



# New Prince Shri Bhavani

College of Engineering  
and Technology



## Criterion :6 – Governance, Leadership and Management

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes



# NEW PRINCE SHRI BHAVANI COLLEGE OF ENGINEERING AND TECHNOLOGY



Affiliated to Anna University | Approved by AICTE | Accredited by NAAC  
Tambaram - Velachery Main Road, Santhosapuram, Chennai-600 073.

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## FACULTY PARTICIPATION IN RESEARCH ORIENTED ACTIVITIES



<b>Number of research papers per teachers in the Journals during the last five years</b>				
<b>Sl. No.</b>	<b>Title of paper</b>	<b>Name of the author/s</b>	<b>Name of journal</b>	<b>ISSN number</b>
1	Real Time Fog Removal with Improved Quality and Accident Prevention	Ms. Vanishree U , Mrs. G. Vijayakumari	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653
2	Dementia Patient Tracking and Monitoring System	G.Durgadevi, T.Saravanan, Dr.N. Senthil Kumar, V.S.Subeeeksha	Psychology And Education	1553-6939
3	A Smart Safety Gadget to Provide Protection for Women	Parthiban.P, Dr. Durgadevi.G, S. Kabilavathani, Deepa.V	Psychology And Education	1553-6939
4	Deep Well Robotics Manipulator	S.Parthasarathy, C.F.Theresa Cenate, R. Alarmelumangai, M.Dhakshina Moorthy	Psychology And Education	1553-6939
5	Analysis of Four Switch BLDC motor Drive for Industrial applications	K. Sarathy, C.F.Theresa Cenate	Psychology And Education	1553-6939
6	Modification and analysis of crop cultivating machine	Ms. M. Bhavani	Materials Toady: Proceedings	2214-7854
7	Development of Dual purpose manual weeder	Dr. P.K. Chidambaram	Materials Toady: Proceedings	2214-7853
8	An Efficient Bifurcating Brokers Service Scheme for Protecting Investor Secrecy in e-Trading	Dr.P.Sridevi Ponmalar	European Journal of Molecular & Clinical Medicine	2515-8260
9	Human Annotator for Imbalanced Data	Mrs.D.R.Anita Sofia Liz	European Journal of Molecular & Clinical Medicine	2515-8260
10	Enhanced evaluation of RSS Finger Printing Based Indoor Localization	Mr.S.Santhosh	International Journal of Analytical and Experimental Modal analysis	0886-9367
11	Finger Recognition and gesture based virtual keyboard	Mrs.P.Kavitha	International Journal of Analytical and Experimental Modal analysis	0886-9367
12	Smart Trolley Billing System	Dr.S.Subburam	European Journal of Molecular & Clinical Medicine	2515-8260
13	Efficient Client-Side Deduplication of Encrypted Data with Public Auditing in Cloud Storage	Dr.M.Sindhuja	International Journal of Analytical and Experimental Modal analysis	0886-9367

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14	Pregnancy women fetal heart rate and kicking monitoring using embedded system	Dr.G.Durgadevi	European Journal of Molecular & Clinical Medicine	2515-8260
15	E-Health Monitoring and rehabilitation therapy System using Wireless Body Area Network	Ms.V.Hemamalini	International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM)	2320-6608
16	A Realistic Hotel Menu Ordering System Based On Virtual Reality	Ms.G.Sheeba	European Journal of Molecular & Clinical Medicine	2515-8260
17	Performance and Analysis of UWB Aesthetic Pattern Textile Antenna for WBAN Applications	Ms.T.Annalakshmi	Applied Computational Electromagnetics Society Journal	1054-4887
18	Pest Free Groundnut using ML Techniques	Mr.D.Gowrisankar	European Journal of Molecular & Clinical Medicine	2515-8260
19	IoT Based Fire Fighting Robot	Dr S Parthasarathy	European Journal of Molecular & Clinical Medicine	2515-8260
20	Planning and Design of A Rural Road Using Satellite Images	Dr C F Theresa Cenate	European Journal of Molecular & Clinical Medicine	2515-8260
21	Web based Prepaid Energy Meter with theft control	Dr S Ananthi	European Journal of Molecular & Clinical Medicine	2515-8260
22	Voice Controlled Dc Based Solar Powered Smart Home	Mrs K Shanthini	European Journal of Molecular & Clinical Medicine	2515-8261
23	Exptl. Investigation on Flexural Behaviour of latex modified silica fume based RC Beam	Dr. K. Karthik	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8260
24	Beams strengthened by Glass FRP laminates by Flexural Behaviour of hybrid FRC	Mrs. G. Swarnalakshmi	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8261
25	Difference Cordial Labelling Of Generalized Prtersen Graph	Ms.G. Geetha Ramani	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8261

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26	Power Generation Using Wind Turbine and Solar Energy	Dr.S.Sivagami	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8262
27	Domatic Number of a graph	Ms.M Subha	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8264
28	Planning and design of a rural road using Satellite images	Ms.P. V. Komathi	European Journal of Molecular and Clinical Molecular and Clinical Medicine	2515-8265
29	The internet of things: Generic architecture, Ubiquitos Computing and key challenges: future IoT	Dr.P.Sridevi Ponmalar	Parishodh Journal	2347-6648
30	Overall performance evaluation of weld picture classification the use of resnet CNn innovative structure	Dr.R.Ahila	Parishodh Journal	2347-6648
31	Posture detection innovative machine	Dr.P.B.Edwin Prabhakar	Parishodh Journal	2347-6648
32	Auditors attractiveness of dysfunctional behaviour in Kazakhstan	Mrs.D.R.Anita Sofia Liz	Parishodh Journal	2347-6648
33	Assessment of service great dimensions towards customers delight of trip-hailing services in Kuala Lumpur, Malaysia	Mr.S.Santhosh	Parishodh Journal	2347-6648
34	Innovative electric audit for earthing gadget	Mrs.P.Kavitha	Parishodh Journal	2347-6648
35	Effect of urbanization on the community of receiving waters: framework for evaluation and revival of a temple tank of chennai metropolis, India	Mrs.Santhi.G.B	Parishodh Journal	2347-6648
36	examine on factors that affect the cultural adjustment confronted by way of the african and china entrepreneur students in better studying institutions in Klang Valley	Mrs.Malathi.J	Parishodh Journal	2347-6648

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Sl. No.	Title of paper	Name of the author/s	Name of journal	ISSN number
37	The Effects of selected macro & micro monetary variables on firm performance for indexed companies in the commercial products quarter in Malaysia	Mrs.Saranya.V	Parishodh Journal	2347-6648
38	exploring the conceptual framework in E-Mag portal improvements in Malaysia: A case take a look at on media glam	Dr.S.Subburam	Parishodh Journal	2347-6648
39	the demanding situations in adapting and imposing integrated reporting in public indexed business in Malaysia	Dr.G.Amirthayogum	Parishodh Journal	2347-6648
40	Enhancing the method of figuring out internally displaced men and women the usage of massive facts technologies	Dr.N.Kalyana Sundaram	Parishodh Journal	2347-6648
41	The impact of market place threat and honest fee size on the financial performance of public corporates in Malaysia	Mrs.M.Sindhuja	Parishodh Journal	2347-6648
42	the examine about danger evaluation on cloud computing safety amongst small and medium organizations (SMES) in Malaysia	Mrs.K.Blessing Christiana	Parishodh Journal	2347-6648
43	A Sudy of factors influencing personal monetary making innovative plans among young operating adults in Kuala Lumpur, Malaysia	Mrs.S.Karthika	Parishodh Journal	2347-6648
44	the energy of social capital of three local groups at gunung pueh countryside park, lundu, sarawak	Mrs.P.Bhuvaneswari	Parishodh Journal	2347-6648
45	an worldwide look at the threat of cyber terrorism	Mrs.S.Saraswathi	Parishodh Journal	2347-6648
46	Fraud threat assessment: a story of the viable corporate executive fraud and the perceived cyber safety	Mr.K.Manikandan	Parishodh Journal	2347-6648
47	Design and implementation of miniature skyscraper wall climbing robotic	Dr.T.Saravanan	Parishodh Journal	2347-6648

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Sl. No.	Title of paper	Name of the author/s	Name of journal	ISSN number
48	A scientific and innovative review on screening of diabetic retinopathy and maculopathy using artificial intelligence	Dr.M. Bharathi	Parishodh Journal	2347-6648
49	Dating between Gastel innovative index and rheology of blended bitumens	Dr.G.Durgadevi	Parishodh Journal	2347-6648
50	Cervical Cancer segmentation and category using innovative picture processing approach	Dr.G.Ramprabu	Parishodh Journal	2347-6648
51	Entrepreneur using the layout of amplifier circuits for bio alerts	Ms.V.Hemamalini	Parishodh Journal	2347-6648
52	Making use of the RJB34 for securing analysed and innovative records	Ms.G.Sheeba	Parishodh Journal	2347-6648
53	Performance analysis of wild image category using modified and innovatice resnet CNN architecture	Ms.M.I.Anju	Parishodh Journal	2347-6648
54	Modelling and layout of vawt powered remoted interleaved raise innovative converter for DC avenue light packages	Ms.P.S.Neethu	Parishodh Journal	2347-6648
55	Micro controller design for a clever spray robotic use of the principles of picture processing	Ms.S.Sivakami	Parishodh Journal	2347-6648
56	Entpreneur implementation of a counter measure technique for side channel assaults the use of system leaning algorithm with reconfigrable architechture	Ms.T.Annalakshmi	Parishodh Journal	2347-6648
57	Design and improvement of automation in agriculture region in use of wheeled robots	Mr.D.Gowrisankar	Parishodh Journal	2347-6648
58	detection and class of haze affected snapshots using innovative CNN technique	Mr.G.Ramganesch	Parishodh Journal	2347-6648
59	Detection and type of Haze affected pix the use of CNN innovative method	Mr.N.Arunbalaji	Parishodh Journal	2347-6648

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Sl. No.	Title of paper	Name of the author/s	Name of journal	ISSN number
60	A contrast of category fashions for existence coverage lapse threat	Dr S Parthasarathy	Parishodh Journal	2347-6648
61	Region of interest extraction for Lung Cancer Detection in CT Scan images	Dr C F Theresa Cenate	Parishodh Journal	2347-6648
62	Innovative and smart wearable system to assist bronchal asthma patients	Dr S Arulkumar	Parishodh Journal	2347-6648
63	Sustainability of irrigation through shallow wells: a case examine in Tamilnadu, India	Mrs C S Gajalakshmi	Parishodh Journal	2347-6648
64	Smart and innovative embedded ambient intelligence device	Mrs K Shanthini	Parishodh Journal	2347-6648
65	Battery strength storage systems (BESS) kingdom of the innovative artwork	Mr K Sarathy	Parishodh Journal	2347-6648
66	Layout and implementation of auto mated change over of strenth supply from entrepreneur	Mrs M Devi	Parishodh Journal	2347-6648
67	IOT Primarily based monitoring and alerting of business parameters from Entrprenuer	Mrs P Thenmozhi	Parishodh Journal	2347-6648
68	Twitter based totally catastrophe innovative management system usinf records mining	Mr K Kumarasaravanan	Parishodh Journal	2347-6648
69	Scientific Review on Screening of Diabetic Retinopathy and Maculopathy the use of synthetic intelligence	Dr. P.K. Chidambaram	Parishodh Journal	2347-6648
70	applying the RjJB34 for securing analysed data	Dr. S. Kannan	Parishodh Journal	2347-6648
71	A wireless power transfer (WPT) system for 5V battery charging applications	Mr. K.Thamilarasan	Parishodh Journal	2347-6648
72	Layout and implementation of automatic changeover of energy deliver	Mr. T.Suresh	Parishodh Journal	2347-6648
73	sustainability of irrigation via shallow wells: A case looks at in Tmailnadu, India	Mr. A. Madhan Kumar	Parishodh Journal	2347-6648



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74	Relationship among gaestel index and rheology of blended pitumens	Ms. M. Bhavani	Parishodh Journal	2347-6648
75	Modelling and desgin of VAWT powered remotted interleaved B oost converter for DC street mild programs	Mr. Shanmuga Kumar M	Parishodh Journal	2347-6648
76	Design and implemenatation of miniature skyscraper wall mountaineering robotic	Mr. K. Alagarraja	Parishodh Journal	2347-6648
77	The dark internet and virtual currencies: a powerful money laundering and terrorism opportunity	Dr. V. Kanakasabai	Parishodh Journal	2347-6648
78	Lee-carter morality forecasting: application to mauritian populace	Dr. R. Balamurugan	Parishodh Journal	2347-6648
79	Net governance: gift situation of Bangaladesh and Malaysia	Dr. K. Karthik	Parishodh Journal	2347-6648
80	The Elements affecting malasiyan funding danger tolerance for retirement plans	Dr.P.Rajprasad	Parishodh Journal	2347-6648
81	The effect of financial outlook at the stock marketplace of the carrier quarter in Malaysia	Mr. A. Sekar	Parishodh Journal	2347-6648
82	attention of unit consider amongst young experts in malaysian non- public area	Mr. V. Sivakumar	Parishodh Journal	2347-6648
83	The effect of Dividend coverage at the volatility of share rate of producing companies in Malaysia	Mrs. G. Swarnalakshmi	Parishodh Journal	2347-6648
84	the connection between financial institutions' credit risk, liquidity, and capital adequacy toward its profitability in Indonesia	Mrs. S. Vidhya	Parishodh Journal	2347-6648
85	Determinants of Bond Yield	Ms. S. Subathra	Parishodh Journal	2347-6648
86	Impact of urbanization at the community of receiving waters: Framework for Evaluation and Revival of a Temple tank of Chennai Metropolis, India	S Jeyanthi	Parishodh Journal	2347-6648
87	Electric powered audit for earthing device	C P Nijitha Mahalakshmi	Parishodh Journal	2347-6648

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88	Motivational elements of girls to turn out to be social marketers in Lundu District, Sarawak	N Vanitha	Parishodh Journal	2347-6648
89	Memorable echoed Tourism studies in Taman Negaera, Pahang	K Thenmozhi	Parishodh Journal	2347-6648
90	The volatility of the malasiyan ringgit reading its: Effect on Monetary Increase	C Bhuvaneshwari	Parishodh Journal	2347-6648
91	An empirical exam of the signs influencing malaysian listed manufacturing business' proportion charge escalation	Dr.S.Sivagami	Parishodh Journal	2347-6648
92	Exploring the recognition of network ability building towards town poverty treatment in Kuala Lumpur, Malaysia.	Dr. G. Gurulakshmi	Parishodh Journal	2347-6648
93	Instructional Timetable optimization for Asia Pacific College, Malaysia using graph coloring Algorithm	Ms.K Srividhya	Parishodh Journal	2347-6648
94	Network Empowerment through the Mykasih Entrpreneurship softwaqre closer to metropolis poverty relief in Kuala Lumpur, Malaysia	Ms.S. Kalaivani	Parishodh Journal	2347-6648
95	Factors affecting clients notion in the direction of carrier first-rate of grab	Dr.G.Pushpalakshmi	Parishodh Journal	2347-6648
96	Local Network's participation and empowerment stage in the direction of sustainable background tourism in Taiping, Malaysia	Ms.C.R. Eldin Jeeva	Parishodh Journal	2347-6648
97	examine at the connection among an person's persona and tax compliance	Ms.G. Geetha Ramani	Parishodh Journal	2347-6648
98	Expertise the placement of memorable tourism opinions in loyalty at big panda conservation centre, Zoo Negara, Malaysia	Ms.M Subha	Parishodh Journal	2347-6648

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99	The Courting among provider first class and note worthy tourism reveal in Giant Panda conservation center in Zoo Negara Malaysia	Ms.P. V. Komathi	Parishodh Journal	2347-6648
100	Dynamic courting among alternate balance and macroeconomic elements: Empirical evidence from emerging economies in malaysia	Dr. R.Kavitha	Parishodh Journal	2347-6648
101	An Automatic clip sign device in four wheelers	Ms. D. Beula	Parishodh Journal	2347-6648
102	Analysis of suitable CNC device CHUCK pressure by using ANSYS	Ms.R. Pushparama	Parishodh Journal	2347-6648
103	software of non-humanoid robot inside the field of hospitality	Ms. K. Vimalarani	Parishodh Journal	2347-6648
104	computerized shade sorter and counter using Arduino UNO	Dr. John Sunil Manoah	Parishodh Journal	2347-6648
105	An examine at the gaining knowledge of techniques adopted through below graduate college students in the direction of English verbal Exchange	Ms. D. Persiyal	Parishodh Journal	2347-6648
106	H-Spar: Framework version for greenland-use type the use of hybrid capabilities and coarse to exceptional sparselets	Ms.P. Usha Nandhini	Parishodh Journal	2347-6648
107	Standalone controller's layout for bioreactors and its implementation in FPGA	Ms. P. Gnanaoli	Parishodh Journal	2347-6648
108	Interactive 3D video streaming for a Wifi dispaly system	Ms. R. Anitha	Parishodh Journal	2347-6648
109	Clinical tourism India: a top level view of the existing scenario and the destiny scope	Ms.R.Arivuselvi	Parishodh Journal	2347-6648
110	Evaluation and flattening of crop ailment, insects by automation	Mr. V. Arun	Parishodh Journal	2347-6648

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111	Reliability Enhancement Using Opportunistic Routing In Mobile Ad-Hoc Networks.	P.B.Edwin Prabhakar	Indian Journal of Public Health Research & Development	0976-0245
112	Emergency Tracking And Localisation Using Android Mobile Phones	Mrs.Malathi.J	International Journal of Pure and Applied Mathematics	1314-3395
113	Compact Siw Based Planar Inverted F Antenna	Ms.T.Annalakshmi	International Journal of Engineering & Technology	2227-524X
114	Drilling Studies On Particle Board Composite Using Hss Twist Drill And Spade Drill	MR. A. Madhan Kumar	Materials Today:Proceedings	2214-7853
115	An Experimental Study Of Crack Patterns On Reinforced Concrete Beam	Ms. S. Subathra	International Research Journal of Engineering and Technology	2395-0056
116	Uinterrupted Hybrid Entergy Management System	M.I.Anju,K.Karthika	Journal of Innovation in Science and Engineering Research	2456-8619
117	Design and Implementation of Microstip Band-Pass filter fror Wi-Max	T.Annalakshmi, Dr.S.Ramesh	Journal of Innovation in Science and Engineering Research	2456-8619
118	An Automatic Pressure Supervision and Mitigation System for Mobility	G.Durgadevi,R.Sornalatha	Journal of Innovation in Science and Engineering Research	2456-8619
119	Public Distribution and Corruption Control for Rationing System	D.Gowrishankar,R.Siva	Journal of Innovation in Science and Engineering Research	2456-8619
120	Sensor Pillow System:Monitoring Cardio-Respiratory and HPosture Movements During Sleep	D.Gowrishankar, K.Bramara Neelima	Journal of Innovation in Science and Engineering Research	2456-8619
121	Substatin Control and Monitoring Using GSM	PS.Neetu, R.Chitra	Journal of Innovation in Science and Engineering Research	2456-8619
122	Deep Well Robotic Manipulator	S.Shobana, PS.Neetu	Journal of Innovation in Science and Engineering Research	2456-8619

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123	High Power free Arc Switching Using 'mems' with WPAN	P.Parthiban ,M,Sathyanayana	Journal of Innovation in Science and Engineering Research	2456-8619
124	Power Demand Control Using Ad-hoc Network with Intel Galileo Gen2	P.Parthiban, G.Ramprabhu	Journal of Innovation in Science and Engineering Research	2456-8619
125	Enhanced Security System Using an Embedded Real-Time Finger -Vein Detection	G.Ramprabhu, T.Sarvanan	Journal of Innovation in Science and Engineering Research	2456-8619
126	Traffic Congestion Avoidance Using Hand-Off Process Relative Signal Strength Approach in Cellular Network	G.Sheeba , B.Jeyachandran	Journal of Innovation in Science and Engineering Research	2456-8619
127	Progress the Canopy Ambler Positioning and Voice Response System Using GPS Information	S.Sivakami,G.Sheeba	Journal of Innovation in Science and Engineering Research	2456-8619
128	OCR Based Technique for Visually Impaired in Automatic Book Reader	S.Sivakami, KK.Senthil Kumar	Journal of Innovation in Science and Engineering Research	2456-8619
129	Automatic LPG Refill Booking Based on Customer Usage and Accident Avoidance System	G.Vijayakumari, KS.Nandhini Devi	Journal of Innovation in Science and Engineering Research	2456-8619
130	An Alternate Solution for Neutral Point Clamped Multilevel Inverter with Reduced Power Switches	G.Vijayakumari, G.Ramganes	Journal of Innovation in Science and Engineering Research	2456-8619
131	Secured Vehicular Systems Using Wireless Sensor Networks	V.Hemalini, G.Durgadevi	Journal of Innovation in Science and Engineering Research	2456-8619
132	Smart Vehicular System	V.Hemalini, SSS.Sairam	Journal of Innovation in Science and Engineering Research	2456-8619
133	Cloud Security Using Fog Computing	S.Anitha , P.Kavitha	Journal of Innovation in Science and Engineering Research	2456-8619

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134	Providing Dynamic Security For Integrating Web Based Services	S.Anitha ,P.Kavitha	Journal of Innovation in Science and Engineering Research	2456-8619
135	Hadoop to Android Platform using 'Chroot'	S.Anitha ,P.Kavitha	Journal of Innovation in Science and Engineering Research	2456-8619
136	Formation of Clusters for Many Task Computing Applications	K.Blessing Christiana	Journal of Innovation in Science and Engineering Research	2456-8619
137	A Content Based Filtering for Personalized Search Engine	K.Blessing Christiana	Journal of Innovation in Science and Engineering Research	2456-8619
138	Online Smart Card Verification Using Three Level Authentication	S.Karthika	Journal of Innovation in Science and Engineering Research	2456-8619
139	Eco Cloud Computing	P.Kavitha,S.Anitha	Journal of Innovation in Science and Engineering Research	2456-8619
140	Indoor Localisation Using IPS with User Defined Privacy Preservation	P.Kavitha,S.Anitha	Journal of Innovation in Science and Engineering Research	2456-8619
141	Enhanced PPDA Tasks Compatibilty Using NCC Model	J.Malathi	Journal of Innovation in Science and Engineering Research	2456-8619
142	Enhancing the Performance of Iris Recognition by Using Various LensDetection Algorithm	Dr.T.Nedunchezhiyan	Journal of Innovation in Science and Engineering Research	2456-8619
143	Multichannel DDOS Attack Detection & Prevention for Effective Resource Sharing in Cloud	G.B.Santhi	Journal of Innovation in Science and Engineering Research	2456-8619
144	ANew Revolutionary System for Detecting Humans in Natural Calamities	G.B.Santhi, K.C.Divyamala, G.Lashika, J.Subhasri	Journal of Innovation in Science and Engineering Research	2456-8619
145	Continuous User Identity Verification Based Secure Internet Services	S.Santhosh,V.Harisha,M.P admavathy	Journal of Innovation in Science and Engineering Research	2456-8619

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146	Gracewipe:Safe and Secure File under Coercion	S.Santhosh	Journal of Innovation in Science and Engineering Research	2456-8619
147	Survey on Node Detection System in Mbile Ad-hoc Network	S.Saraswathi	Journal of Innovation in Science and Engineering Research	2456-8619
148	A Secure Scheme to Isolate DDos Attacksover MANET	S.Saraswathi	Journal of Innovation in Science and Engineering Research	2456-8619
149	Supremacy Power and Code Establishment for Position Evaluation WithWireless Sensors Networks	M.Sindhuja	Journal of Innovation in Science and Engineering Research	2456-8619
150	Deterministic Non-Cooperative Computation - Privacy Preserving Data Analysis	M.Sindhuja	Journal of Innovation in Science and Engineering Research	2456-8619
151	A Framework to intense the information Security Using Stenography and Visual Cryptography	Dr.S.Subbaram	Journal of Innovation in Science and Engineering Research	2456-8619
152	Effecient Schesuling Scheme Dynamic Tree Construction for Sensor Networks	D.R.Anita Sofia Diz	Journal of Innovation in Science and Engineering Research	2456-8619
153	Artificial Intellegence in Power Systems	K.Shanthini	Journal of Innovation in Science and Engineering Research	2456-8619
154	Hybrid Power Generation System Using Wind Enregy and Solar Energy	K.Shanthini	Journal of Innovation in Science and Engineering Research	2456-8619
155	ARM Based Wheelchair Controlled System	G.Vijaya Kumari, R.Shalini, S.Soundarya, T.Sharmila	International Journal of Innovative Research in Computer and Communication Engineering	2320-9801
156	Multi Parameter Detection in Warfield using WSN	S.Sivakami, B.Karthika, T.Sugantha, K.Yamuna	International Journal of Innovative Research in Computer and Communication Engineering	2320-9801

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157	Multi Purpose Measuring Equipment Using Arm Cortex-M3	G.Sheeba,P.Nithya, R.Nithya, J.Raghupriya	International Journal of Innovative Research in Computer and Communication Engineering	2320-9801
158	Advance Secured System for Automobiles Using Intel Galileo Board	V.Hemamalini,A.Paul Jonathan Raj, V.Balaji, M.john Peter	International Journal of Innovative Research in Computer and Communication Engineering	2320-9801



Number of books and chapters in edited volumes/books published in during last five years

<b>Sl. No.</b>	<b>Name of the teacher</b>	<b>Title of the book/chapters published</b>
1	Dr.S.Vidhya, Mrs. I. Poonkody, Mrs. S. Janet Grace Susila, Dr. P.B.Edwin Prabhakar	Programming in C
2	Dr.R.Kavitha, Ms. R. Pushbarama, D. Beula	Engineering Physics
3	C.R. Eldin Jeeva, Dr. G. Pushpalakshmi, G. Geetha Ramani	Discrete Mathematics
4	Dr.P.Sridevi Ponmalar, G.B. Shanthi, G.G. Golilam, Dr.N.Kalyana Sundaram	Computer Networks
5	P. Kavitha, K. Manikandan, Dr.T.Nithiya, P.Jayakani	Object Oriented Analysis Design
6	Mr.S.Santhosh, P.Bhuvaneshwari, K.Blessing Christiana, G.Saritha	Computer Organization and Design
7	Mrs.Malathi.J, Dr.G.G.Gokila, Dr.B.Pradeep, D.R. Anita Sofia Liz	Problem Solving And Python Programming
8	Dr.S.Subburam, Dr.G.Saritha, Mrs.S. Saraswathi, Mrs.V.Saranya	Design And Analysis Of Algorithms
9	Dr.S.Subburam, Dr.G.Saritha, Mrs.S. Saraswathi, Mr.S.Santhosh	Database Management Systems
10	Dr.P.Sridevi Ponmalar, G.Saritha, M.Sindhuja,S.Saraswathi	Multimedia Communication
11	Dr.P.B.Edwin Prabhakar, Dr.T.Nedunchezian, Dr.C.Vidya, M.Mahima	Compiler Design
12	Mrs.P.Kavitha, S.Karthika, G.Saritha, R.Rohini	Principles of Management
13	Dr.N.Kalyana Sundaram, Mrs.P.Kavitha, Mrs.J.Malathi, Mr.Ilanchezhiyan Pandiyan	Computer Architecuture
14	Mr S Parthasarathy, Mrs.V. Birunda Mary, Mrs.M Mahalakshmi, Mrs.P.S. Neethu	Special Electrical Machines
15	Mr S Parthasarathy, Mr.V.Srinivasan	Flexible AC Transmission Systems
16	Mr S Parthasarathy, Mr K Sarathy	Power Sytem Analysis

## PATENT DETAILS FOR THE LAST FIVE YEARS

Sl. NO.	NAME OF THE INVENTION	NAME OF THE APPLICANT	NAME OF THE INVENTOR
1	A HIGH STEP UP DC- DC CONVERTER WITH FUZZY LOGIC CONTROLLER FOR SMART GRID AND DESIGN OF THE SAME	Dr.T.SARAVANAN	Dr.T.SARAVANAN
2	ONE BIT COMPRESSION SENSING MECHANISM FOR LOW RATE WIRELESS SENSOR NETWORKS	Dr.T.SARAVANAN	Dr.T.SARAVANAN
3	A KELVER FIBER REINFORCED COMPOSITE	Dr.T.SARAVANAN	Dr.T.SARAVANAN
4	DESIGN OF SECURED SMART MOBILE REAL-TIME MONITORING SYSTEM USING IOT FOG COMPUTING	Dr.S.SENTHIL KUMAR	Dr.S.SENTHIL KUMAR
5	SMART ATM USING AI AND IOT TECHNOLOGY	Dr. P. SRIDEVI PONMALAR	Dr. P. SRIDEVI PONMALAR
6	IOT BASED SMART DEVICE FOR POLLUTION CONTROL & TRAFFIC MANAGEMENT SYSTEM	Dr. P. SRIDEVI PONMALAR	Dr. P. SRIDEVI PONMALAR
7	SYSTEM FOR VALIDATING MOBILITY OF A PATIENT AND A METHOD THEREOF	Dr.P.MANIMEGALAI	Dr.S.SUBBURAM
8	A KELVER FIBER REINFORCED COMPOSITE	Dr.T.SARAVANAN	Dr.T.SARAVANAN
9	GROUND WATER LOCATION MAPPING TECHNIQUE FROM MULTIVARIABLE GIS DATAS USING DATA MINING METHODS	Dr. S NAGAKISHORE BHAVANAM	Dr.S.SUBBURAM
10	LI-FI BASED STEREO AUDIO STREAMING TECHNOLOGY	Dr.S.SUBBURAM	Dr.S.SUBBURAM
11	ONE BIT COMPRESSION SENSING MECHANISM FOR LOW RATE WIRELESS SENSOR NETWORKS	Dr.T.SARAVANAN	Dr.T.SARAVANAN
12	A KELVER FIBER REINFORCED COMPOSITE	Dr.P.K.CHIDHABARAM	Dr.P.K.CHIDHABARAM
13	IOT BASED AUTOMATIN OF WATER SUPPLY AND THEFT IDENTIFICATION	Dr. M. SINDHUJA	Dr. M.SINDHUJA
14	A HIGH STEP UP DC- DC CONVERTER WITH FUZZY LOGIC CONTROLLER FOR SMART GRID AND DESIGN OF THE SAME	Dr.T.SARAVANAN	Dr.T.SARAVANAN
15	HYBRID TRICYCLE WITH TO AND FRO ACTION OF STEERING MECHANISM	Dr.P.K.CHIDHABARAM	Dr.P.K.CHIDHABARAM
16	A PEDAL POWERED FOLDABLE BICYCLE FOR ENHANCED MOBILITY	Dr.P.K.CHIDHABARAM	Dr.P.K.CHIDHABARAM
17	A CONTEXT AWARE SECURE WIRELESS BODY ZONE SYSTEMS FOR HEART PATIENTS	Dr. P.B.EDWIN PRABHAKAR	Dr. P.B.EDWIN PRABHAKAR
18	ESTIMATION OF BIOMARKERS FOR ADAPTIVE IMMUNITY IN INFECTIOUS DISEASES USING SMART IOT SENSORS AND DEEP LEARNING	Dr. G. DURGADEVI	Dr. G. DURGADEVI
19	SECURITY PROTOCOL TO PREVENT ATTACKS FROM PROGRAMMABLE MATTER IN IOT NETWORKS	Dr. S. PARTHASARATHY	Dr. S. PARTHASARATHY



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## STUDENTS PARTICIPATION IN HACKATHON, PROJECT EXPO & SCIENCE FESTIVALS





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## Students participation in Hackathon, Project Expo and Science Festivals

### Smart India Hackathon





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## Project Expo:



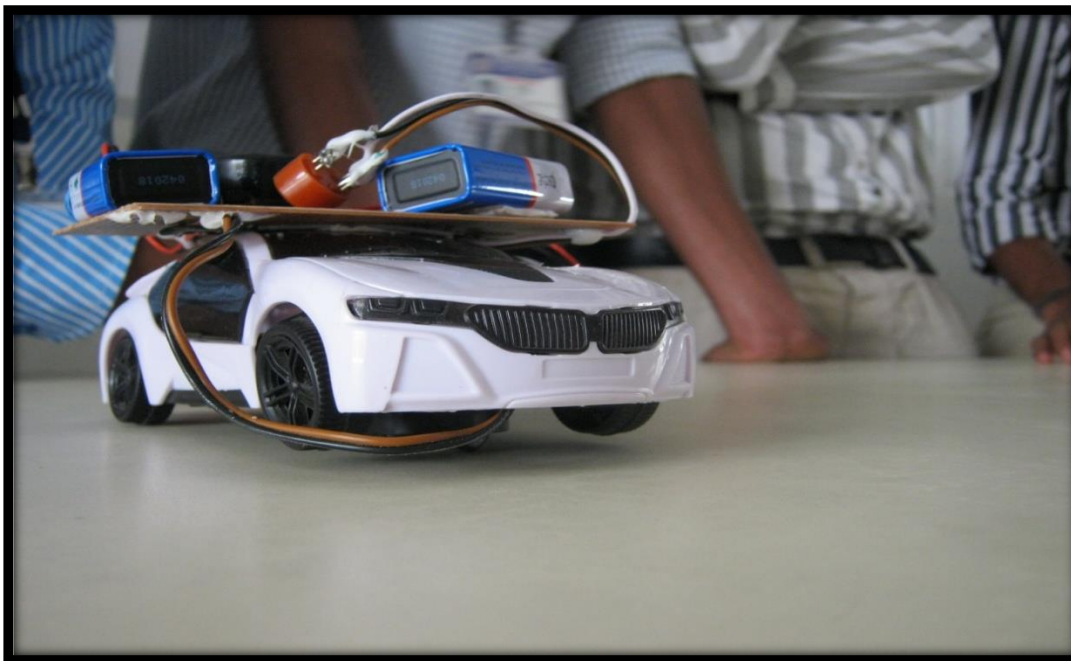


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**H.O.D, Staff members and Students of**  
**DEPARTMENT OF**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**

Welcomes you all for the inaugural function of

**FUERZA ASSOCIATION Activities**

&

**EXSTO' 16**

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Chief Guest

**Ms. P. RYHANA BEGUM,**  
Project Manager, Chandrayan-2,  
Indian Space Research Organization, Bangalore.

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In the presence of

<b>Prof. A. Swaminathan</b> Principal	<b>Mr. L. Naveen Prasad</b> Vice-Chairman
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Venue: Conference Hall – I, Main Block.	Date: 1st August, 2016 Time: 10 A.M.
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### NATIONAL LEVEL TECHNICAL SYMPOSIUM TECHPLEX'16 ON 26 AUG, 2016

#### ECE

### CRISPO'16

JAM  
Connexion  
Quiz Mania  
Paper Expo

*Wireless Sensor Networks  
Signal Processing  
Bioinformatics  
Embedded Systems  
Robotics  
Other related...*

#### Co-ordinator:

Mr. P. Parthiban

Contact No: 9791055672  
[crispo16@newprinceshribhavani.com](mailto:crispo16@newprinceshribhavani.com)

#### CSE,IT&MCA

### TRIZINE'16

Code Mastro  
Fun-o-Fest  
Link-In  
Papyrus

*Big Data  
Cloud computing  
Green computing  
Information forensics & Security  
Artificial Intelligence  
Other related...*

#### Co-ordinators:

Ms. S. Pushpa & Ms. G. B. Shanthi

Contact No: 9566281193 / 9790943843  
[trizine16@newprinceshribhavani.com](mailto:trizine16@newprinceshribhavani.com)

#### EEE

### FAISCA'16

Circuit Debugging  
Nitrix  
MiniMilta  
Paper presentation

*Power system  
Green energy technology  
Application of Plc & Scada  
Robotics & Embedded system  
Power Electronics drivers  
Other related...*

#### Co-ordinator:

Mr.S.Arul Kumar

Contact No:9962360136  
[faisca16@newprinceshribhavani.com](mailto:faisca16@newprinceshribhavani.com)



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Department of

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A NATIONAL LEVEL TECHNICAL SYMPOSIUM

on 08th September

Dates to Remember

Submission of Full Paper : 04.09.2018

Acceptance Intimation : 05.09.2018

Last Date for Registration : 06.09.2018



- \* SIGNAL PROCESSING
- \* ROBOTICS
- \* EMBEDDED SYSTEMS
- \* BIO INFORMATICS
- \* DIGITAL SYSTEMS
- \* NEURAL NETWORKS
- \* LOW POWER VLSI DESIGN
- \* SYSTEM ON CHIP
- \* SENSOR NETWORKS
- \* WIRELESS COMMUNICATION
- \* INTERNET OF THINGS



Contact Details : [✉ crispo18@newprinceshribhavani.com](mailto:crispo18@newprinceshribhavani.com) [☎ 97910 10664 / 91716 18106](tel:9791010664)





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SANTHOSAPURAM



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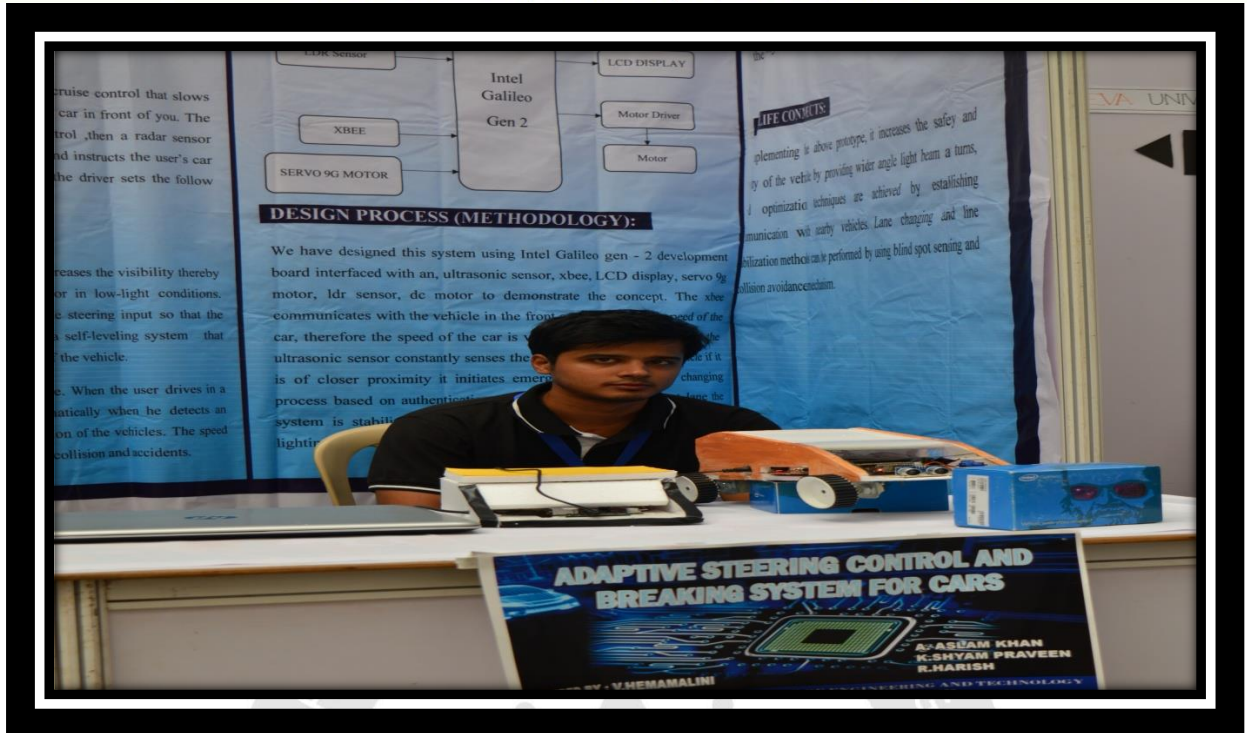


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