

Dr.S.JAYANTHI

Assistant Professor & Head Incharge

Mail ID : sjayanthi.aut@gmail.com

- Research Area: Image processing

- Educational Qualifications:

Qualification	Department	Year (From -To)	Percentage	Class
Ph.D	CSE	2015-2020		
M.Tech(Advanced Computing)	CSE	2000-2002	8.46(CGPA)	FIRST Class With Distinction
B.E(CSE)	CSE	1993-1997	65.9	First Class
HSC		1991-1993	85.7	First Class
SSLC		1991	88.2	First Class

- Experience: (22 Years)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
		DD-MM-YYYY	DD-MM-YYYY	
University College of Engineering Ariyalur	Assistant Professor	25-11-2009	Till date	12 yrs
Anna University of Technology Trichy	Lecturer	01-09-2008	24-11-2009	1y 2m
JJ College of Engg. and Tech	Assistant Professor	01-06-2004	26-08-2008	4y 2m
Pavendar Bharathidasan College of Engg. and Tech.	Assistant Professor	16-06-2003	19-02-2004	8m
SRM Engg. College	Lecturer	31-12-2002	20-02-2003	1m 21d
Kongu Engg. College	Lecturer	19-01-2000	31-08-2001	1y 7m
J.J.College of Engg. and Tech.	Lecturer	29-12-1997	23-07-1999	1y 6m

- Additional / Academic Responsibilities at University:

  Acted as Head Incharge /CSE during 2009 -2012.
  Acting as R & D Coordinator from 2012 to Tilldate.
  Acted as Faculty Advisor during 2008 – 2012.
  Acted as Project coordinator in the year 2012 , 2015 and 2019.
  Acted as Affiliation Inspection Committee Member
  Acting as Head Incharge /CSE from 2020 to Tilldate.

- Professional Activities:

  Lectures, seminars, tutorials, Practicals, contact hours undertaken as percentage of lectures allocated.

  Preparation and imparting of knowledge by providing presentations and CD shows.

  Organized Personality Development Programme in the department during 2011.

  Organized One Day Webinar on" Concepts in Machine Learning using Python" during

  2020.

  Organized and Conducted Three Days Internal training Programme on " Basics of MS-

  Office Automation" during 2020.

  Organized and conducted One Day workshop with hands – on training in " Basics of Data Science using Python" on 8th April 2022.

- Completed B.E/M.E Projects:

  a. Number of ME Projects Completed: 15
  b. Number of BE Projects Completed: 30

- Sponsored Research Activities:

PROJECT NAME : Automatic Reconstruction of 3D scenes from Moving Pictures.

Duration: 1 Year
Role:Principal Investigator
Agency : Centre for Technology Development and Transfer , AU, Chennai.
Amount: Rs.44,000.

- List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)

  - Two week Programme on "ZEAL Leadership Course " conducted at Kongu Engineering College, Erode on Dec 2000.
  - National Conference on "e-Education" organized by J.J College of Engineering , trichy on 27th and 28th August 2004.
  - National Seminar on " Mobile Computing " organized by E.M.G. Yadava Women's College, Madurai on 24th and 25th Sep 2004.
  - AICTE sponsored workshop on " Network Security " organized by Kongu Engineering College,Erode from 28th and 29th Oct 2004.
  - AICTE Sponsored Seminar on "Advances in Computer Engineering and Networking " organized by PSNA College of Engineering and Technology, dindigul on 20th & 21st June 2008.
  - National Conference on "Distributed and Soft Computing " at J.J. College of Engineering and Technology, trichy during 1st and 2nd March 2007.
  - One day workshop on " J2EE Technologies " organized by Sudharsan Engineering College , Pudukkottai on 10th March 2007.
  - One day workshop on " Network Simulator" organized by Sudharsan Engineering College , Pudukkottai on 17th March 2007

- Training Programme in “Free / Open Source Software “ organized by Centre for Academic Excellence , Anna University of Technology , trichy between 28th and 1st August 2008.

- Two days Programme on “ MATLAB programming “organized by MIT Campus, Anna University Chennai Conducted during 23rd - 24th June 2012. (2 days)

- CSIR Sponsored two- day National Seminar on “ Fuzzy Mathematical Modelling and Optimizqation Techgniques “ organized by Anna University of Technology , trichy during 27th - 28th July 2011. (2 days)

- UGC Sponsored Short term Course on “ Research Methodology , Techniques of Writing Research Articles and Thesis Preparation “ organized by MIT Campus, Anna University Chennai on 2nd March 2013. (1 day)

- TEQIP II Sponsored one week Faculty development programme on “ Digital Image Processing “ organized by BIT Campus , trichy during 25.07.2013 - 31.07.2013. (7 days)
- Technology Exhibition organized by Centre for Technology Development and Transfer, Anna University Chennai during 13th and 14th May 2013.(2 days)
- One day workshop on “ Applications of Mathematical Models in Digital Image Processing “ held during 30th Sep 2015 organized by University College of Engineering Dindigul. (1 day)

- Two days Faculty Development Programme on “ Embedded Systems Laboratory “ organized by Saranathan College of Engineering , trichy during 22nd and 23rd June 2017. (2 days)

- AICTE Sponsored two weeks Faculty Development Programme on “ IOT(Internet of Things) Issues and Challenges “ organized by M.A.M College of Engineering during 6th November – 19th November 2017. (14 days)

- UGC sponsored Refresher Course on "Computer Science and its Applications" organized by UGC-Human Resource Development Centre , Bharathidasan University, Khajamalai Campus, Trichy during 2nd March – 22nd March 2018. (21 days)
- Online NPTEL 12 weeks Programme on " Introduction to Machine Learning " during August to October 2018.
- Online Two weeks FDP on " Data science for all " organized by E & ICT Academy in association with IIT Bombay during 27th July 2020 - 8th August 2020.
- Online Two days Webinar on IOT security (WISE) organized by C-DAC, SETS on 28th and 29th August 2020.
- ONLINE One week Programme on "OUTCOME based Education PHASE II FOR technical Institutions " during November 16th to Nov 21st 2020.
- Online Three weeks Industrial Training Programme on " Networking and Communication Technologies" conducted by BSNL Training division ,Chennai during 18/12/2020 to 10/01/2021.
- Online Faculty Development Programme on " **Basics of Bio-Informatics** " organized by E & ICT Academy, NIT Warangal in association with University College of Engineering Bharathidasan Institute of Technology Campus , Tiruchirappalli during 26th May to 4th June 2021.

- Online AICTE /ISTE sponsored Refresher Programme " Medical Data Analytics with Python " organized by Anna University , Regional centre Tirunelveli during 4th January to 10th January 2022.
- Online Five days Faculty Development Programme on " Inculcating **Universal Human Values** in Technical eduction" organized by AICTE , NewDelhi during 28th February to 4th March 2022.

➢ International Conferences Participated:

I. ICIRS (2014), "Automatic Reconstruction of 3D scenes from moving pictures" ", International Conference on Innovative Research and Solutions, organized by Bharath University during 12th April 2014.

II. Presented and Published research paper entitled ," Performance Improvement of Satellite Image classification using versatile supervised Multi-spectral Approach", in the 5th International Conference on Green Technologies for Power Generation Communication and Instrumentation(ICGPC) during 3rd & 4th April 2019, pp: 42.

- Publications :

a. International Journals:

III. Published research paper entitled , " Automatic Reconstruction of 3D scenes from moving pictures" in the Journal of Innovative Research and Solutions (JIRAS) during April 2014.

IV. Published research paper entitled , " Advanced Satellite Image Classification of various resolution image using a Novel approach of deep neural network classifier" in the International Journal of Wireless personal Communications , Springer, vol.104, pp:357-372 during January 2019.

V. Published research paper entitled , " Performance Improvement in Satellite Image classification using Adaptive supervised Multi-Resolution Approach" in the International Journal of Computer Communications ,Vol .150,pp: 200-208 (Impact factor – 2.766) during November 2019.

- Conferences

a. National Conferences:

Presented and Published research paper entitled ," Synchronized Kerberos Authentication System" in the National Conference on "CYBER CRIME & Security Management " at Kongu Engineering College, Erode during 2nd November to 4th November 2007.