Name: **Dr.B.PANJAVARNAM**	

Designation:	ASSOCIATE PROFESSOR

Qualification:	M.E,PhD

Area of specialization:	Biomedical Engineering, Long Term Evolution Networks, Wireless Networks-4G and 5G, Telemedicine, Image Processing

Experience : (As On December 2022)	**Industrial Experience**	**Teaching Experience**
	-	22.6

Number of workshop / FDP attended:	**Number of Workshops**	**Number of FDPs**
	14	12

Publications:	**Conference**		**Journal**	
	National	**International**	**National**	**International**
	5	8	2	1

Patents:	**National**	**International**
	2	-

Professional Body Membership:	IETE, IEEE, ISTE

Staff Achievements:	Submitted one DST proposal and one Indo-Portugal Proposal Eminent Researcher Award(I2OR-2020) Academic Excellence Award(Green Thinkerz-2021) ATAL Best mentor Award-2021 100 % Results 10-Times-UG 5 Time-PG		
Community Engagement	1. Conference paper reviewer(ICCST-22) 2. Technical Program Committee Member of Future Trend in Internet of Things (IoT 2020) 3. Technical Program Committee Member of Women in Healthcare Technologies (WITH) 4. Technical Program Committee Member of Women in Science & Engineering (WISE) 5. Technical Program Committee Member of Advances of Artificial Intelligence and Data Science for Detection, Prevention and Treatment of COVID-19 Pandemic		
College and Department level Responsibilities	1. College Alumni President – Co-ordinating all the departments regarding all the Alumni activities including Alumni meet, Alumni guest lectures, Alumni interactions..etc 2. Department Alumni and Higher studies in- charge.(15 years) 3. Class Coordinator (Batches: 2005-2009,2010-2014, 2013-2017, 2016-2020, 2019-2023 and mentor for 15 students from the same batches. 4. Cultural coordinator-more than 8 times 5. NBA criteria 4- file in-charge of alumni and higher studies 6. Project Coordinator-for batches 2014,2017, 2020 and few earlier batches too. 7. TIES 15 - One of the team member. 8. Symposium coordinator- ZENISTA'12 9. Organized FDP on Embedded and Real time systems on 6th to 13th June 2016. 10. Active member of all the college activities anytime.		

Workshop Details:	Sl. No	Title	Venue	Month/Year

	1	WEBINAR ON MACHINE LEARNING IN WIRELESS COMMUNICATION: 5G AND BEYOND WEBINAR ON MACHINE LEARNING IN WIRELESS COMMUNICATION: 5G AND BEYOND	IETE CHENNAI CENTRE	9TH DECEMBER 2022
	2	RAPID PROTOTYPING- IOT AND EMBEDDED SYSTEM DESIGN	DEPARTMENT OF ECE, SRI SAI RAM ENGINEERING COLLEGE IN COLLABORATION WITH **M/S.DIGITAL SHARK TECHNOLOGY PVT. LTD, BENGALURU UNDER TEXAS INSTRUMENTS**	12TH TO 14TH NOVEMBR 2018
	3	CONFERENCE TUTORIAL ON MULTICORE ARCHITECHTURES	MIT, ANNA UNIVERSITY, CHENNAI.	1 6th MARCH 2017
	4	WORKSHOP ON EMERGING TRENDS AND FUTURE PERSPECTIVE IN IMAGE PROCESSESING AND COMPUTER VISION	DEPARTMENT OF ECE, SRI SAIRAM INGINERRING COLLEGE	4th to 6th JUNE 2017

	5	WORKSHOP ON INTERNET OF THINGS (IoT)	MIT, ANNA UNIVERSITY, CHENNAI.	5th to 6th JANUARY 2016
	6	WORKSHOP ON RECENT RESEARCH TECHNIQUES IN NEXT GENERATION WIRELESS TECHNOLOGIES	CEG, GUINDY CHENNAI	21st -22nd August 2015
	7	WORKSHOP ON CONVEX OPTIMIZATION AND RANDOM PROCESSES FOR WIRELESS COMMUNICATION SYSTEMS	THIAGARAJAR COLLEGE OF ENGINEERING	5th to 7th March 2015
	8	WORKSHOP ON SIGNAL PROCESSENG AND APPLICATIONS	UNIVERISTY COLLEGE OF ENGINEERING KANCHEEPURAM	5th February 2014
	9	AUTHOR WORKSHOP ON BOOK/JOURNAL PUBLISHING	CEG,GUINDY, ANNA UNIVERSITY.	24th Sep2014

	10	WORKSHOP ON LTE-A	MIT, ANNA UNIVERSITY, CHENNAI.	10th to 11th October 2014
	11	NATIONAL LEVEL WORKSHOP ON WORK LIFE BALANCE FOR ENGINEERING AND MANAGEMENT FACULTY	SRI SAIRAM ENGINEERING	16th to 22nd FEB 2012
	12	WORKSHOP ON ART OF JOURNAL AND THESIS WRITING	SRI SAIRAM ENGINEERING	19TH JAN 2012
	13	INTERNATIONAL WORKSHOP ON BIOMEDICAL SCIENCES AND TECHNOLOGIES	ANNA UNIVERSITY	2nd to 4th MARCH 2011
	14	NATIONAL WORKSHOP ON 'RECENT TRENDS IN WIRELESS INFORMATION NETWORK AND SYSTEM'	SRI SAIRAM ENGINEERING COLLEG	1ST FEBRUARY 2008
	Sl. No	**Title**	**Venue**	**Month/Year**

FDP Details:	1	STAFF DEVELOPMENT PROGRAMME ON INSTRUCTIONAL DESIGN & DELIVERY	SRI SAIRAM ENGINEERING COLLEGE	12TH MAY 2008
	2	VIRTUAL INSTRUMENTATION IN INDUSTRIAL AUTOMATION	SRI SAIRAM ENGINEERING COLLEGE	JUNE 24TH AND 25TH 2011
	3	SDP ON INFORMATION IN TELEMEDICINE & E-HEALTH	SRI SAIRAM ENGINEERING COLLEGE	9TH TO 21ST JULY 2007
	4	98th INDIAN SCIENCE CONGRESS	SRM UNIVERSITY	3rd to 7th JAN 2011
	5	NATIONAL CONFERENCE ON SIGNAL PROCESSING COMMUNICATION AND VLSI DESIGN	AUT COIMBATORE	MAY 6TH &7TH 2011
	6	ENGINEERING & MANAGEMENT TEACHING STRATEGIES FOR EXCELLENCE	SRI SAIRAM INSTITUTE OF MANAGEMENT STUDIES	29TH& 30TH DECEMBER 2014

	7	ENTREPRENEURSHIP CAREER DEVELOPMENT PROGRAM	SRI SAIRAM INSTITUTE OF MANAGEMENT STUDIES	8TH TO 12TH APRIL 2019
	8	FDP ON ELECTRON DEVICES, MICROPROCESSORS AND IMAGE PROCESSING	SRM VALLIAMMAI ENGINEERING COLLEGE	11TH TO 15TH MAY 2020
	9	FDP ON GET READY FOR AI WITH MATLAB AND SIMULINK	SRI SAIRAM ENGINEERING COLLEGE	18TH TO 20TH JUNE 2020
	10	FDP ON "3D PRINTING & DESIGN"	EXCEL ENGINEERING COLLEGE.	19TH OCTOBER TO 23RD OCTOBER 2020
	11	FDP ON "TOWARDS 5G COMMUNICATIONS & BEYOND WITH IOT, MACHINE LEARNING" FROM	OA COLLEGE OF ENGINEERING	23RD NOVEMBER TO 27TH NOVEMBER 2020
	12	FDP ON AUGMENTED REALITY AND VIRTUAL REALITY	SRI SAIRAM ENGINEERING COLLEGE	27TH TO 29TH MAY 2020
Conference Publication Details:	**Sl. No.**	**Title**	**Venue**	**Month/Year**
	1	NATIONAL CONFERENCE ON ADVANCEMENT IN EMERGING TECHNOLOGIES	MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE	JANUARY 25, 2008
	2	3rd NATIONAL CONFERENCE ON SIGNAL PROCESSING , COMMUNICATION AND VLSI DESIN	ANNA UNIVERSITY OF TECHNOLOGY COIMBATORE	MAY6&7 2011
	3	NATIONAL CONERENCE ON RECENT ADVANCES IN WIRELESS COMMUNICATION FOR	ANNAMALAI UNIVERSITY CHIDAMBARAM	OCTOBER 22, 2016

		THE DESIGN OF SMART ANTENNAS		
	4	SECOND INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATIONS TECHNOLOGIES - ICCCT'17	SRI SAIRAM ENGINEERING COLLEGE	FEBRUARY 23& 24 2017
	5	4TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, COMMUNICATIONS AND NETWORKING (*ICSCN* - 2017)	MIT, ANNA UNIVERISTY CHENNAI	MARCH 16 -18 2017
	6	NINTH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (ICOAC)	MIT, ANNA UNIVERISTY CHENNAI	14 – 16 December 2017.
	7	IC3IOT-2ND INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND INTERNET OF THINGS	SRI SAIRAM ENGINEERING COLLEGE, CHENNAI	20-22-FEBRUARY 2020
	8	IEEE INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES IN COMPUTING, ELECTRICAL AND ELECTRONICS (ICSTCEE),	REVA UNIVERSITY, BANGALURU	October 2020.
	9	AI-POWERED ROBOTICS AND COVID-19: CHALLENGES AND OPPORTUNITIES	CHAPTER 6, CRC PRESS, TAYLOR & FRANCIS GROUP, USA,	2020.
	10	OPPORTUNITIES OF ADOPTING AI- POWERED ROBOTICS TO TACKLE COVID-19", 2020.	IEEE 13TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS)	2020

	11	AUTOMATIC HEALTH MACHINE FOR COVID-19 AND OTHER EMERGENCIES",	IEEE 13TH INTERNATIONAL CONFERENCE ON COMMUNICATION SYSTEMS & NETWORKS (COMSNETS),	2020.
	12	AUTOIMPILO:SMART AUTOMATED HEALTH MACHINE USING IOT TO IMPROVE TELEMEDICINE AND TELEHEALTH	IEEE INTERNATIONAL CONFERENCE ON SMART TECHNOLOGIES IN COMPUTING, ELECTRICAL AND ELECTRONICS (ICSTCEE),	2020, PP.487-493.

Journal Details:	Sl.No.	Title	Journal Name	Volume/Date
	1	Non-invasive Blood group Detection	JETIR/UGC	VOLUME 6, ISSUE 5, MAY 2019
	2	Quality of Service Optimization of Ultrasound video streaming over LTE network	TEST	VOLUME 82, JAN-FEB 2020
	3	"Quality of Service Analysis of Video Streaming in 4G-LTE for Telemedicine Applications: An Experimental Learning with Game Theory Approach", 2020.	The International Journal of Electrical Engineering & Education (IJEEE), SAGE	April 2020

Patent Detail	Sl.No.	Title	Journal Name	Volume/Date
	1	-"Method and Computing Device for Implementing Video Super Resolution in Real-time and Non-real Time	Indian Patent	December 2020. Filing Number – 202041052684
	2	Method and Automated Health Machine For Providing Healthcare Services To Patients Using IoT"	Indian Patent	October 2020. Filing Number – 202041047240.