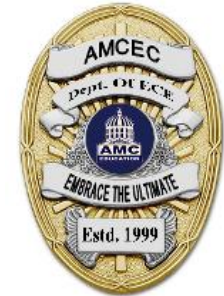




AMC ENGINEERING COLLEGE

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)
18th KM, Bannerghatta Road, Bangaluru-560083



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Journal Publication Details of Faculty -2017-2018

SL.NO	NAME OF FACULTY	TITLE	JOURNAL	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISBN	DOI	H-INDEX	IMPACT FACTOR
1	BHOOMIKA AWASTHI	IMPROVED POWER-UP RESET CIRCUIT FOR EMBEDDED SYSTEM	IJETAE	7	10		2017	October	2250-2459		1	4.027

Journal Publication Details of Faculty -2016

SL.NO	NAME OF FACULTY	TITLE	JOURNAL	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISSN	DOI	H-INDEX	IMPACT FACTOR
1	J. JENITTA	ENSEMBLE EMPIRICAL MODE DECOMPOSITION-BASED OPTIMIMISED POWER LINE INTERFERENCE REMOVAL ALGORITHM FOR ECG SIGNAL	IET	10	6	583 – 591	2016	DEC	ISSN 1751-9675	10.1049/iet-spr.2015.0292	28	1.298
2	L.SWETHARANI	CHANNEL AWARE SUM RATE MAXIMIZATION (CASRM) ALGORITHM FOR MIMO CELLULAR NETWORKS	INTERNATIONAL JOURNAL OF ENHANCED RESEARCH IN SCIENCE, TECHNOLOGY & ENGINEERING	5	7	102-110	2016	July	ISSN: 2319-7463,		NA	4.059
3	SAVITA PATIL	MULTICAST CONVENTIONS TO IMPROVE OBSTACLE DETECTION AND COLLISION AVOIDANCE IN MANET	IJAEMS	2	6	798-807	2016	June	ISSN 2454-1311		5	3.661

4	BHOOMIKA AWASTHI	A REVIEW OF MAXIMUM POWER POINT TRACKING TECHNIQUES FOR PHOTOVOLTAIC SYSTEM	IJER	5	6	539-545	2016	June	ISSN:2319-6890(online),2347-5013(print)	10.17950/ijer/v5s6/625	13	0.475
5	BHOOMIKA AWASTHI	COST OPTIMIZATION OF SPV SYSTEM	IJETAE	6	6	174-180	2016	June	ISSN 2250-2459	-	1	4.027
6	BHOOMIKA AWASTHI	MODELING OF SOLAR PHOTOVOLTAIC MODULE AND STUDY PARAMETER VARIATION EFFECT USING MATLAB/SIMULINK	IJITCE	6	9	378-381	2016	Sep	ISSN:2045-8711			0.61
7	J.SHANTHI	HIGH ELECTRON MOBILITY TRANSISTOR	IJIRST	3	5	103-114	2016	October	ISSN 2349-6010		9	4.37

8	RANJITH KUMAR	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTI LIFT MAIN SERIES PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	IJAER	10	44	3183 6- 3183 8	201 6		10.1109/ICCPCT.2016.7 530242		13	4.396
9	DR.MANJUNATH RAMACHANDRA	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTI LIFT MAIN SERIES PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	IJAER	10	44		201 6		10.1109/ICCPCT.2016.7 530242		13	4.396
10	BIBIN SHALINI	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTI LIFT MAIN SERIES PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	IJAER	10	44		201 6		10.1109/ICCPCT.2016.7 530242		13	4.396

11	SARANYA	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTI LIFT MAIN SERIES PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	IJAER	10	44		2016		10.1109/ICCPCT.2016.7530242		13	4.396
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Journal Publication Details of Faculty -2015

SL.NO	NAME OF FACULTY	TITLE	JOURNAL	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISBN	DOI	H-INDEX	IMPACT FACTOR
1	N.V.UMA REDDY	A 20 GHZ HIGH SPEED MIXED MODESIGNALR-2R DAC	IJSER	6	1		2015	Jan	ISSN 2229-5518		38	3.8
2	N.V.UMA REDDY	AN ENERY EFFICIENT ,DELAY-AWARE ,LIFETIME-BALANCING AND DATA COLLECTION PROTOCOL FOR HETEROGENEOUS WIRELESS SENSOR NETWORKS	IJSCE	5	2	113-116	2015	May				

3	N.V.UMA REDDY	MODIFICATION OF L3 LEARNING SWITCH CODE FOR FIREWALL FUNCTIONALITY IN POX CONTROLLER (WORKING ON SDN WITH MININET)	IJRET	4	6	513-518	2015	June	eISSN: 2319-1163 pISSN: 2321-7308			
4	J. JENITTA	AN OPTIMIZED BASELINE WANDER REMOVAL ALGORITHM BASED ON ENSEMBLE EMPIRICAL MODE DECOMPOSITION	IAENG	42	2	95-106	2015	April	819656X, 18199224		11	0.75
5	VIKRAM.R	A SECURE FRAGMENTED MOSAIC ENCRYPTION FOR SECURE IMAGE TRANSMISSION	IJRMBS	2	2	56-58	2015	June	ISSN 2348-893X			1.652
6	THANUJA	DIGITAL COPYRIGHT PROTECTION OF H.264 VIDEO AND ENCRPYTED SCHEME	IJERR	3	2	66-70	2015	June	ISSN 2348-697X			
7	NAEEM AHMED	APPLYING HIDDEN MARKOV MODEL TECHNIQUE IN CSMMI FOR ACTION AND GESTURE RECOGNITION	IJERT	3	19	77-79	2015	May	ISSN 22t8-0181		14	1.76

8	SHANTHI.J	VISION ENABLED MOBILE ROBOT USING LAB VIEW	IJAER	10	5	4834- 4839	2015	May	ISSN 0973- 4562	13	4.396
9	VEENA.S.K	AN EFFICIENT PATH DETECTION AND DIRECTION DETECTION FOR WSN	IJISSET	2	7	591- 595	2015	July	ISSN 2348- 7968		
10	FEMILA T CINTHU	PREDICTION ERROR CLUSTERING AND RANDOM PERMUTATION FOR IMPROVED COMPRESSION RATIOS IN ENCRYPTION-THEN – COMPRESSION SYSTEM	IJRMBS	2	2	53-55	2015	April	ISSN 2348- 8931		1.652
11	SUKANYA PRASAD.T	A HIGHLY RELIABLE AND HOP EFFICIENT ROUTING MECHANISM FOR WSN	IJISSET	2	8	16-22	2015	July	2348-7968		
12	PRATHIBHA KIRAN	A NOVEL METHOD FOR ANALYSIS OF EEG SIGNALS USING BRAIN WAVE DATA ANALYZER	IJSCE	5	2	98- 100	2015	May			

13	G.SENBAGAVALLI	A SECURE FRAGMENTED MOSAIC ENCRYPTION FOR SECURE IMAGE TRANSMISSION	IJRMBS	2	2	56-58	2015	June	ISSN 2348- 893X			1.652
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Conference Publication Details of Faculty -2017-18

SL.NO	NAME OF FACULTY	TITLE	CONFERENCE	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISBN	DOI	H-INDEX	IMPACT FACTOR
1	DR. N.V.UMAREDDY	MODIFICATION OF L2 LEARNING SWITCH CODE FOR FIREWALL FUNCTIONALITY IN POX CONTROLLER (WORKING ON SDN WITH MININET)	SPRINGER	718		103-114	2017	Dec	978-981-10-7656-5	https://doi.org/10.1007/978-981-10-7656-5_12		0.49
2	DR.N.V.UMAREDDY	MODIFICATION OF L2 LEARNING SWITCH CODE FOR FIREWALL FUNCTIONALITY IN POX CONTROLLER	SPRINGER	718		103-114	2017	December	Online ISBN978-981-10-7656-5	https://doi.org/10.1007/978-981-10-7656-5_12		
3	N.V.UMAREDDY	A NOVEL APPROACH TO MONITOR AND ANALYZE THE USAGE AND PREDICTION OF REQUIREMENT OF FUEL FOR CLUSTER OF GENERATOR SETS	IEEE XPLORE DIGITAL LIBRARY				2017	Jan	ISBN 978-1-5090-1285-5	10.1109/INVENTIVE.2016.7824857		

4	N.V.UMAREDDY	SMART ATM SECURITY SYSTEM USING FPR,GSM,GPS	IEEE XPLORE DIGITAL LIBRARY				2017	Jan	978-1-5090-1285-5	10.1109/INVENTIVE.2016.7830093		
5	J.JENITTA	AMENDED FAST FOURIER TRANSFORM ALGORITHM IMPLEMENTATION FOR ERROR CORRECTION CODES IN OFDM	IEEE XPLORE DIGITAL LIBRARY				2018	March	Electronic ISBN: 978-1-5386-0374-1	10.1109/I2C2.2017.8321856		
6	J.JENITTA	AMENDED FAST FOURIER TRANSFORM ALGORITHM IMPLEMENTATION FOR ERROR CORRECTION CODES IN OFDM	INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL (I2C2)				2017	June	Electronic ISBN: 978-1-5386-0374-1	10.1109/I2C2.2017.8321856		
7	BHOOMIKA AWASTHI	MODELING OF SOLAR PHOTOVOLTAIC MODULE AND STUDY PARAMETER VARIATION EFFECT USING MATLAB/SIMULINK	IEEE XPLORE DIGITAL LIBRARY				2017	May	ISBN: 978-1-4673-9084-2	10.1109/ICCCCM.2016.7918239		

8	G.SENBAGAVALLI	HEAD UP DISPLAY FOR PERTINENT INFORMATION ABOUT ENVIRONMENT AND OTHER RELATED OBJECTS	INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL (I2C2),IEEE DIGITAL LIBRARY				2017	June	Electronic ISBN: 978-1-5386-0374-1	DOI: 10.1109/12C2.2017.8321949		
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Conference Publication Details of Faculty -2016

SL.NO	NAME OF FACULTY	TITLE	CONFERENCE	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISBN	DOI	H-INDEX	IMPACT FACTOR
1	DR.N.V.UMAREDDY	SMART ATM SECURITY SYSTEM USING FPR,GSM,GPS	ICICT,IEEE EXPLORE LIBRARY	3			2016	Aug	Electronic ISBN: 978-1-5090-1285-5	10.1109/INVENTIVE.2016.7830093		
2	DR.MANJUNATH RAMACHANDRA	OPTIMIZATION OF THE DATA TRANSACTIONS AND COMPUTATIONS IN IOT SENSORS	IEEE CONFERENCE ON IOTA 2016				2016	Jan	Electronic ISBN: 978-1-5090-0044-9	DOI: 10.1109/IOTA.2016.7562752		

3	DR.MANJUNATH RAMACHANDRA	SMART CONTROLLER FOR SCHEDULING IN TRANSPORT NETWORK	ICCCI ,IEEE DIGITAL LIBRARY				2016	Jan	Electronic ISBN: 978-1-5090-0044-9	DOI: 10.1109/IOTA.2016.7562746		
4	DR.MANJUNATH RAMACHANDRA	FEEDBACK NEURAL NETWORK FOR THE NEXTGEN SOFT COMPUTING	ICCCI 2016				2016					
5	DR.MANJUNATH RAMACHANDRA	CONTROLLED STREAMING OF VIDEO OVER THE INTERNET	ICCCI ,IEEE DIGITAL LIBRARY				2016	Jan	Electronic ISBN: 978-1-4673-6680-9	DOI: 10.1109/ICCCI.2016.7480024		
6	DR.MANJUNATH RAMACHANDRA	IOT SOLUTION FOR SCHEDULING IN TRANSPORT NETWORK	IEEE CONFERENCE ON IOTA 2016				2016	Jan	Electronic ISBN: 978-1-5090-0044-9	10.1109/IOTA.2016.7562746		
7	N.V.UMAREDDY	A NOVEL APPROACH TO MONITOR AND ANALYZE THE USAGE AND PREDICTION OF REQUIREMENT OF FUEL FOR	ICICT,IEEE EXPLORE LIBRARY				2016	Aug		10.1109/INVENTIVE.2016.7824857		

		CLUSTER OF GENERATOR SETS										
8	SENBAGVAL LI.G	BRIDGE MONITORING SYSTEM USING WIRELESS SENSOR NETWORKS	ICICT				2016	Aug				
9	RANJITH KUMAR	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTIPLE LIFT MAIN SERIES 2& 4 LIFT PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	ICCPCT,IEEE XPLORE DIGITAL LIBRARY				2016	March/ August	Electronic ISBN: 978-1-5090-1277-0	10.1109/ICC PCT.2016.75 30242		
10	SARANYA	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTIPLE LIFT MAIN SERIES 2& 4 LIFT PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	ICCPCT,IEEE XPLORE DIGITAL LIBRARY				2016	March/ August	Electronic ISBN: 978-1-5090-1277-0	10.1109/ICC PCT.2016.75 30242		

11	MANJUNATH RAMACHANDRA	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTIPLE LIFT MAIN SERIES 2& 4 LIFT PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	ICCPCT,IEEE XPLORE DIGITAL LIBRARY				2016	March/ August	Electronic ISBN: 978-1-5090-1277-0	10.1109/ICC PCT.2016.75 30242		
12	BIBIN SHALINI	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR MULTIPLE LIFT MAIN SERIES 2& 4 LIFT PUSH PULL SWITCHED CAPACITOR LUO CONVERTER	ICCPCT,IEEE XPLORE DIGITAL LIBRARY				2016	March/ August	Electronic ISBN: 978-1-5090-1277-0	10.1109/ICC PCT.2016.75 30242		
13	PRATHIBHA KIRAN	TRAFFIC SIGN RECOGNITION SYSTEM USING NEURAL NETWORKS AND IMAGE PROCESSING	RTPES 2016				2016					

14	RANJITH KUMAR	DESIGN AND PERFORMANCE EVALUATION OF PI CONTROLLER FOR POSITIVE OUTPUT 8 LIFT MAIN SERIES SWITCHED CAPACITOR PUSH PULL LUO CONVERTER	RTPES,2016				2016					
15	BHOOMIKA AWASTHI	MODELING OF SOLAR PHOTOVOLTAIC MODULE AND STUDY PARAMETER VARIATION EFFECT USING MATLAB/SIMULINK	ICCCCM,IEEE XPLORE DIGITAL LIBRARY				2016	Oct	Electronic ISBN: 978-1-4673-9084-2	10.1109/ICCCM.2016.7918239		
16	SWETHA RANI.L	AN OPTIMIZED BEAM FORMING TECHNIQUE TO IMPROVE SUMRATE FOR MULTICELL MIMO	ICDCS,IEEE XPLORE DIGITAL LIBRARY				2016	March		10.1109/ICDCSyst.2016.7570622		

17	DEVIKA RANI	FPGA IMPLEMENTATION OF RECONFIGURABLE PULSE-SHAPING FIR INTERPOLATION FILTER WITH CARRY SELECT ADDER	ICSPCCR-2016,ICICT,IJERECE	3			2016	May		DOI: 01.1617/vol3iss5pid310		
18	N.V.UMAREDDY	PERFORMANCE ANALYSIS OF A SOFTWARE DEFINED NETWORK USING MININET	SPRINGER	394		391 - 398	2016	February	Online ISBN978-81-322-2656-7	https://doi.org/10.1007/978-81-322-2656-7_35		
19	L.SWETHARANI	AN OPTIMIZED BEAMFORMING TECHNIQUE TO IMPROVE THE SUMRATE FOR MULTICELL MIMO	IEEE XPLORE DIGITAL LIBRARY				2016	Sep	Electronic ISBN: 978-1-5090-2309-7	10.1109/ICDCSyst.2016.7570622		
20	YASMEEN ARAFATH	BIG DATA ANALYTICS FOR NETWORK CONGESTION MANAGEMENT USING FLOW BASED ANALYSIS	ICAIECES 2015,SPRINGER	394		453 - 458	2016	Feb	Online ISBN978-81-322-2656-7	10.1007/978-81-322-2656-7_41		

21	R.RANJITH KUMAR	BIG DATA ANALYTICS FOR NETWORK CONGESTION MANAGEMENT USING FLOW BASED ANALYSIS	ICAIECES 2015,SPRINGER	394		453 - 458	2016	Feb	Online ISBN978-81-322-2656-7	10.1007/978-81-322-2656-7_41		
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Conference Publication Details of Faculty -2015

SL.NO	NAME OF FACULTY	TITLE	CONFERENCE	VOLUME	PART ISSUE	PP	YEAR	MONTH	ISBN	DOI	H-INDEX	IMPACT FACTOR
1	N.V.UMAREDDY	EDAL: AN ENERGY-EFFICIENT ,DELAY-AWARE AND LIFETIME-BALANCING DATA COLLECTION PROTOCOL FOR HETEROGENEOUS WIRELESS SENSOR NETWORK	ICCNIP				2015					
2	KIRAN ANIL CHIKODI	REAL TIME OBJECT DETECTION AND POSITIONING IN MULTIPLE REGIONS USING SINGLE FIXED CAMERA VIEW FOR VIDEO SURVEILLANCE APPLICATIONS.	INTERNATIONAL CONFERENCE ON ELECTRICAL, ELECTRONICS, SIGNALS, COMMUNICATION AND OPTIMIZATION (EESCO)				2015	January	ISBN 978-1-4799-7676-8	10.1109/EESCO.2015.7253654		