

**FACULTY PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS
TILL 2016**

S.NO	NAME OF THE FACULTY	LIST OF AUTHORS	TITLE	JOURNAL IN WHICH IT WAS PUBLISHED	
1	N. AKSHAY	K. JEEVAN KUMAR ,	MULTICHANNEL DATA ACQUISITION AND CONTROL SYSTEM USING LabVIEW	INTERNATIONAL JOURNAL OF EMBEDDED & VLSI SYSTEM	VOLUME 3, ISSUE 12 DEC 2014
2	P.VENKATA GOPI KUMAR		C BOUNDED MODEL CHECKER TO DETECT UNSPECIFIED EXPRESSION IN FREERTOS	CVR JOURNAL OF SCIENCE AND TECHNOLOGY	VOLUME 7,DECEMBER 2014
3	K.SUDHA RANI	N.VENKATA RAO,T.C.SARMA,K.SATYA PRASAD	DISCRETE WAVELET TRANSFORM IN IMAGE COMPRESSION USING LABVIEW		2014
4	NAREGALKAR AKSHAY	K.UDAY SRAVANTH,RAHUL VARANASI,J.ANKITHA REDDY	REAL TIME AUTOMATED CONTROL OF INDUSTRIAL PROCESSES WITH PLC-LABVIEW COMMUNICATION	INTERNATIONAL JOURNAL FOR RESEARCH IN SCIENCE AND ADVANCED TECHNOLOGY	VOLUME 1,ISSUE 1,035-038
5	R MANJULASRI	M RAGUPATHY REDDY,K.M.M RAO	IMAGE PROCESSING FOR IDENTIFYING DIFFERENT STAGES OF DIABETIC RETINOPATHY	INTERNATIONAL JOURNAL OF RECENT TRENDS IN ENGINEERING AND TECHNOLOGY	VOLUME 11,JUNE 2014
6	CH. SURESH KUMAR	MOHAMMED WAJID ALI	MODELING AND CONTROL OF A MULTI-COMPONENT CONTINUOUS CRUDE DISTILLATION COLUMN USING LABVIEW	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ELECTRICAL, ELECTRONICS AND INSTRUMENTATION ENGINEERING	VOL. 3, ISSUE 11, NOVEMBER 2014
7	H RENUKA	KURUSANGAM SALEEM	DESIGN AND EFFICIENCY COMPARISON OF SYNCHRONOUS BUCK CONVERTER WITH	INTERNATIONAL JOURNAL OF INNOVATION IN ENGINEERING	2015

			P,PI,PID CONTROLLERS	AND TECHNOLOGY	
8	N. AKSHAY	SOLLETI SANTHOSH KUMAR	A ROBUST AND SECURE APPROACH TO TRANSFER A SECRET IMAGE USING REVERSIBLE COLOR TRANSFORMATIONS FOR CONFIDENTIALITY	INTERNATIONAL JOURNAL OF PROFESSIONAL ENGINEERING STUDIES	VOLUME V,ISSUE 5 ,OCT 2015
9	MR. S.PRANAVANAND	DR. A. RAHUGRAM	OPTIMIZATION OF THE THERMAL TRANSFER CAPABILITY OF SINGLE FLUID HEAT TRANSFER SYSTEM (SFHTS) USING LABVIEW	ISOI, JOURNAL	VOLUME 42, SEP, 2015
10	S.PRANAVANAND	DR. A. RAHUGRAM	CONCURRENT OPTIMIZATION OF THE THERMAL TRANSFER CAPABILITY AND LEVEL CONTROL CAPABILITY OF SINGLE FLUID HEAT TRANSFER SYSTEM (SFHTS) USING LABVIEWHEAT TRANSFER SYSTEM	IETE JOURNAL OF RESEARCH	2016
11	B.SUPRAJA	JAYACHANDRA PRASAD TALARI ,RAVI NIRLAKALLA	ANALYSIS OF LOW POWER AND HIGH SPEED PHASE FREQUENCY DETECTORS FOR PHASE LOCKED LOOP DESIGN	ELSEVIER PROCEDIA COMPUTER SCIENCE	VOL. 57, PP: 1081-1087 2015.

12	B.SUPRAJA	JAYACHANDRA PRASAD TALARI ,RAVI NIRLAKALLA	NOVEL DESIGNS FOR EFFICIENT PFD AND CHARGE PUMP DESIGNS FOR PHASE LOCKED LOOP	IJCTA	VOL. 8, NO.1, PP: 151-161,2015.
13	B.SUPRAJA	JAYACHANDRA PRASAD TALARI ,RAVI NIRLAKALLA	A PHASE FREQUENCY DETECTOR AND CHARGE PUMP DESIGN TO REDUCE CURRENT MISMATCH OF PLL	IJAER	Vol: 10, No. 59, pp: 427-431, 2015.
14	B.SUPRAJA	JAYACHANDRA PRASAD TALARI ,RAVI NIRLAKALLA	A HYBRID DIVIDE – 16 FREQUENCY DIVIDER DESIGN FOR LOW POWER LOCKED LOOP DESIGN	SPRINGER AISC SERIES, ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING	VOL 397, PP: 491-499, 2015

**FACULTY PUBLICATIONS IN NATIONAL AND INTERNATIONAL CONFERENCES
TILL 2016**

S.N O	NAME OF THE AUTHOR	LIST OF OTHER AUTHORS	TITLE	ORGANIZED BY	PLACE AND DATE
1	K SUDHARANI	A SURESH, M V KIRAN	A NOVEL ENERGY MANAGEMENT SYSTEM IN SUGAR INDUSTRY AT CO-GENERATION PLANT	COMPUTATIONAL INTELLIGENCE AND COMPUTING RESEARCH (ICCIC), 2014 IEEE INTERNATIONAL CONFERENCE ON	COIMBATORE, TAMILNADU, 18-20 DEC. 2014
2	J JYOTHIRMAI		ROUTE MAP BASED LOCOMOTIVE POSITION TRACKING SYSTEM	INTERNATIONAL CONFERENCE ON PHOTONICS,VLSI AND SIGNAL PROCESSING	WARNGAL,28, 29 OF MARCH 2014
3	A. SURESH	M. V. KIRAN , CH. SURESH KUMAR	DESIGN PID CONTROLLER FOR TITO PROCESS BASED ON LEAST SQUARE OPTIMIZATION TUNING METHOD	COMPUTATIONAL INTELLIGENCE AND COMPUTING RESEARCH (ICCIC), 2014 IEEE INTERNATIONAL CONFERENCE ON	COIMBATORE ,TAMILANADU, 2014.
4	PAVANI LAKSHMI.A		NON-INVASIVE METHOD FOR DIFFERENTIATING MALIGNANT AND BENIGN TUMOURS, BY THE OPTIMIZATION OF VISUAL DEMONSTRATION OF MRI SCANS, USING VIRTUAL INSTRUMENT	SIGNAL AND INFORMATION PROCESSING (GLOBALSIP), 2014 IEEE GLOBAL CONFERENCE ON	ATLANTA, GA, 3-5 DEC. 2014
5	R MANJULA SRI	V RAJESH	EARLY DETECTION OF DIABETIC RETINOPATHY FROM RETINAL FUNDUS IMAGES USING EIGEN VALUE ANALYSIS	INTERNATIONAL CONFERENCE ON CONTROL ,INSTRUMENTATION,C OMMUNICATION AND COMPUTATIONAL TECHNOLOGIES	DECEMBER 18- 19,2015
6	J JYOTHIRMAI		TECHNOLOGY FOR EDUCATION	IEEE INTERNATIONAL CONFERENCE ON TECHNOLOGY FOR	WARANGAL,10- 12 DECEMBER 2015

				EDUCATION	
7	H RENUKA	J.JYOTHIRMA I	DESIGN AND EFFICIENCY COMPARISON OF SYNCHRONOUS BUCK CONVERTER WITH P,PI,PID CONTROLLERS	INTERNATIONAL CONFERENCE ON PARADIGMS IN ENGINEERING AND TECHNOLOGY	KUMARAGURU COLLEGE OF TECHNOLOGY, COIMBATORE , OCTOBER 30 TH &31 ST 2015
8	V SUMALATHA	K.SANDHYA RANI,M HARIKRISHN A,L.RAJA SHEKAR REDDY	MODELING A MIMO SYSTEM WITH AN ARX MODEL AND INPUT-OUTPUT DATA WITH NOISE	INTERNATIONAL CONFERENCE ON CONTROL ,INSTRUMENTATION,C COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES	DECEMBER 18- 19,2015
9	K SUDHARANI	DR.T.C SARMA,DR.K. SATYA PRASAD	BRAIN STROKE DETECTION USING K- NEAREST NEIGHBOUR AND MINIMUM MEAN DISTANCE TECNIQUE	INTERNATIONAL CONFERENCE ON CONTROL ,INSTRUMENTATION,C COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES	DECEMBER 18- 19,2015
10	K SUDHARANI	DR.T.C SARMA,DR.K. SATYA PRASAD	INTELLIGENT BRAIN TUMOR LESION CLASSIFICATION AND IDENTIFICATION FROM MRI IMAGES USING K- NN TECHNIQUE	INTERNATIONAL CONFERENCE ON CONTROL ,INSTRUMENTATION,C COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES	DECEMBER 18- 19,2015
11	K SUDHARANI	DR.T.C SARMA,DR.K. SATYA PRASAD	ADVANCED MORPHOLOGICA L TECHNIQUE FOR AUTOMATIC BRAIN TUMOR DETECTION AND EVALUATION OF STATISTICAL PARAMETERS	INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN ENGINEERING ,SCIENCE AND TECHNOLOGY	DECEMBER, 26 TH ,2015
12	AKSHAY NAREGALKAR	B.HARISH ,S DHANORKAR, B L RAJU	FPGA IMPLEMENTATIO N OF MULTIPLIERLESS 5/3 LEGAL DISCRETE WAVELET TRANSFORM USING LIFTING APPROACH	INTERNATIONAL CONFERENCE AND WORKSHOP ON EMERGING TRENDS IN TECHNOLOGY	FEB 2011
13	AKSHAY NAREGALKAR	HARISH BODDAPATI, RAJU B L	NOVEL ASYNCHRONOUS ADDERS	INTERNATIONAL CONFERENCE AND WORKSHOP ON	FEB 2011

				EMERGING TRENDS IN TECHNOLOGY	
14	MS B.SRILAXMI	DR A VIMALA JULIET,MS R BAKIYALAKS HMI	LEVEL CONTROL OF PILOT PROCESS USING A VIRTUAL PID CONTROLLER AND UPGRADATION FROM WIRED DAQ TO WIRELESS DAQ	PROCEEDINGS OF TECHNICAL CONFERENCE ON CURRENT ACADEMIC RESEARCH IN COMMUNICATION AND NETWORKING	2011
15	A ADITHYA KASHYAP	B.PRASAD RAO,M SANJAY	STEAM AND CONDENSATE CONTROL IN PAPER MANUFACTURIN G PROCESS USING LABVIEW	ISOI	2014
16	K.VIJAY CHANDRA	K.RASHMI	DETECTION OF CORNEAL DESEASES USING NI VISION ASSISTANT IN LABVIEW	INTERNATIONAL CONFERENCE ON CONTROL ,INSTRUMENTATION,C OMMUNICATION AND COMPUTATIONAL TECHNOLOGIES	DECEMBER 18- 19,2015
17	K.VIJAY CHANDRA		RESTORATION OF X RAY IMAGES USING LABVIEW	INTERNATIONAL CONFERENCE ON RESEARCH ADVANCES IN ENGINEERING ,SCIENCE & INFORMATION TECHNOLOGY(ICRAESI T 2015)	BVRIET,DECEM BER 15 TH & 16 th 2015
18	K.VIJAY CHANDRA		IMAGE COMPRESSION WITH DCT USING LABVIEW	INTERNATIONAL CONFERENCE ON RESEARCH ADVANCES IN ENGINEERING ,SCIENCE & INFORMATION TECHNOLOGY(ICRAESI T 2015)	BVRIET,DECEM BER 15 TH & 16 th 2015
19	MR. S.PRANAVANAN D	DR. A. RAHUGRAM	MATHEMATICAL MODELING AND DEVELOPMENT OF INTELLIGENT CONTROLLERS FOR AMELIORATING THE	IEEE INTERNATIONAL CONFERENCE OF ROBOTICS AND INTELLIGENT SENSORS, MALAYSIA	MALAYSIA, 18 TH TO 20 TH OCT 2015

			PERFORMANCE OF SINGLE FLUID HEAT TRANSFER SYSTEM USING LABVIEW		
20	S.PRANAVANAND	DR. A. RAHUGRAM	DEVELOPMENT OF DIFFERENT CONTROLLERS USING VIRTUAL INSTRUMENTS TO BOLSTER THE PERFORMANCE OF SINGLE FLUID HEAT TRANSFER SYSTEM	IEEE INTERNATIONAL CONFERENCE ON COMPUTATION AND CONTROL, KERALA	19 TH TO 21 ST NOV, 2015, TRIVANDRUM, KERALA
21	S.PRANAVANAND	DR. A. RAHUGRAM	IMPLEMENTATION OF SM CONTROLLER AND FBL CONTROLLER TO CONTROL THE OPERATION OF SINGLE FLUID HEAT TRANSFER SYSTEM	IEEE- INDICON, DELHI	17 TH TO 20 TH ,DEC 2015
22	S.PRANAVANAND	DR. A. RAHUGRAM	DEVELOPMENT OF SLIDING MODE AND FEEDBACK LINEARIZATION CONTROLLERS FOR THE SINGLE FLUID HEAT TRANSFER SYSTEM	INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, KOLKATA	30 TH TO 31 ST OCT, 2015
23	NAREGALKAR AKSHAY	M PRAVEEN KUMAR,B HARISH,SUJATA DHANORKAR	AN EFFICIENT APPROACH FOR SENSOR DEPLOYMENTS IN WIRELESS SENSOR	IEEE	2015

			NETWORK		
24	V.NAGESWAR	Y.PADMASAI ,K.SUBBA RAO	DESIGN AND IMPLEMENTATIO N OF DATA ACQUISITION SYSTEM FOR EE ANALYSIS	2016 6 TH CONFERENCE ON ADVANCED COMPUTING	BHIMAVARAM, FEB 2016
25	J JYOTHIRMAI		DESIGN AND EFFICIENCY COMPARISON OF SYNCHRONOUS BUCK CONVERTER WITH P,PI,PID CONTROLLERS	INTERNATIONAL CONFERENCE ON PARADIGMS IN ENGINEERING AND TECHNOLOGY	HYDERABAD, 2 ND AND 3 RD MARCH 2016