Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to VTU
Approved by AICTE
Accredited by NAAC with A+ Grade
6 Programs Accredited by NBA
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	**Mr.S.SARAVANAN**	
Academic Designation	**ASSISTANT PROFESSOR**	
Educational Qualification	**B.E., M.E., (PhD)**	
Experience in Years	**15 Years 6 Months**	
Area of Interest	**Deep Learning, Medical Image Analysis**	
Date of Birth		
Aadhar No		
PAN No		
Email ID	**saravana-csds@dsatm.edu.in**	

Educational Details

- Pursuing PhD in School of Computing, Amrita Vishwa Vidyapeetham, Chennai.
- Completed M.E., (C.S.E) with 8.41 (CGPA) Master Degree in Sona College of Technology, Salem, Anna University, Coimbatore on June 2010
- Completed B.E., (C.S.E) with 73% Bachelor Degree in Sona College of Technology, Salem, Anna University, Chennai on April 2005
- Completed DCT with 92.4% Diploma Degree in Maruthi Polytechnic College, Attur, State Board on April 2002

Personal Details

Father name : M. Subramani
Mother Name : S. Ramayee
Spouse Name : S.Bharathi
Date of birth : 08-06-1983
Marital Status : Married
Hobbies : Playing Cricket, listening Music
Permanent Address : 145, Nadar Street, singapuram (post), Vazhappadi (T.K), Salem (D.T),
Pin - 636115, Tamil Nadu.

Professional Experience

Experience as on January - 2024: 15 Years and 7 Months:

➢ Worked as Assistant Professor in the Department of Computer Science and Engineering at KL University, Vaddeswaram, Vijayawada (NIRF Rank -28) since 20th June 2022 to 23-01-2024 (1Year, 7 Months)

➢ Worked as Assistant Professor in Department of Information Technology at Kongunadu College of Engineering and Technology, Thottiam since 4 th June 2018 to 17.06.2022. (4Y, 1M)

➢ Worked as Assistant Professor in Department of Computer Science and Engineering at KSR Institute for Engineering and Technology, Thiruchencode since 5 th December 2016 to 30th May 2018. (1Y,6M)

➢ Worked as Assistant Professor in Department of Computer Science and Engineering at Paavai College of Technology, Namakkal from 01 June 2010 to 08 May 2015. (4Y, 11M)

➢ Worked as Lecturer and Research assistant in Department of Computer Science and Engineering at Sona College of Technology, Salem since 8 th March 2006 to 31st August 2008. (2Y, 6M)

Publications

Journal Publication Summary :

- Dr. K. Muthumanickam, K. Baskar, P. Vijayalakshmi, S. Saravanan, "Quality of Service Based Differentiation Quotient for Data Delivery in WSN: A Performance improvement", applied for publication in Ad HOC & Sensor Wireless Networks, Available, (Under-Review).

- Prem Kumar M, Kanegonda Ravi Chythanya, P. Dineshkumar, Saravanan S, Subhra Chakraborty, "Swarm Intelligence-Based Energy-Centric Clustering and Routing in WSN", 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT), IEEE Xplore on 22 January 2024.

- S.Saravanan, R. Akalya, C. Poorviga, P. Kabila, B, Tamilelvi, "Task Scheduling with Cron job using Cloud Brain", Journal of Operating Systems Development and Trends, ISSN 2454- 9355, Volume 8, Issue-1, May 2021.

- Palanikumar R, Saravanan S, "Recommendation System for cloud resources to impaired vision students through collaborative filtering", International Journal of Control and Automation , Vol. 13, No. 4, (2020), pp.134 - 143, ISSN: 2005-4297, 2020.

- Saravanan.S, Anand.N and Sowdeswaran.K "Intelligence System for Retail using Bot Technology", Grenze International Journal of Engineering and Technology, Special issue, May 2019.

- Saravanan, Inbavalli, Madhumitha , Nithiya "Detecting Automated Toll Card and Vehicle Comparision Using Image Steganography", IJAREEIE Vol. 8, Issue 2, February 2019.

- Hemamalini. S, MichaelRaj T.F, Prabu.M and Saravanan.S: "A Novel Approach for Knowledge Mining from Graphs using Semantic Search", International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 20 (2014) pp. 6699-6706.

Book Publications:

- Published a book entitled "Soft Computing", in Rest Publishers Ltd., India. (ISBN No. : 978-81-960524-9-2), Authors Namely: Dr. G. Ramasubba Reddy, SVSV Prasad Sanaboina, B. Rupa Devi, S.Saravanan, Dr. C. Sateesh kumar Reddy.

- Published a book entitled "Data warehousing and Data mining", in The Charulatha Publications, Chennai. (ISBN No. : 978-93-90967-41-4), Authors Namely: S.Saravanan, R.Palanikumar.

Patent Registered:

- Registered a Patent Dr. A. N. Arularasan, Saravanan S, Dr. V. Pradeep Kumar, Dr. C Vijay Kumar, Mr. S Niresh Kumar, Ms.B.Hemalatha, "Cloud-Based Social Virtual Reality IOT Network With Device Synchronisation Between The Real And Virtual Worlds", on 01-09-2023 at The Controller of Patents, The Patent Office, Chennai.

• Registered a Patent Dr. Geevagondanahalli Narayanappa Keshava Murthy, Dr. Rekha Hanumanthappa, Dr. Asokan Ramasamy, Shanthini Sakthivel, Saravanan Subramani, Dr.Achyutha Prasad Narasimhaiah, Sangeetha Subramaniam, "Automatic Biological Vermi Compost Maker", on 11th July 2023 at Adam Williams, Comptroller-General of Patents, Designs and Trade Marks Intellectual Property Office, UK.
International Conferences: 6 **National Conferences:** 3

Conference Attended

Mr. S. Saravanan, AP, Department of Information Technology has presented paper entitled "Face Identification with Multiparty access in NetBanking Environment using Iterative closet path algorithms" in International Conference on Information Science and Renewable energy source – 2019 at Selvam College of Technology,Namakkal on 7th and 8th March 2019.

S.Saravanan, R. Akalya, C. Poorviga, P. Kabila, B, Tamilelvi, "Task Scheduling with Cron job using Cloud Brain", in the 3rd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19) held on 20th February 2020 at Kongunadu College of Engineering and Technology, Trichy.

Mr. S. Saravanan, AP, Department of Information Technology has participated and Presented a paper entitled "Task Scheduling with Cron job using Cloud Brain", in the 2nd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19) held on 23rd March 2019 at Kongunadu College of Engineering and Technology, Trichy.

Mr. S. Saravanan, AP, Department of Information Technology has participated and Presented a paper entitled "Intelligence System for Retail Using BOT Technology" in the 2nd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19) held on 23rd March 2019 at Kongunadu College of Engineering and Technology, Trichy.

Mr. S. Saravanan, AP, Department of Information Technology has participated and Presented a paper entitled "Detecting Automated Toll Card and Vehicle Comparison using Image Steganography" in the 2nd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'19) held on 23rd March 2019 at Kongunadu College of Engineering and Technology, Trichy.

Mr.S.Saravanan, AP of Information Technology department attended International Virtual conference on Artificial Intelligence, 5G Communications and Network Technologies (ICA5NT 2022) with title of " Heart Disease Prediction using Machine Learning Techniques", held on 28 & 29 April 2022 organized by department of ECE, Velammal Institute of Technology, Chennai.

Awards

- Completed Coursera course "Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning", on 24th February 2023, offered by Deeplearning.AI.
- Completed NPTEL course on "Java Programming" with Silver + Elite Certificate and came Topper in top 5% of students list, which is organized by IIT, Madras on July – October 2018.
- Completed Global Certificate on "Oracle Certified Associate" on 26 July 2023.
- Department of Bio-Technology funding was sanctioned for National Level One Day Seminar.
- Completed NPTEL course on "Introduction to Internet of Things", secured 90% of Marks with Gold + Elite Certificate which is organized by IIT, Madras on Jan – Apr 2019.
- Completed NPTEL course on "Joy of Computing using Python", secured 90% of Marks with Gold + Elite Certificate which is organized by IIT, Madras on July – October 2018.
- Received Certificate for mentor of team BITS 'N' BYTES1 for Participated on "Smart India Hackathon 2020".
- Achieved professional excellence and got appreciation certificate in the field of "Research and Development and Java Project Development" at Sona College of Technology.
- Got certificate for Mentor of the team "SonaSoftGuys" for participating in "The Great Mind Challenge-2008 and 2009" National Software Development Program by IBM.

Academic Activity

- Act as department Exam Cell In-charge, acting important role on conduction of university exams.
- Act as NAAC Criteria – 6 In-charge in department level.
- Act as department organizer of Student Activity Center, motivate the student to involve in outreach activities.
- Acted as department academic and administrative files In-charge.
- Acted as department placement coordinator to handled students' placement training and placement details.
- Acted as department NAAC criteria– 1 and NBA– 1 and 3 coordinator to prepared criteria related data's
- Acted as department active mentor for "Smart India Hackathon" team.
- Acted as students' counselor and class advisor to care about their welfare relevant to personal and study.
- Acted as students' skill development activity In-charge like internship, in-plant and industrial training

Faculty Development Activity/Workshops

- Participated and Successfully completed "Pedagogy Training Programme" held at Sona College of Technology on Dec 2007 and Jan 2008.*
- Attended National Level Workshop on "Software Testing Tools" in Jayam College of Engineering and Technology, Dharmapuri.*
- Participated in the One-Day seminar on "Security Issues in Modern Computing Era" Organized by CSI Coimbatore chapter on 18 Dec 2008.
- Attended in the NSTEDB and EDI sponsored "ENTREPRENEURSHIP AWARENESS CAMP" conducted at Bannari Amman Institute of Technology, by the school of Management Studies and Industry Institute partnership cell.*
- Participated in National level technical seminar on "NACSIS'09" in Sona College of Technology, Salem.
- Organized National level technical seminar on "NACSIS'09" in Sona College of Technology, Salem.
- Mr. S. Saravanan, AP, Department of Information Technology attended One Day National Level Workshop on "Writing Successful Proposal to Funding Agencies" held at KSR Institute for Engineering and Technology, Tiruchengode on 31st Aug 2018.

- Mr. S. Saravanan, AP, Department of Information Technology attended two day workshop on "Blockchain and Deep learning: A Technology for future Artificial Intelligence" held at Kongunadu college of Engineering and Technology, Thottiyam on 12th & 13th Oct 2018.
- Mr. S. Saravanan, AP, Department of Information Technology attended one week National Level FDP on 'Advanced Data Analysis' held at Bannariamman Institute of Technology, Sathiyamankalam and sponsored by AICTE on 3rd to 8th Dec 2018.
- Mr. S. Saravanan, AP, Department of Information Technology attended one week FDP on 'NBA Accreditation" held at Kongunadu college of Engineering and Technology, Thottiyam on 23rd & 24th Nov 2018.
- Mr. S. Saravanan, AP, Department of Information Technology attended one day seminar on "ELearning and MOOCs for Higher Education" held at ANNA University, Chennai on 14th September 2019.
- Mr. S. Saravanan, AP, Department of Information Technology attended Two week FDP on "Big Data Analytics and Machine Learning" held at Annamacharya Institute of Technology and Science, Rajampet during 18th - 30th Nov 2019.
- Mr. S. Saravanan, AP, Department of Information Technology Participated in AICET Training and Learning(ATAL) academy sponsored short term course on "Artificial Intelligence: Concept and Application" held at Department of ECE, IIITDM, Kancheepuram, Chennai during 4th – 8th Dec 2019.
- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended DBT Sponsored One day National level Online Seminar on "Optimization of Machine Learning Algorithms for Better Healthcare Service" on 17-08-2022 Organized by Department of IT, Kongunadu College of Engineering and Technology, Thottiam.

- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended Online FDP on "Artificial Intelligence and Robotic Process Automation" from 12-09-2022 to 17-09-2022 Organized by department of ECM, KL University, Vijayawada.

- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended Online FDP on "Artificial Intelligence Powered Internet of Things" on 24-09-2022 Organized by department of CSE, KL University, Vijayawada.
- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended Online FDP on "Data Science and Chat GPT " on 15th May 2023 to 19th May 2023 Organized by ExcelR Solution joined with department of Skilling, KL University, Vijayawada.

- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended Online FDP on " AI & ML Based Approaches and their Applications " on 28th March to 1st April 2023 Organized by School of Computer Science and Engineering, VIT-AP University, Amaravati.

- Mr.S.Saravanan, AP of Computer Science and Information Technology department attended Online FDP on "Java Programming" on January to April 2023 Organized by SWAYAM, NPTEL.

Contact Details

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Permanent Address : 145, Nadar Street, singapuram (post), Vazhappadi (T.K), Salem (D.T),
                    Pin - 636115, Tamil Nadu.