organized by VTU in collaboration with RRCE.
- ➤ Attended workshop on "**Industry Institute Innovation Interaction** "held at BIET, Davangere on 11th October 2017.
- ➤ Attended workshop on "**Network Simulator -3**" held on 11th -12th August 2017 at AIT, Bangalore.
- ➤ Three Days VTU sponsored Workshop on **Research Methodology** held at RRCE, Bangalore.

- Attended Two Days Workshop on "**Managing Big Data**" held at NMIT, Bangalore during 16th -17th 2015 under TEQIP-II.
- Attended Three Day Faculty Development Program **"Enhancing the Academic Skills"** as a resource person held on 26/12/14 to 28/12/14 at RajaRajeswari College of Engineering, Bangalore
- Attended two days Faculty Development Programme on "**Enhancing Life Skills**" held on January 2012 at RajaRajeswari College of Engineering, Bangalore.
- Attended two days Faculty Development Programme on **"INNOVATION TEACHING PRACTICES"** held on July 2012 at RajaRajeswari College of Engineering, Bangalore.

SUBJECTS HANDLED

PG Subjects: Cloud Computing, Managing Big-Data, Advanced in Computer Networks, Storage Area Networks.

UG Subjects: Computer Networks, Python Application Programming, Machine Learning, C-Programming, Data Structures, Analysis and Design of Algorithms, Unix and Shell Programming, Data Communication, Software Engineering, Object Oriented Modeling and Design, System Modeling and Simulation, Operation Research.