

A PROPOSAL
FOR THE GRANT OF STATUS
OF
COLLEGE WITH
POTENTIAL FOR EXCELLENCE /
COLLEGE OF EXCELLENCE

(FOR XII PLAN PERIOD)

SUBMITTED TO

UNIVERSITY GRANTS COMMISSION
NEW DELHI – 110 002

SUBMITTED BY



MAHENDRA ENGINEERING COLLEGE

(Autonomous)

MAHENDHIRAPURI, MALLASAMUDRAM (WEST)
NAMAKKAL DISTRICT, TAMIL NADU – 637503

APRIL 2017

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ANNEXURE-I

UNIVERSITY GRANTS COMMISSION, NEW DELHI

Proposal for Assistance during the XII Plan under the Scheme
“Colleges with Potential for Excellence/College of Excellence”

Section 1: GENERAL

Sr. No.	Profile/ Parameter	Particulars
1.1.	Name of the college	MAHENDRA ENGINEERING COLLEGE (Autonomous)
1.2.	Full address of the college (including Tel./Fax Nos. and e-mail ID)	Mahendhirapuri, Mallasamudram (West), Namakkal District, Tamil Nadu. PIN: 637503. Tel: 04288 – 288500 Fax: 04288 – 288500 Email: info@mahendrainstitutions.com
1.3.	Name of the Principal of the college (including Tel./Fax Nos. and e-mail ID)	Dr. M.Madheswaran, Principal, Mahendra Engineering College Ph. 99947 27725 principal@mahendra.info
1.4.	Name & address of affiliating University (including Tel./Fax Nos. and e-mail ID)	Anna University, Chennai – 600025. Tel: 044- 22352161 (Registrar) Email: registrar@annauniv.edu
1.5.	Name & address of the Chairman, Governing Body of the college (including Tel./Fax Nos. and e-mail ID)	Shri. M.G.Bharath Kumar, Chairman, Mahendra Educational Trust, Mallasamudram, Namakkal District Tel: 04288 – 288500 Fax: 04288 – 288500 Email: info@mahendrainstitutions.com

1.6.	Goals & Objectives of the college	<ul style="list-style-type: none"> • To Create and provide facilities of Engineering education to the students coming from remote rural areas of the Erode, Namakkal and Salem districts of Tamilnadu and other states • To make collective efforts to create infrastructure for providing quality and outcome based education for the students • To provide need based education to the students to make them competitive to serve the society • To inculcate discipline among the students in term of sincerity, regularity, punctuality and to develop them into socially responsible citizens • To provide a platform to the students giving them opportunities to face the challenges of the competitive world with utmost utilization of their potentials in academic, sports and social events • To inculcate values like self-respect, social equality, national integration secularism and brotherhood by organizing special activities in the college • To provide special attention to social inclusive programmes. • To provide opportunities to the teaching and non-teaching staff to acquire higher qualification • To promote teachers to participate in State, National and International conferences, workshops and seminars
1.7.	Names of best performing departments in the College	<ul style="list-style-type: none"> • Computer Science and Engineering • Electronics and Communication Engineering • Electrical and Electronics Engineering • Mechanical Engineering • Civil Engineering

Sr. No	Profile/ Parameter	Particulars/ Options								
1.8.	Nature of Management of the college	Government	University	Private						
				Mino - rity	Non-Minority	Aided	Un-aided			
1.9.	Total strength of Students Teachers	UG			PG			Total		
		M	F	T	M	F	T	M	F	T
		2592	638	3230	230	85	315	2822	723	3545
		198	112	310	33	18	51	231	130	361
1.10	No. of years since establishment of the college	<= 10 – 25			> 25 - 50			> 50		
1.11	No. of years since permanently affiliated	<= 10 – 25			> 25 - 50			> 50		
1.12	Campus area (in acres)	<= 5.00			> 05 - 10			> 10		
1.13	Levels of Academic programmes in the College	UG, PG & Research			PG & UG only		PG only		UG only	
1.14	Academic Departments:	Total No.	No. in Arts Fac.	No. in Science Fac.	No. in Mngt Fac.	No. in Engg Fac.				
		13	NIL	NIL	1	12				
1.15	No. of Teachers:	Sanctioned Strength 354			Present strength a) Regular: 361 b) Ad-hoc/ Part- time: 0		Present strength as % of San. Strength 102%			
1.16	Diploma/ Certificate courses offered:	PG Diploma			Diploma		Certificate			
	No. of students % of the total No. in College	NIL			NIL		12			
1.17	Total No. of students	<= 500			> 500 – 1000			> 1000		
		NIL			NIL		18			

Sr. No	Profile/ Parameter	Particulars/ Options		
1.18	Category of Students	At least 50% SC/ST	At least 50% OBC	At least 25% PH
1.19	UG students as % of total No.	<= 50	> 50 – 80	> 80
1.20	PG students as % of total No.	<= 50	> 50 – 80	> 80
1.21	M.Phil students as % of total No. - NA -	<= 02	> 02 – 05	>05
1.22	Ph. D. students as % of total No	<= .01	> .01 - .02	> .02
1.23	Grants received during XI Plan (Rs. in Lakhs) from:	State Government NIL	Central Govt. other than UGC NIL	UGC NIL
1.24	Students' facilities: Amount spent over the past 3 years (Rs. in Lakhs) for	Laboratories 374	Central library 65.97	Departmental libraries 8.25
1.25	Grievance Redressal Cell: No. of students handled over the past 3 Years	<= 20	> 20 - 50	> 50
1.26	Guidance & Counseling Cell: No. of cases handled over the past 3	<= 50	> 50 - 75	> 75
1.27	Mechanism available for seeking feedback on various aspects of College's functioning From	Teachers	Students	Guardians
1.28	The College has an active	Parent-Teacher Association	Alumni Association	Linkage With NGOs

Section 2: PROFILE DETAILS

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.1.	Status of the college	Non autonomous	Autonomous		
2.2	No. of years since grant of accreditation by NAAC	01 - 05	> 05 - 10	> 10	
2.3.	Grade/ CGPA awarded by NAAC	B 2.01 to 3.00		A 3.01 to 4.00	
2.4.	Academic category of the college	Men's	Co-ed	Women's	
2.5.	Location of the college	Urban	Rural	Tribal	
2.6.	Examination Pattern	Annual	Semester	Credit based	
2.7.	Students from other States as % of total No.	01 - 05	> 05 - 10	> 10	
2.8.	NRI students as % of total No.	01 - 05	> 05 - 10	> 10	
2.9.	Overseas students (excluding NRIs) as % of total No.	01 - 03	> 03 - 05	> 05	
2.10	No. of new courses introduced over past 3 years: Degree	01 - 03	> 03 - 06	> 06	
	PG Diploma NIL	01 - 03	> 03 - 06	> 06	
	Diploma NIL	01 - 05	> 05 - 10	> 10	
	Certificate	01 - 05	> 05 - 10	> 10	
2.11	No. of Self-financing degree/diploma courses offered over the past 3 years	01 - 05	> 05 - 10	> 10	

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.12	Students' results: Average % for the last 3 years: UG	40- 60	> 60 - 80	> 80	
	UG First Class	05- 10	> 10 – 30	> 30	
	PG	50- 70	> 70 – 90	> 90	
	PG First Class	10- 20	> 20 - 50	> 50	
2.13	No. of students passing national examinations over the past 3 years: UGC/CSIR – NET	01– 05	06 – 10	> 10	
	GATE	01- 05	06 - 10	> 10	
2.14	Research Project outlay by various agencies during past 3 years (Rs. in lakhs)	05- 10	> 10 - 50	> 50	
2.15	No. of Collaboration with International institutions during past 3 years: M o U	01 – 02	> 02 - 05	> 05	
	Exchange of teachers	01 – 05	> 05 – 10	> 10	
	Franchisee - NA -	01 – 05	> 05 - 10	> 10	
2.16	Teachers are evaluated by	Peer groups within the College	Externals	Students	
2.17	Recognition of teachers over the past 3 years: No. at International level	01 – 02	> 02 - 04	> 04	
	No. at National level	01 – 03	> 03 - 06	> 06	

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.18	No. of teachers presenting papers in seminars/conferences during past 3 years at International level	01 – 03	> 03 - 06	> 06	
	at National level	01 – 05	> 05 - 10	> 10	
2.19	No. of academic seminars /conferences organized by the college over the past 3 years at the National/Inter – national level	01 – 03	> 03 - 06	> 06	
2.20	Physical education: Provision made for: No. of major games	01 – 03	> 03 - 06	> 06	
	No. of minor games	01 – 03	> 03 – 06	> 06	
	No. of indoor games	01 – 03	> 03 – 06	> 06	
	No. of accredited Coaches	01 – 02	03 – 04	> 04	
2.21	Other facilities: (circle the ones available)	Computer Centre	Internet	Book bank	
		Hostel (Men)	Hostel (Women)	Common Room for students	
	Any other (name up to 3)	Canteen	Health Center	Placement Cell	
		Language Lab	R.O. Treated Water	Training Academy for Competitive Exams	
2.22	Teacher Quality: Student/teacher ratio	> 60 : 1	> 40 : 1 – 60 : 1	<= 40 : 1	
	% of M.Phil. degree holders among teachers	01 – 10	>10 - 50	>50	
	% of Ph. D. holders among teachers	01 – 05	> 05 - 10	> 10	
	% of teachers who attended (over the past 3 years) :				
	a) Orientation Course	01 – 20	> 20 – 50	>50	
b) Refresher Course	01 – 20	> 20 – 50	> 50		
c) Winter/Summer School	01 – 20	> 20 – 50	> 50		

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.23	Evaluation Process & Reforms over the past 3 years: No. of programmes for which academic audit is Conducted	01 – 02	>02 - 05	> 05	
	No. of programmes for which peer review Conducted	01 – 02	> 02 - 05	> 05	
2.24	Research Promotion & Support: % of teachers actively engaged in research Work	01 – 05	>05 - 20	> 20	
	% of teachers approved as research supervisors	01 – 05	> 05 - 20	> 20	
	% of teachers on Learned/Academic/ Scientific Bodies outside the college	01 – 02	> 02 - 05	> 05	
2.25	Research Output & Publications during the past 3 years: No. of M.Phil. degrees Awarded - NA - For colleges with <= 5 PG Depts.	01 – 10	> 10 - 20	> 20	
	>5 PG Depts.	01 – 20	>20 - 40	> 40	
	No. of Ph.D degrees Awarded For colleges with <= 5 PG Depts.	01 – 05	>05 – 10	> 10	
	> 5 PG Depts.	01 – 10	> 10 – 20	> 20	
	No. of research papers published by teachers in refereed journals	01 – 05	> 05 – 10	> 10	

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
	No. of research projects undertaken: a) Major b) Minor	01 01 – 04	02 – 03 05 – 10	> 03 >10	
2.26	Consultancy: Total of resources generated during the last 3 years through consultancy as % of total funds received from all sources	01 - 02	>02 - 05	> 05	
2.27	Extension activities during the last 3 years: No. of innovative/ useful extension programmes conducted	01 – 02	> 02 – 05	> 05	
	No. of teachers engaged in extension activities	03 – 05	> 02 – 05	> 05	
	No. of students participating in extension Activities	10 – 50	>50 – 100	> 100	
2.28	Collaborative Activities during the past 3 years: No. of joint programmes conducted with NGOs - NA -	01 – 05	> 05 - 10	>10	
	No. of cooperative programmes with national level academic institutions	01 – 05	> 05 - 10	> 10	
	No. of collaborative activities with international level academic Institutions	01 – 05	> 05 – 10	> 10	
2.29	Library Resources: No. of book titles per Student as on date	01 – 03	> 03 - 10	> 10	
	No. of books added to the library as % of the total collection during the past 3 years	01 – 03	> 03 - 10	> 10	

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.30	ICT-based Learning Resources as on date: student- computer ratio	>60 : 1	>30 : 1 - 60 : 1	<= 30 : 1	
2.31	Student Profile(average for the past 3 years): % of students admitted of those applied	>60	> 20 - 60	05 - 20	
	% of women students in the total student Strength	01 – 10	>10 - 50	>50	
	% of SC students in the total student strength	01 – 10	>10 - 15	>15	
	% of ST students in the total student strength	01 – 02	>02 – 05	>05	
	% of PwD students in the total student strength	01 – 05	>05 – 10	> 10	
2.32	Student Progression (average of past 3 years): % of students graduating at first attempt	30 – 50	>50 – 75	> 75	
2.33	Student Support: % of students getting selected through on-campus interviews out of those interviewed over the past 3 years	10 – 20	> 20 - 50	> 50	
2.34	Average % of utilization of approved annual budget over the past 3 Years	60 – 80	> 80 - 90	> 90	
2.35	Financial resources mobilised as % of approved annual budget during the last year	05 – 10	> 10 - 20	> 20	
2.36	% of teachers to whom administrative powers and responsibilities are assigned as on	05 – 10	> 10 - 20	> 20	

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
2.37	No. of teachers nominated on the Governing Body of other institutions as on date	01 – 02	>02 - 05	> 05	
2.38	Curriculum: Feedback received from	Employers	Teachers	Students	
	No. of remedial programmes conducted for students with difficulties in learning over past 3 Years	01 – 02	> 02 - 05	> 05	
	No. of specialized courses organized for advanced learners over past 3 years	01 – 02	> 02 - 05	> 05	
	% of teachers using modern educational technology	10 – 20	> 20 - 50	> 50	
2.39	Student Activities: Average No. of students participating/ engaged in programmes over the past 3 years:				
	Cultural and related activities	05 – 10	>10 - 20	> 20	
	Co-curricular activities	05 – 10	> 10 - 20	> 20	
	Social service/ Extension work other than NSS activities	10 – 50	> 50 - 100	> 100	
2.40	Sports Events No. of students participated over the past 3 years at : International level	01 – 05	> 05 - 10	> 10	
	National level	05 – 10	> 10 – 20	> 20	
	Regional level	10 – 20	> 20 – 50	> 50	

Section 3: ADDITIONAL DATA (to be furnished by Autonomous Colleges)

Sr. No	Profile/ Parameter	Particulars/ Options			For Office use
3.1.	No. of years since the grant of Autonomy	01	> 01 - 10	> 10	
3.2.	Level at which Autonomy is implemented	UG only	PG only	UG & PG	
3.3.	Curriculum review/ revision	Any time after 3 years	Once in 3 Years	Annually	
3.4.	Time lag in introducing new Programme	> 2 years	1 – 2 years	<= 1 year	
3.5.	No. of subjects where Question Banks are Developed	01 – 02	> 02 - 05	> 05	
3.6.	Examination Reforms: Evaluation scheme	Marks	Grades and CGPA	Credit based CGPA	
3.7.	Weightage in % allotted to Continuous Internal Evaluation (CIE) in the end- semester or exit Examination	10 – 20	> 20 - 40	> 40	
3.8.	% of programmes having CIE to total No. of programmes	15 – 25	> 25 - 50	> 50	
3.9.	Temporal scheme	Annual	Semester	Trimester	
3.10	% of question papers in which change in pattern is introduced	05 – 10	> 10 - 50	> 50	



Mahendra Engineering College

CERTIFICATE

This is to certify that the data and information provided in this proposal are true and correct to the best of my knowledge and belief and the required documents in support of these are attached with the proposal. It is also confirmed that this college will abide by the Guidelines framed by the UGC in respect of CPE/CE status from time to time, if it is selected under the Scheme during the XII Plan.

Date:

Principal

Place: Mahendhirapuri



Anna University, Chennai

ENDORSEMENT

The university certifies that the data and information given by the college in the proposal are correct as per the records of the university. The university, therefore, supports the Proposal and will monitor the progress of the college, if selected for the CPE/CE status, and do whatever is needed to be done by the university in respect of the college under the Guidelines and other relevant Rules and Regulations framed by the UGC.

Date:

(Signature with Seal)

Place: Chennai

Registrar, Anna University, Chennai

ACTION PLAN & BUDGET

1	Name & Address of the College	Mahendra Engineering College (Autonomous) Salem – Tiruchengode Highway Mallasamudram, Namakkal District Tamil Nadu. PIN: 637 503 Tel : 04288-288500 Fax : 04288-288500 Email : principal@mahendra.info Website : www.mahendra.info
2	Proposed Activities	List Titles of Each Activity in Order of Priority
	a) Teaching (UG)	<ol style="list-style-type: none"> 1. Teaching through Audio-Visual Aids and other Related Activities like workshops, Seminars, Quiz. Role play, and Group Studies, with help of Different kinds of Printed Materials and Apparatus/Equipments related to the subject. 2. Involvement of stake holders like industry and professional bodies are encouraged in curriculum design to make sure that requirements of the industry are taken into consideration 3. To support development plans including synergistic Networking and Services to Community and economy of competitive institutions for achieving higher standards 4. Short term training programs focusing specific skills through National Skill Development Corporation. 5. To Promote Industry –Institution Interaction 6. ICT Class rooms for students: For practical explanation of subject with the help of online tools and materials. 7. Quality Books : Preparation for higher Studies 8. Inter University Collaborations: To call Students from different universities & to send our students to different universities. 9. Development of linguistic skills through language laboratory. 10. Recording of Micro Teaching in Consortium.
	b. Teaching (PG)	<ol style="list-style-type: none"> 1. Teaching through Audio-visual Aids like, Projector, laptop/computer and internet facilities in classrooms and Laboratory 2. Recording panel discussions in Consortium 3. ICT class rooms: For practical explanation & understanding of

		<p>subject with the help of online tools and materials.</p> <ol style="list-style-type: none"> 4. Quality Books & Journals: For higher studies. 5. Inter University collaboration 6. Advanced laboratories for PG students. 7. E-Podium (Teaching through e-Podium by faculties and paper presentation by M.E. Students)
	C. Research	<ol style="list-style-type: none"> 1. Research facilities for the students with computer, Internet and advanced apparatus and machines according to the demand of Ph.D. Scholars. 2. Computer Laboratory Internet activities and laboratory instruments for research studies . 3. Research Lab for all Engineering discipline 4. Journals for Research activities (offline and online). 5. Cultivate and enhance the growth of research funding. 6. To develop the Innovative Research center 7. To encourage the start up ideas in Knowledge Innovation Centers. 8. Research for usage of energy and water through recycling of materials. 9. By increasing number of research scholars faculty strength and augmenting resources
	D. Extension	<ol style="list-style-type: none"> 1. To inculcate the culture of entrepreneurship, must establishing Entrepreneurship Development Cells. 2. To establish the incubation centers for the promotion of entrepreneurship, and to help the entrepreneurs. 3. To establish Finishing School Programme to fill the gap between university education and industry requirement to make the student industry ready. 4. Providing infrastructure to run the smaller components manufactured by small scale industries or domestic production in houses by collecting, fabricating finished goods. 5. To establish center of excellence in all Engineering domains to provide the certificate courses.

		<ol style="list-style-type: none"> 6. To develop a conference hall and smart classrooms 7. To provide financial aid for Teachers for attending conference/ seminar. 8. Applying grant for to conduct Seminar/Conference and workshops 9. To enhance the study and Research areas with help of Information Technology, latest reference books, Journals and E-Library facilities. 10. To organize Seminars/Workshop/Conference. 11. To Conduct life skill and counseling sessions. 12. To set up NCC Girls Unit in the college besides along with boys NCC Unit. 13. To Establish Heritage Village inside college. 14. To adopt a village and conduct awareness programmes in education in important areas. 15. To conduct Women Empowerment programmes. 16. To establish GATE coaching center and competitive exams coaching center. 17. To provide sufficient quarters for teaching faculties.
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NON- RECURRING BUDGET (NR)

a)	Teaching in UG&PG	Rs. In Lakhs
	1) Laboratory Upgradation	15.00
	2) Computers	10.00
	3)) Upgradation of Classrooms/Seminar Halls	15.00
	4) Teaching Aids	05.00
	5) Industry Developments	05.00
		50.00
b)	Research Facilities :	
	1) Laboratory Up gradation	15.00
	2) Reverse Engineering	10.00
	3) Start-up centers	5.00
		30.00
c)	Extension Activities :	
	Curricular and Co Curricular Activities	02.00
	Finishing School programme	03.00
	Women Empowerment Programme	02.00
	Village Adoption	02.00
	Infrastructure for Industrial setup	15.00
	Environment and Sanitation Programme	05.00
		29.00
d)	Any other	
	1) Library Automation	05.00
	2) Books & Journals	15.00
	3) Foreign Language centers	05.00
	4) Competitive Exam coaching centers	03.00
	5) Internet Connectivity	03.00
		31.00
	Grand Total (NR)	140.00

RECURRING BUDGET (R)

a)	Teaching in UG & PG	Rs. In Lakhs
	1) Laboratory Upgradation	10.00
		10.00
b)	Research Facilities :	
	1) Software	10.00
	2) Laboratory Consumables	10.00
		20.00
c)	Extension Activities :	
	1) Cultural Activities	02.00
	2) Foreign Language centers	02.00
	3) Village Adoption	03.00
	4) Competitive Exam coaching centers	04.00
	5) Environment and Sanitation Programme	04.00
		15.00
d)	Any other	
	1) Maintenance and Equipments	10.00
	3) Internet Service	05.00
	4) Enrich of Teachers	05.00
		20.00
	Grand Total (R)	65.00

Proposed Utilization of Grants

Proposed Utilization of Grants	Non-Recurring (Rupees in Lakhs) <i>(To be listed in order of priority with details given in Annexure B1)</i>	Recurring Grant (Rupees in Lakhs) <i>(To be listed in order of Priority with details given in Annexure B2)</i>
(a) & (b) Teaching Facilities (UG & PG) :	<p align="center">50.00</p>	<p align="center">10.00</p>
(c) Research Facilities :	<p align="center">30.00</p>	<p align="center">20.00</p>
(d) Extension Facilities :	<p align="center">29.00</p>	<p align="center">15.00</p>
(e) Any Other Activities :	<p align="center">31.00</p>	<p align="center">20.00</p>
<p align="center">Total: <i>(Rupees in lakhs)</i></p>	<p align="center">140.00</p>	<p align="center">65.00</p>

	Expected Outcome/Output	Annual Outcome
a) and b) Teaching/Evaluation (UG and PG)		
	Year 1:	<ol style="list-style-type: none"> 1. Continuous improvement in course curriculum 2. Effective interaction with resource persons through conferences and seminars conducted in modern ICT seminar hall, for transfer of knowledge. 3. Technology Assisted Teaching aids to improve quality of teaching and learning process.
	Year 2	<ol style="list-style-type: none"> 1. Improvement , efficiency and effectiveness of the technical education management system 2. To help students/Teachers to become more resourceful through advanced central library and online facility. 3. To Facilitate teachers for ready access of resource material at departmental level through departmental library and online journal facility.
	Year 3	<ol style="list-style-type: none"> 1. Industry requirement can be full filled by providing skill based training. 2. Equip students with soft skill/ communication skills via language laboratory software in laboratories and online tools. 3. Increase employability of students by strengthening Career Counseling Cell of the college and to develop placement cell.
	Year 4	<ol style="list-style-type: none"> 1. To provide effective teaching through various techniques/tools. 2. To provide adequate facilities in all the engineering discipline.
	Year 5	<ol style="list-style-type: none"> 1. To help students to take-up industry based projects for application of acquired knowledge and get exposure on current industry trends 2. To carry-out research and consultancy work jointly by faculty and student teams.

c) Research :		
	Year 1:	<ol style="list-style-type: none"> 1. Enhanced research publication by Teachers and research scholars in referred journals. 2. Speed up the progress of research scholars by procurement of modern instruments.
	Year 2	<ol style="list-style-type: none"> 1. Increase the number of publications by enhancing research facilities. 2. Power Generation using reverse Engineering
	Year 2	<ol style="list-style-type: none"> 1. Encouraging more candidates to register PhD 2. Getting more sponsored projects, To create conducive environment to do research work
	Year 2	<ol style="list-style-type: none"> 1. Through Incubation centers more Research ideas can be converted into products. Mathematics will be enhanced through latest software.
	Year 2	<ol style="list-style-type: none"> 1. To acquire more geographical information through GIS/RS system. 2. To weather monitoring conditions in the region.
d) Extension :		
	Year 1:	<ol style="list-style-type: none"> 1. Facilitate general people through Legal Aid Clinic. 2. To provide facilities for the cultural heritage of Tamilnadu. 3. Help solve the problems of women through women empowerment programme. 4. Benefit to local villagers and NGO through programs and services.
	Year 2:	<ol style="list-style-type: none"> 1. Help teachers and students to enhance their knowledge base of IT and Communication Technology. 2. Environmental awareness and social obligation among students will be initiated.
	Year 3:	<ol style="list-style-type: none"> 1. To provide quality legal aids.
	Year 4:	<ol style="list-style-type: none"> 1. Awareness and importance of extension services to strengthen among the students. 2. Extension services shall be used for public at large scale.
	Year 5:	<ol style="list-style-type: none"> 1. Beautify of the college campus. 2. To establish the solid waste management system. 3. To enhance the ground water level.

e) Any other :		
	Year 1:	1. Update the educationists through conference workshops and seminars.
	Year 2:	1. Provide easy access to modern instrumental facilities through common facility centre. 2. Enhancement of Communication skills among teachers and students.
	Year 3:	- As above
	Year 4:	- As above
	Year 5:	- As above

	Expected Outcome/Output	At the End of Five years
	a) Teaching/Evaluation (UG)	<p>The use of ICT based classroom teaching will help to improve skills and motivate to understand future technologies and understand problems, imagination visually through virtual classes/internet videos, laboratory experiments visually by online materials.</p> <p>Enhancing skill oriented knowledge and subsequently real time projects can be handled in on campus.</p> <p>Choice based credit system helps to improve the interest of learning the subjects. Fast track courses system would be easy to clear the subjects then and there.</p> <p>More tie-ups with reputed industries and universities for student exchange and faculty exchange programs.</p>
	b) Teaching/ Evaluation (PG)	<p>By the project based learning a research culture shall start to developing this require latest technology based equipments and stationary & other material can be provided to students.</p> <p>Research tree for interfacing UG students, PG students, PhD scholars and domain specific faculties for better research outcome and patenting the products and innovative ideas.</p>
	c) Research :	<p>Research level will definitely sharpen with high quality publication. Faculty members will be motivated by providing infrastructure and research facilities. As a consequence an international research culture will develop high quality research articles publication in referred journals will prevail.</p>
	d) Extension	<p>Sharing of our resources and expertise's with other institution of rural and urban areas, which results in contribution to national integration.</p>
	e) Any Other (Please Specify)	<p>Exploration of the hiding talent of the faculty members and student and to motivate them to explore his talent in all direction and prevent the students to unfair practices.</p> <p>Students must be motivated to practice for problem solving skills and social economic related requirements. Strengthening the alumni interaction.</p>

CERTIFICATE

This is to certify that the above Action Plan and Budget have been proposed by the college after consulting its major stake holders, in particular, the teaching faculty, as per the UGC XII Plan Guidelines for CPE/CE. The college hereby undertakes to adhere to the approved Action Plan and to take all the necessary steps for meeting the targets envisaged to achieve excellence as proposed.

Principal
(Signature with seal)

Place : **Mahendhirapuri**

Date :

**REPORT OF THE EXPERT COMMITTEE TO ASSESS THE PERFORMANCE OF
THE COLLEGE FOR CPE/CE STATUS**

COLLEGE INFRASTRUCTURE

- 130 acre campus with serene atmosphere
- A fully computerized Library containing 1.2lacs books/periodicals and about 1500 online books/periodicals/journals through inflibnet
- Fully Computerized Administrative Office
- Wi-Fi campus with 12 Mbps internet connectivity
- Digital repository system with HP / IBM Servers for Digital Storage
- 109 Digital Class rooms equipped with LCD Projector and audio systems
- Seven Seminar Halls with audio/video facility
- Health Centre & College Canteen
- Computer Laboratories equipped with more than 1000 computers and Internet connectivity through LAN
- All the Departments has own separate office with computer & Internet facility
- Departmental Libraries with specialized books
- A big hall “**MG Auditorium**” with seating capacity for 1500 spectators
- A big athletic field, one basket ball court, one volley ball court, one indoor badminton court & two multi-station gymnasium for physical fitness
- Two wheeler and Car stand for student & staff, 12 Staff Quarters, Principal residence and fully furnished guest house available
- Specially designed English language laboratory
- Two silent generators with 500 KVA capacity for 24x7 power backup
- RO Plant and Eleven water coolers
- Amenity Center equipped with latest reprographic machines, stationeries, etc.
- Two ATM machines for 24x7 banking facility
- The college under 76 CCTV Cameras surveillance.
- Four Water harvesting plants and five solar plants.
- Well furnished Girls Common Room, Career Counseling Cell, NCC Office, NSS Office, Examination Cell, Women empowerment cell, Entrepreneurship Development Cell, Proctorial Board Office & Moot Court Room.
- Lifts in each building to support physically challenged students
- Management Committee Room and Alumni Office.

FUTURE PLANS

- To tie-up with premier academic institutions and local industries for enhanced exposure
- To organize workshops and conferences by collaborating with Industries
- The college has plan to build Alumni centers in important cities in India and Abroad
- Initiate to launch programs for aptitude/Psychological & technical test for PG/UG final year students. This may include personality development workshops, follows up session and group discussion, group counseling
- To establish Virtual laboratories for different practical labs
- To seek approvals for additional professional courses so as to meet the demands of changing industrial scenario
- The college would like to start remedial classes for weaker students & enrichment programmes for brilliant students
- To establish smart classrooms in all departments to take teaching learning process to new heights
- College would like to start professional coaching classes for girls: exams like GATE, GRE GMATE, UPSC, TNPSC etc.
- College would like to establish hobbies club for student to enrich their self confidence
- College wishes to enhance the students and faculty knowledge through procurement of additional online journals other than infolibnet for creating conducive atmosphere to support research
- College is planning to start monthly news letter in future
- College is planning to adopt a village nearby to Namakkal District
- College is planning to start Japanese and Hindi class to enhance students to pursue higher studies at National/International level and also to improve the International placements

**NAAC, 2F, 12B
and
Autonomous
Certificate Copies**



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Mahendra Engineering College (Autonomous)
Mallasamudram (W), Namakkal, affiliated to Anna University, Tamil Nadu as
Accredited
with CGPA of 3.06 on four point scale
at A grade
valid up to July 09, 2019*

Date : July 10, 2014



Anasudai
Director

EC(SC)/02/A&A/130



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विराचविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Mahendra Engineering College (Autonomous)

Place : Mallasamudram (W), Namakkal, Tamil Nadu

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point (CrWGP _i)	Criterion-wise Grade Point Averages (CrWGP _i / W_i)
I. Curricular Aspects	150	450	3.00
II. Teaching-Learning and Evaluation	300	900	3.00
III. Research, Consultancy and Extension	150	430	2.87
IV. Infrastructure and Learning Resources	100	380	3.80
V. Student Support and Progression	100	300	3.00
VI. Governance, Leadership & Management	100	270	2.70
VII. Innovations and Best Practices	100	330	3.30
Total	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (CrWGP_i) = 3060$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (CrWGP_i)}{\sum_{i=1}^7 W_i} = \frac{3060}{1000} = \boxed{3.06}$$

Grade = **A**

Descriptor = **VERY GOOD**

Date : July 10, 2014



Anurag
Director

- This certification is valid for a period of Five years with effect from July 10, 2014
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/SC/02/A&A/130

अशोक कुमार डोगरा
Ashok K. Dogra

संयुक्त सचिव
Joint Secretary



दूरभाष PHONE : कार्यालय OFF : 23232055
फैक्स FAX : 23219716

विश्वविद्यालय अनुदान आयोग
बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110 002
UNIVERSITY GRANTS COMMISSION
Bahadur Shah Zafar Marg, New Delhi-110 002
E-mail : akdogra@ugc.ac.in

BY SPEED POST

No.F. 22-1/2012(AC)

Jan, 2013

The Registrar,
Anna University,
Sardar Patel Road,
Chennai - 600 025

17 JAN 2013

Sub:- Conferment of fresh Autonomous Status to Mahendra Engineering College, Mahendhirapuri, Mallasamudram, Tiruchengode Taluk, Namakkal Distt - 637 503 affiliated to Anna University Chennai.

Sir,

This has reference to the proposal dated 27/09/2010 submitted by Mahendra Engineering College, Mahendhirapuri, Mallasamudram, Tiruchengode Taluk, Namakkal Distt - 637 503 under the UGC scheme for conferment of fresh autonomous status and subsequent visit of the UGC Expert committee to consider the proposal on 10th and 11th Aug, 2012.

The report of the aforesaid Joint UGC Expert Committee was placed before the Standing Committee constituted for the purposes by the Commission to look into the Expert Committee reports for conferment of fresh autonomous status and extension of autonomy to colleges before its recommendations are placed before the Commission for its final approval.

The recommendations of the Standing Committee were placed before the Commission at its meeting held on 17th December, 2012. The Commission, after taking due consideration of the recommendations of the Standing Committee, agreed to grant autonomous status to Mahendra Engineering College, Mahendhirapuri, Mallasamudram, Tiruchengode Taluk, Namakkal Distt - 637 503 under the UGC autonomous colleges scheme for a period of six year w.e.f. the academic year i.e. 2013-2014 to 2018-2019.

The Anna University, Sardar Patel Road, Chennai - 600 025 may now go ahead and issue necessary orders in this regard by endorsing a copy of the same to this office for our records. The admissible grant under this scheme will be released to the College as per its eligibility, according to the norms as laid down in the XIth Plan Guidelines for Autonomous Colleges by the Joint Secretary, UGC South Eastern Regional Office, PB No. 152, APSFC Building, 4th Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001.

Yours faithfully,

(A.K. Dogra)

Contd.,

UGC
Autonomous
File
10/01/2013

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in
F. No. 8-179/2011 (CPP-I/C)



ज्ञान-विज्ञान विमुक्तये
SPEED POST

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

1629 / 20/3/12
524
March, 2012

The Registrar,
Anna University of Technology,
Mettupalayam Road, Jothipuram Post,
Coimbatore – 641 047,

Tamil Nadu.

16 MAR 2012

Sub: - Recognition of College under Section 2 (f) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter No. MEC/APP/PRO/REC/COLL/UGC/2010/02 dated 14.12.2011 received from the Principal, Mahendra Engineering College, Mahendhirapuri, Mallasamudram (W), Tiruchengode (Tk), Namakkal Dist. – 637 503, (Tamil Nadu) on the above subject and to say that it is noted that the following college is **un-aided/self financed and temporarily** affiliated to **Anna University of Technology, Coimbatore**. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head '**Non-Government** Colleges teaching upto **Master's** Degree':-

Name of the College	Year of Establishment	Remarks
Mahendra Engineering College, Mahendhirapuri, Mallasamudram (W), Tiruchengode (Tk), Namakkal Dist. – 637 503, (Tamil Nadu).	1995	The college does not fulfill the requirement of permanent affiliation. Therefore, the college is not eligible to receive Central assistance under Section 12 (B) of the UGC Act, 1956.

The indemnity Bond and the other supporting documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(M.K. Rewari)
Under Secretary

Copy to:-

- To
Voc - R
2P file
20/03/2012
1. The Principal, Mahendra Engineering College, Mahendhirapuri, Mallasamudram (W), Tiruchengode (Tk), Namakkal Dist. – 637 503, (Tamil Nadu).
 2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary Education & Higher Education, Shastri Bhavan, New Delhi – 110 001.
 3. The Secretary, Higher Education Deptt., Government of Tamilnadu, Secretariat, Chennai – 600 009, (Tamil Nadu).
 4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
 5. Publication Officer (Website-UGC), New Delhi.
 6. Section Officer (F.D.-III Section), U.G.C., New Delhi
 7. All Sections, U.G.C, New Delhi.
 8. Guard file.

(Sunita Gulati)
Section Officer

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in

F. No. 8-179/2011 (CPP-I/C)

The Registrar,
Anna University
Sardar Patel Road, Chennai – 600 025
Tamil Nadu



B. L. No: 508
Date: 23/2/15

विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

February, 2015

Sub: - Declaring a College fit to receive Central Assistance under Section 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter no. MEC/UGC/12B.2014-15/001 dated 10.11.2014 received from the Principal, Mahendra Engineering College, Salem-Tiruchengode Highway, Mahendhirapuri, Mallasamudram (W), Namakkal – 637 503, Tamil Nadu on the above subject and to say that it is noted that the following college is **un-aided/self financed** and **permanently** affiliated to Anna University, Chennai. The college is already included under Section 2 (f) of the UGC Act, 1956 vide this office letter of even No. dated 16.03.2012. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 12 (B) of the UGC Act, 1956 under the head **Non-Government, self financed** College teaching upto **Bachelor's Degree**:-

Name of the College	Year of Establishment	Remarks
Mahendra Engineering College, Salem-Tiruchengode Highway, Mahendhirapuri, Mallasamudram(W), Namakkal – 637 503, Tamil Nadu.	1995	The College is now declared fit to receive Central assistance in terms of Rules framed under Section 12 (B) of the UGC Act, 1956. However, the College, being a self financing & unaided, would be eligible to receive UGC's support only in respect of teachers & students related schemes as per the decision of the Commission dated 8 th July 2011.

The documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Charan Dass)
Under Secretary

Copy to:-

1. The Principal, Mahendra Engineering College, Salem-Tiruchengode Highway, Mahendhirapuri, Mallasamudram (W), Namakkal – 637 503, Tamil Nadu.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Secretary, Higher Education Deptt. Government of Tamilnadu, Secretariat, Chennai - 600 009, (Tamil Nadu).
4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
5. Publication Officer (UGC-Website), New Delhi.
6. Section Officer (FD-III Section), UGC, New Delhi.
7. Guard file.

(Sunita Khanna)
Section Officer



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg/Vasant Kunj, New Delhi-110067
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. Southern/1-3325148415/2017/EOA

Date: 30-Mar-2017

To,

The Principal Secretary
(Higher Education) Govt. of Tamil Nadu,
N. K. M. Bld. 6th Floor Secretariat,
Chennai-600009

Sub: Extension of approval for the academic year 2017-18

Ref: Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-7412871	Application Id	1-3325148415
Name of the Institute	MAHENDRA ENGINEERING COLLEGE	Institute Address	MAHENDHIRAPURIL MALLASAMUDRAM WEST, VADUGAPALAYAM POST, TRICHENGODU TK., NAMAKKAL DIST., NAMAKKAL, NAMAKKAL, Tamil Nadu, 637503
Name of the Society/Trust	MAHENDRA EDUCATIONAL TRUST	Society/Trust Address	KALIPATTY MALLASAMUDRAM,TIRUCHENGODE,NAMAKKAL,Tamil Nadu,637501
Institute Type	Unaided - Private	Region	Southern

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable
Opted for Conversion from degree to diploma	No	Opted for Conversion from diploma to degree	No	Conversion (degree to diploma or vice-versa) Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2017-18

Application Id: 1-3325148415			Course	Full/Part Time	Affiliating Body	Intake Approved for 2016-17	Intake Approved for 2017-18	NPS Approval status	PIO / FN / Gulf quota/ OCI Approval status	Foreign Collaboration/ Twinning Program Approval status
Program	Shift	Level								
ENGINEERING AND	1st Shift	POST GRA	COMMUNICATION SYSTEMS	FULL TIME	Anna University, Chennai	25	25	NA	NA	NA

Application Number: 1-3325148415

Note: This is a Computer generated Report.No signature is required.

Page 1 of 5

Letter Printed On: 18 April 2017

Printed By : AE1887451



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Nelson Mandela Marg Vasant Kunj, New Delhi-110067

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TECHNOLOGY		DUALITE								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER AIDED DESIGN	FULL TIME	Anna University, Chennai	25	25	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER AND COMMUNICATION	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONSTRUCTION ENGINEERING AND MANAGEMENT	FULL TIME	Anna University, Chennai	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONTROL SYSTEMS	FULL TIME	Anna University, Chennai	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	DIGITAL COMMUNICATIONS AND NETWORKING	FULL TIME	Anna University, Chennai	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MANUFACTURING ENGINEERING	FULL TIME	Anna University, Chennai	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Anna University, Chennai	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	AERONAUTICAL ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
	1st	UNDER	AGRICULTURE	FULL	Anna	60	60	NA	NA	NA

Application Number: 1-3325148415

Note: This is a Computer generated Report.No signature is required.

Page 2 of 3

Letter Printed On:18 April 2017

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All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

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ENGINEERING AND TECHNOLOGY		UNDERGRADUATE	ENGINEERING	TIME	University, Chennai					
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	CIVIL ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL AND AUTOMATION ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHATRONICS	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
	2nd	UNDERGRADUATE	COMPUTER	FULL	Anna	60	60	NA	NA	NA

Application Number: 1-3325148415

Note: This is a Computer generated Report.No signature is required.

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Letter Printed On:18 April 2017

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All India Council for Technical Education

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Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

ENGINEERING AND TECHNOLOGY	Shift	ER GRADUATE	SCIENCE AND ENGINEERING	TIME	University, Chennai					
ENGINEERING AND TECHNOLOGY	2nd Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA
MCA	1st Shift	POST GRADUATE	MASTERS IN COMPUTER APPLICATIONS	FULL TIME	Anna University, Chennai	60	60	NA	NA	NA

The above mentioned approval is subject to the condition that

MAHENDRA ENGINEERING COLLEGE

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

- The Regional Officer,**
All India Council for Technical Education
Shastri Bhawan 26, Haddows Road
Chennai - 600 006, Tamil Nadu
- The Director Of Technical Education**,**
Tamil Nadu
- The Registrar**,**
Anna University, Chennai

Application Number: 1-3325148415

Note: This is a Computer generated Report.No signature is required.

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Page 4 of 5
Letter Printed On: 18 April 2017



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

4. **The Principal / Director,**
MAHENDRA ENGINEERING COLLEGE
MAHENDHIRAPURI,
MALLASAMUDRAM WEST,
VADUGAPALAYAM POST,
TRICHENGODU TK.,
NAMAKKAL DIST.,
NAMAKKAL, NAMAKKAL,
Tamil Nadu, 637503
5. **The Secretary / Chairman,**
MAHENDRA EDUCATIONAL TRUST
KALIPATTY
MALLASAMUDRAM,
TIRUCHENGODE, NAMAKKAL,
Tamil Nadu, 637501
6. **Guard File(AICTE)**

Note: ** - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.



ANNA UNIVERSITY
CHENNAI - 600 025, INDIA

Date : 2/6/16

Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

Lr No. 02 /AFFLN/CAI/CBE/AU/2016-17/6113

Date: 12-05-2016

To

The Principal,
Mahendra Engineering
College(Autonomous),Mahendhirapuri Mallasamudram
West, Tiruchengode Taluk, Namakkal-637503

Sir,

Sub: AU - AFFILIATION - Provisional Affiliation for the existing course(s) / New course(s) / variation in intake - U.G. / P.G. for the academic year 2016-17 Granted - Reg.

- Ref: 1. Your application for affiliation for the academic year 2016-17
2. AICTE Approval for the academic year 2016-17.

I am to inform that under the provisions of Section 7.6.1 of the Statutes for affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G / P.G. courses with the sanctioned intake mentioned against each course for the academic year **2016-17** at **Mahendra Engineering College(Autonomous),Mahendhirapuri Mallasamudram West, Tiruchengode Taluk, Namakkal-637503**.

Sl. No.	Degree	Course(s)	Sanctioned Intake	
			2015-16	2016-17
1	B.E.	Aeronautical Engineering	60	60
2	B.E.	Agriculture Engineering	60	60
3	B.E.	Civil Engineering	180	180
4	B.E.	Mechanical and Automation Engineering	60	60
5	B.E.	Mechatronics	60	60
6	B.Tech.	Information Technology	120	120
7	M.B.A.	Master of Business Administration	60	60
8	M.C.A.	Master of Computer Applications	60	60
9	M.E.	Communication & Networking	18	18
10	M.E.	Communication Systems	25	25
11	M.E.	Computer Aided Design	25	25
12	M.E.	Computer Science and Engineering	18	18
13	M.E.	Construction Engineering and Management	24	24
14	M.E.	Control Systems	24	24
15	M.E.	Manufacturing Engineering	24	24
16	M.E.	Structural Engineering	24	24
17	M.E.	VLSI Design	18	18

The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:

- Production of Originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University.
- Verification by a Committee towards the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms and

standards of AICTE / University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and / or the provisions of Anna University, Chennai Act / Statutes / Regulations, AICTE Act, norms & standards / regulations / guidelines or any other law being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.

- Students should not be admitted for the above course(s) for the next academic year without obtaining the order of continuation of provisional affiliation for the next academic year from the University.

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.



Yours sincerely,

Handwritten signature
REGISTRAR
REGISTRAR
ANNA UNIVERSITY,
CHENNAI-600 025

Copy to:

1. The Director of Technical Education, DOTE campus, Chennai - 600 025.
2. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai 600 006.
3. Master file.



ANNA UNIVERSITY
CHENNAI - 600 025, INDIA

S I No. 608
8/4/17

Phone : (0) 22352161, 22357004
Fax : 91-44-2235 1956
Gram : ANNATECH
E-mail : registrar@annauniv.edu

REGISTRAR

Lr. No.111/ CAI / Permanent Affin. / 2016-17 / 6113

Dated: 03.04.2017

To

The Principal,
Mahendra Engineering College (Autonomous),
Mahendhirapuri, Mallasamudram West,
Tiruchengode Taluk, Namakkal-637503.

Handwritten signature in blue ink.

Sir,

Sub: **Permanent Affiliation** - Granting of Permanent
Affiliation for the existing programmes – 2016-17 – Reg.

Ref: Resolution 73.2 of 73rd SCA Meeting held on 23.02.2017

I am to inform that under the provisions of section 7.6.2 of the Anna University statutes for affiliation, **Permanent Affiliation** for the existing programme(s) is granted for the following B.E. / B.Tech. / B.Arch. / M.E. / M.Tech. / M.B.A / M.C.A programme(s) with the sanctioned intake indicated against each from the academic year 2016-17 at **Mahendra Engineering College (Autonomous), Mahendhirapuri, Mallasamudram West, Tiruchengode Taluk, Namakkal-637503.**

Sl. No.	Degree	Programme(s)	Sanctioned intake	Year from which Permanent Affiliation is granted
1.	B.E.	Civil Engineering	180	2016-17
2.	M.E.	Computer Science and Engineering	18	

The above said status of Permanent Affiliation is granted subject to the following conditions:

1. The college should obtain extension of approval by the UGC / AICTE / COA / DGS as applicable for every academic year for the above mentioned programmes with the corresponding sanctioned intake. In the absence of extension of approval from the appropriate authority, the Permanent Affiliation now granted will not be valid.
2. In case of increase in intake granted by the appropriate authority for a permanently affiliated programme, the college should apply to the University for the grant of affiliation for the increased intake and orders of the University should be obtained for increasing the intake of the permanently affiliated programme.

3. The college should continue to fulfill the requirements for the above mentioned programmes as per the norms and standards of the University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for these programmes.
4. The college should strictly adhere to and comply with the provisions of Anna University Act / Statutes / Regulations norms and standards / guidelines or any other law time being in force.
5. The permanent affiliation granted may be suspended / withdrawn after adopting the procedures laid down in the Regulations, if the college fails to comply with the provisions made in this behalf or the college has failed to observe / implement any of the conditions of affiliation or the college has conducted in a manner which is prejudicial to the interests of University education and/or students.
6. Notwithstanding the granting of Permanent Affiliation, the University reserves its right to inspect the college to verify the continued fulfillment of the affiliation requirements as prescribed by the University for the Programmes concerned.
7. The Permanent Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of Tamil Nadu Land Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A.No. 3454 / 2002 batch and W.A.No. 3482 / 2002 batch.
8. The Management is directed to submit a duly signed undertaking on a Rs.100/- non-judicial stamp paper to the Registrar, Anna University Chennai, Chennai-600 025, within 15 days from the date of receipt of this letter to the effect that the conditions specified above will be fulfilled.



Yours sincerely


**REGISTRAR
REGISTRAR
ANNA UNIVERSITY
CHENNAI-600 025**

Copy to:

1. The Director of Technical Education, Chennai – 600 025.
2. The Chairman, All India Council for Technical Education, 7th Floor, Chanderlok Building, Janpath, New Delhi-110 001.
3. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai 600 006.
4. Master File.



ANNA UNIVERSITY
CHENNAI - 600 025, INDIA

Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

Lr. No. 467 / CAI / Permanent Affln. / 2014-15

Dated:12.11.2014

To

The Principal,
Mahendra Engineering College(Autonomous),
Mahendhirapuri, Mallasamudram West,
Tiruchengode Taluk,
Namakkal - 637 503.

S. L. No: 325
Date: 14/11/14

Sir,

Sub: **Permanent Affiliation** - Granting of Permanent Affiliation for the existing programmes - 2014-15 - Reg.

Ref: Your application for the grant of Permanent Affiliation.

I am to inform that under the provisions of section 7.6.2 of the Anna University statutes for affiliation, **Permanent Affiliation** for the existing programme(s) is granted for the following B.E. / B.Tech. / B.Arch. / M.E. / M.Tech. / M.B.A / M.C.A programme(s) with the sanctioned intake indicated against each from the academic year 2014-15 at **Mahendra Engineering College(Autonomous),** Mahendhirapuri, Mallasamudram West, Tiruchengode Taluk, Namakkal - 637 503.

Sl. No.	Degree	Programme(s)	Sanctioned intake	Year from which Permanent Affiliation is granted
1.	B.E.	Computer Science and Engineering	120	2014-15
2.	B.E.	Electrical and Electronics Engineering	120	
3.	B.E.	Electronics and Communication Engineering	120	
4.	B.E.	Electronics and Instrumentation Engineering	60	
5.	B.E.	Mechanical Engineering	180	

The above said status of Permanent Affiliation is granted subject to the following conditions:

1. The college should obtain extension of approval by the UGC / AICTE / COA / DGS as applicable for every academic year for the above mentioned programmes with the corresponding sanctioned intake. In the absence of extension of approval from the appropriate authority, the Permanent Affiliation now granted will not be valid.

2. In case of increase in intake granted by the appropriate authority for a permanently affiliated programme, the college should apply to the University for the grant of affiliation for the increased intake and orders of the University should be obtained for increasing the intake of the permanently affiliated programme.
3. The college should continue to fulfill the requirements for the above mentioned programmes as per the norms and standards of the University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for these programmes.
4. The college should strictly adhere to and comply with the provisions of Anna University Act / Statutes / Regulations norms and standards / guidelines or any other law time being in force.
5. The permanent affiliation granted may be suspended / withdrawn after adopting the procedures laid down in the Regulations, if the college fails to comply with the provisions made in this behalf or the college has failed to observe / implement any of the conditions of affiliation or the college has conducted in a manner which is prejudicial to the interests of University education and/or students.
6. Notwithstanding the granting of Permanent Affiliation, the university reserves its right to inspect the college to verify the continued fulfilment of the affiliation requirements as prescribed by the University for the Programmes concerned.
7. The Permanent Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of Tamil Nadu Land Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A.No. 3454 / 2002 batch and W.A.No. 3482 / 2002 batch.
8. The Management is directed to submit a duly signed undertaking on a Rs.100/- non-judicial stamp paper to the Registrar, Anna University Chennai, Chennai-600 025, within 15 days from the date of receipt of this letter to the effect that the conditions specified above will be fulfilled.

Yours sincerely


REGISTRAR
REGISTRAR
ANNA UNIVERSITY
CHENNAI-600 025



Copy to:

1. The Commissioner of Technical Education, Chennai – 600 025.
2. The Controller of Examinations, Anna University Chennai, Chennai – 600 025.
3. The Director, Student Affairs, Anna University Chennai, Chennai – 600 025.
4. The Director, Academic Courses, Anna University Chennai, Chennai – 600 025.
5. Master File.

EVENTS ORGANIZED

Details of the EVENTS ORGANIZED in the College (in last 3 years)

S.No.	Event Date	Nature Of The Event	Title Of The Event	Resource Person(S)
1.	12.04.2017 To 13.04.2017	National Conference	Future Research Directiona To Mitigate The Climatic Changes And Its Effects Related To Energy Sector	Mr.R.Alagusabai., B.E..MBA.,DII.,
2.	8.3.2017	Technical Training	Power System Analysis	Dr.Christopher Ajiv Rajan .C Professor, Pondicherry Engg College, Puducherry
3.	01.03.2017	Training	" Electrical Engineering - Overview"	Dr.P.Raja & Dr.M.P.Selvan Professors/ /Electrical Engineering, National Institute Of Technology, Trichy.
4.	07.03.2017 & 08.03.2017	Seminar	Smart Sensors For Sustainable Smart Healthcare	1.Dr. N.Madhu Mohan Professor / ECE Amrita Vishwa Vidyapeetham Coimbatore Campus 2. Dr.C.Chistober Asir Rajan Professor / EEE Pondicherry Engineering College, Puducherry. 3.Dr.S.Thangavel Professor & Hod / EEE K.S.R.College Of Technology Tiruchengode-637215. 4. Dr.U.Ragupathi Professor & Hod / EIE Kongu Engineering College. 5. Dr.Andrews Samraj Professor / IT Mahendra Engineering

				College.
5.	28.02.2017	Project Contest	National Level - Project Contest'17 (Pdcon -17) In Association With IEEE PSES Madras Chapter.	Mrs.J.Harini Ceo, Livewire , Salem
6.	16.02.2017 17.02.2017	Workshop	Hands-On Training Program Using Matlab In Engineering Applications	Dr.S.Mahesh Anand, Founder & Cto Scs – India.
7.	07.02.2017 08.02.2017	Workshop	Industrial Automation Plc & Scada”	Prateek Gupta (Ceo & Founder– Innovians Technologies) (Ceo & Founder – Engineeri.Com)
8.	27.12.2016 28.12.2016	Workshop	Energize Bode And Mind	Mr.S.Karthikeyan Mrs.B.Mallika Mrs.M.Manonmani Mrs.G.Rani Mr.S.Sakthivel
9.	07.06.2016	Mails	New Horizon And Exploration Scope In Electrical Domain	Er. S. Saravanakumar (1995-1999 Batch) Senior Technical Manager, Hcl Technologies Private Ltd. Chennai.
10.	20.07.2016	Miles	Fundamental Concepts Of Electrical Power Systems And Its Industrial Applications	Dr.D.Vimalakeerthy, Professor/ Electrical Power Engineering Nizwa College Of Technology, Oman.
11.	01.08.2016	Miles	Neuro Fuzzy Techniques In Electrical Engineering	Dr.M.Muruganandam Wollega University, Ethiopia.
12.	21.06.2016	Guest Lecture	Power System Operation Andcontrol	Dr.Ravikumar Gourav Deputy General Manager, Gsh India Private Ltd., Bangalore
13.	15.07.2016	Seminar	Centre For Research In Energy	Dr.S.Arungalai Vendan School Of Electrical

			Systems	Engg. Vit - Vellore.
14.	22.07.2016	Seminar	Self Branding With Key Skill Set	Mr.Kiruba General Electric Global Research Center (Ge-Health Care), Bangalore.
15.	22.08.2016	Seminar	Industrial Trends And Innovation Scope	Mr.Kiruba General Electric Global Research Center (Ge-Health Care), Bangalore.
16.	26.07.2016	Workshop	Bio- Energy : Sustainability & Technology Perspective	1.Dr.Vimal Kmar Easwarlal,Ceo- Mangla Smart Energy Solutions Pvt.Ltd., Tirupur 2.Chaithanya Nambiyar R&D Engineer, Mangla Smart Energy Solutions Pvt.Ltd., 3.Mr.Mahadevan,President,Society Of Energy Engineers And Managers
17.	01.08.2016 03.08.2016	Workshop	Electrical Machine Winding Practices	Mr.P.Paratthuraj Mr.C.Gowthaman Ap / Dept. Of EEE, MEC.
18.	29.08.2016	Project Contest	National Level Project Expo	Dr.R.Anitha Professor & Head IRTT, Erode.
19.	23.07.2016	Awareness Program	Sky Yoga	Mrs.Shanthi Gnanavel Aliyar
20.	14.07.2016	Awareness Program	Kaaya Kalpam	Mrs.Shanthi Gnanavel
21.	19.07.2016	Awareness Program	Women As Role Model	A.S.Celine Agustine Mary Salem
22.	27.06.2016	Awareness Program	Heartful Meditation	Mr.Srinivasan Salem
23.	9.2.2016	Awareness Program	You Are What You Eat	Dr.Abirami Vadivelkumar Nutritionist
24.	1.8.2016	Miles	Define Fully Logic Controller Using Matlab	Dr.M. Muruganandam Dept Of EEE Wollega University
25.	26.05.2016	Guest Lecture	Electrical Machine-ii	Dr.S.Sreejith Asso Prof, VIT, Vellore
26.	11.2.2016	Workshop	Residences Wiring Practices	Mr.M.Muthu Vinayagam

				Ap/Eee/Mec
27.	18.11.2015	FDLP	A Gist To Just My Core	Mrs.V.Agalya,Mec Mr.P.Vijayakumar,Mec
28.	13.06.2015	FDP	Program On Teachers Tuning(Prote Tune)	Dr.M.Madheswaran Principal, MEC
29.	22.01.2016	Awarness Program(Wec)	Women- A Wonder	Mrs.Savitha Balasubramaniyan Lawyer Erode
30.	27.08.2015	Seminar	Programming and Training on Embedded System Design	Mr.Rajkumar Software Engg Robert Bosch Coimbatore
31.	18.09.2015	Seminar	Intellectual Property Rights	Dr.M.Kantha Babu Director , Cpir,Annauniversity, Guindy, Chennai.
32.	7.8.2015	Mails	Online Advertisement	Mr.S.Navaneeha Krishnan Sr.Ad Trafficker Paragon Digital Services Chennai
33.	16.07.2015	Workshop	Solar Pv Systems	Dr.Vimal Kumar Eswarlal CEO,Mangala Smart Energy Systems
34.	15.07.2015	Workshop	Electrical Machines And Wind Practices	M.Muthuvinayagam Associate Proffessor,Civil, Govt Engg College,Salem
35.	4.5.2015	Workshop	It Is Teaching Alone Enough For Present Say Situation	Mr.P.C.S.Nivas Infosys Campus Connect Ancher
36.	26.02.2015	Alumni Mails	Trends In Electronic Design	Mr.G.Arulmurugan
37.	19.02.2015	Workshop	Matlab Simulink/ Hands On Training	Dr.Ragupathi, Prof/EIE
38.	7.2.2015	Workshop	Control By Computational Intelligence Using Matlab	Dr.N.Kumarappan
39.	28.01.2015	Seminar	Integrated Wind Solar Systems	Dr.S.Thangavel
40.	27.01.2015	Guest Lecture	Engineering Students And It Opportunities	Mr.Mohan Kumar

41.	6.8.2014	Workshop	Power System Analysis Using Matlab	Dr.Vasantharathna Prof. & Head, CIT,Coimbatore
42.	1.8.2014	Workshop	Overview Of Plc And Scada	Mr.M.Manjunathan, Asst.Manager.Sr.Tech.Trainer, Yokogawa India Limited, Bangalore.
43.	27.07.2013	Guest Lecture	Web Based Software Development	Ms.S.Tharani , Senior System Engineer, ITO India Centre, HP Chenna
44.	27.02.2014	Guest Lecture	Software Development and Testing Tools	Mr.K.Jothe Vallal , Software Test Engineer, Kripya Engg Pvt Ltd, Chennai
45.	09.04.2014	Guest Lecture	Programming Fundamentals	Ms.T.Shanmugapriya , Assistant Professor, SSN College of Engineering
46.	14.09.2013	Seminar	Software Project Development and Project Management	Rajesh Balakrishnan , Associate Project Manager, Robert Bosch Engg & Business Solutions Bangalore
47.	14.09. 2013	Tech Fest	IT BOOSTER	Principal, Mahendra Engineering College
48.	24.01.2014 & 25.01.2014	Workshop	National Level Ethical Hacking Workshop-Cum-Championship	Mr. Anantharapu Chaitanya Krishna Researcher & Instructor for TechBharath Consulting
49.	01.08.2014	Mahendra Alumni Interactive Lecture Series	Resourcing Strategies and Policies	Mr.G.Saravanakkumar, Senior Software Engineer, Tech Mahendra, Chennai
50.	24.08.2014	Mahendra International Lecture Series	Research in Tamil Computing	Mr.Vignesh Raj, Researcher in Tamil Computing, Sheffield Hallam University
51.	26.08.2014	National Seminar	Emerging Trends in Computer Vision and Graphics	Dr.K.Thangavel, HOD/CS, Periyar University Dr.V.Meenakshi Devi, HOD/IT, K.S.R Institute of Engg and Tech
52.	28.08.2014	Workshop	Recent Technologies in	Mr. Vijayabharathi Senthilnathan,

			Data Warehousing	Sr Software Engineer, HCL Technologies, Chennai Mr.Arunkumar Sathasivam, Sr System Engineer, Infosys, Chennai
53.	26.09.2014	Mahendra Alumni Interactive Lecture Series	Making Sense of Internet and Data Science	Er.Rajkannan, IT Manager, Society Generation, Bangalore
54.	10.10.2014	Mahendra Alumni Interactive Lecture Series	Recent Developments in the theory of Data Structures	Mrs K. Sathiyapriya, AP(Sr. Gr.), Dept Of CSE, PSG College of Technology, Coimbatore
55.	11.10.2014	Workshop	Software Testing	Mr.S.Sampath Kumar, CEO, Sahanav Group, Chennai
56.	10.11.2014	Faculty Deeper Learning Program	Computer Networks	Mr.M.Mahadevan, AP/IT, MEC Prof.S.Raju, HOD/IT, MEC Ms.Kalaivani, AP/IT, MECW
57.	28.11.2014	Faculty Deeper Learning Program	Fundamentals of System Software	Ms. Akila, AP/IT, MCE Ms.S.Latha, AP/IT, MEC Ms.S.Umamaheswari, AP/CSE, MEC
58.	23.01.2015	Workshop	Android Application Development	Mr.S.Prithviraj & Mr.A.Dinesh Kumar Target Soft systems
59.	01.08.2015	Mahendra Alumni Interactive Lecture Series	Application Level Management	Er.Ganapathi Subramaniyam.J Senior Consultant, Infosys Limited, Electronic City Phase – I, Bangalore – 560 100
60.	27.08.2015	Mahendra Alumni Interactive Lecture Series	Bio-Informatics	Dr.S.Sathiyamoorthy, Senior Consultant, INSILICOGEN
61.	13.08.2015 & 14.08.2015	Mahendra International Lecture Series	Big – Data	Mr.Vignesh Raj, Researcher in Communication and Computing,,Sheffield Hallam University

62.	09.09.2015 & 10.09.2015	Workshop	Mobile Application Development in Cloud	Mr. Selva Murali, Software (Apps) Developer, V.M. Foundations, Visual Media Technologies,
63.	05.08.2015 & 06.08.2015	Workshop	Free Software Technology	1. Mr.P.Rajanand, Senior Web Engineer, UDProducts, Chennai. 2. Mr.L.Mugunthan, Research Assistant, Qruize Tech, Chennai. 3. Mr.M.J.Devakumar Web Engineer, Spritle Software, Chennai.
64.	13.08.2015 & 14.08.2015	Mahendra International Lecture Series (MILeS)	Guest Lecture on 1. Big Data Opportunities and Challenges 2. Speech Recognition	Mr.Vignesh Raj Researcher in Communication & Computing, Sheffield Hallam University, Sheffield, England, UK
65.	24.11.2015	Faculty Deeper Learning Programme	Fundamentals of Web Technolog	1. Prof.S.Raju HOD/IT, MEC 2. Mr.D.Sivakumar AP / IT, MEC 3. Mrs.S.Prema AP / IT, MEC 4. Mr.A.Anbumani AP / IT, MIT
66.	28.01.2016	Workshop	Software Engineering and Design Thinking	Dr.Senthil Jayavel, Associate Professor, School of Computer Engineering, Assistant Director Academics (Systems), Head, Software Development Center, VIT University, Vellore
67.	05.02.2016	Workshop	Web Development Using PHP and MySQL	Mr.Prasanna Ramadoss Senior Software Consultant,

				RR Donnelley, Chennai.
68.	23.02.2016	Mahendra Alumni Interactive Lecture Series (MAILS)	Network Essentials in IT Managemen	Er.T.Loganathan, Senior Network Engineer, Firetide, Networks Private Ltd, Bangalore.
69.	28.03.2014	Conference	8th National Conference Innovation In Computing Techniques(NCICT'1 3)	Dr.Natarajan Vijayaraghavan, Senior Scientist – TCS.
70.	07.07.2014 & 08.07.2014	WORKSHOP	Advanced Java Programming	Ms.B,Punithamalar, Infosys , Chennai.
71.	28.08.2014	Technical Event	Technical Fest	Dr.M.Madheswaran, Principal,MEC.
72.	15.09.2014	Guest Lecture	Advanced Non Linear Data Structures	Mr.R.B.Saroo Raj, AP/CSE, SRM University, Chennai.
73.	01.10.2014	Workshop	Managing Big Data	Ms.Ramani, Optimus Technocrafts, Salem.
74.	09.10.2014	Workshop	Advanced Mobile Computing	Mr. V.Angalagan, Sub Divisional Engineer, BSNL, Salem.
75.	10.10.2014	Guest Lecture	System Software	Mr.R.Golda Brunet, AP/CSE, Govt. College Of Engg., Salem.
76.	13.10.2014 & 14.10.2014	Workshop	Power of C	Mr.M.Pandiyan. Ms.R.Umagowri Mr.R.Venkadesh AP/CSE,MEC.
77.	05.11.2014 & 06.11.2014	Workshop	Power of C	Mr.M.Pandiyan. Ms.R.Umagowri Mr.R.Venkadesh AP/CSE,MEC.
78.	07.11.2014	Faculty Development Program	Faculty Deeper Learning Programme - Operating Systems	Mr.R.Venkadesh AP/CSE,MEC.
79.	14.11.2014	Technical Event	Technical Fest	Dr.M.Madheswaran, Principal,MEC.
80.	17.11.2014	Faculty Development Program	Faculty Deeper Learning Programme -	Ms.R.Umagowri AP/CSE,MEC.

			Rudimentary of Programming	
81.	26.11.2014	Faculty Development Program	Faculty Deeper Learning Programme - Fundamentals of Data Structures	Mr.M.Pandiyan. AP/CSE,MEC.
82.	29.12.2014 & 18.03.2015	MoU	Infosys Foundation Program FP 3.0	INFOSYS CAMPUS CONNECT.
83.	10.02.2015 & 11.02.2015	Workshop	Ethical Hacking	Mr.Puneet Kumar, Robo Edutech Ltd, Pune.
84.	27.02.2015	Guest Lecture	Applications Of Mobile Ad-hoc Networks	Dr.N.Balaji, AP/IT SSN College Of Engg., Chennai.
85.	16.03.2015 & 17.03.2015	Work Shop	Internet Protocol Version	Mr. Baldev Krishnamurthy CEO- A2B2 IT Services and 128 BITS Technologies, Bangalore.
86.	07.03.2015	Technical Event	Women's Day Quiz Conducted By Infosys	Mr.Roy Antony Arnold Education & Research, Infosys.
87.	14.08.2015	Workshop	Raptor and Scratch Tool	Ms.R.Umagowri & Mr.R.B.Ramesh, AP/CSE,MEC.
88.	13.08.2015	Seminar	Awareness Programme on IT Job Market And Technical Writing	Mr.Ravi Kiran, Director,Knowledge management, SAP LAB , Ms.Semmalar.J,Associat e Manager, SAP LAB, Bangalore.
89.	21/09/2015 & 22/09/2015	Workshop	Microsoft Azure	Mr.Rasheed Technical Corporate Trainer,Microsoft India Learning Academy.
90.	18.08.2015	Guest Lecture	Theory Of Computation	Dr. Kowsalya, Professor/CSE, Kongu Engineering College.
91.	28.09.15(FN)	Guest Lecture	OOAD	Mr.Roy Antony Arnold

				Education & Research, Infosys.
92.	28.09.15(AN)	Guest Lecture	C# and .Net	Mr.Roy Antony Arnold Education & Research, Infosys.
93.	27.11.15 & 28.11.15	Workshop	IBM Blue Mix	Mr.Balaji and ICTACT Trainers.
94.	30.11.15 & 2.12.2015	Workshop	Ruling Technology of Networking	Mr. Baldev Krishnamurthy CEO- A2B2 IT Services and 128 BITS Technologies, Bangalore.
95.	19.02.16	Seminar	Sales Force CRM	Ms.Shyamala, Business analyst, CTS, Chennai.
96.	25.02.16 & 26.02.16	Workshop	Networking for Engineers	Mr. Baldev Krishnamurthy CEO- A2B2 IT Services and 128 BITS Technologies, Bangalore.
97.	13.05.16	Workshop	ACTIVE LEARNING AND TEACHING METHODOLOGY	Mr.Roy Antony Arnold Education & Research, Infosys.
98.	21 st to 24 th March 2016	Workshop	Labview Basics (Core I & II) & Refreshment Course For Clad Exam	Mr. S. Tharanitharan
99.	16th March 2016	Seminar	Skills for Instrumentation Engineer	Dr.M.Kandasamy
100.	14 th March 2016	Guest Lecture	Industrial Automation using PLC and DCS	Dr.K.Srinivasan
101.	22 nd to 25 th February 2016	Workshop	Labview: graphical system design in engineering applications	Mr. D. Rajasekaran
102.	5 th February 2015	Seminar	NEW HORIZON AND EXPLORATION SCOPE IN MEDICAL INDUSTRY	Mr.S.KIRUBA
103.	9th & 10 th	Workshop	Labview Basics	Mr. A.Manimaran

	September 2015		(Core I & II) & Refreshment course for CLAD exam	
104.	25th August 2015	Guest Lecture	EMERGING TECHNIQUES IN BIOMEDICAL TOWARDS INSTRUMENTATION	Dr.M.Ezhilarasi
105.	16th July 2015	Seminar	Latest up-graduation in Instrumentation Technology	Mr.J.Vishnu Varadhan
106.	18 th February 2015	Workshop	Advanced Instrumentation for Automation in Cement Industries	Mr. Thilip G
107.	10/3/2017	Guest Lecture	Applications of Aerodynamics on Aircraft	Suresh.C HICET, Coimbatore
108.	7/3/2017	Guest Lecture	Propulsive System In Aircraft	Ganesan.V.G Assistant Professor SRM Eswari College of Engineering chennai Email: vgaesi@gmail.com PH : 9443251980
109.	1/3/2017	Workshop	Computational Fluid Dynamics Technigues	Dr. P.S. Premkumar Asst. Professor. Srg Dept. Of. Aero. Kumaraguru College Of Tech. Coimbatore.
110.	21-02-2017	Technical Training	Preparation of Composite Material	Dr.V.Anandkrishnan Assistant Professor, Dept Of Production Engg. Nit Trichy E-Mail:Krishna@Nitt.Edu
111.	10/1/2017	Seminar	Unmanned Aerial Vehicle	Mr. Suresh Barola Barola Aero Sports Pvt Ltd. Chennai 32
112.	14-12-2016	FDP	Preparation of Research Proposal And Funding Projects	Dr.M.Kantha Babu Director, Center For IPR, Anna University, Chennai,
113.	22-07-2016	Guest Lecture	Trends In TQM	D.Eregamani Asst.General Manager &

				Head. Tqm Carborundum Universal Ltd. Housur - 635126
114.	20-06-2016	Seminar	World Of Opportunity And Future Of Indian Aviation	K.Murugan Md., Sharavan Aero Technologies Pvt Ltd. Aircraft Component Mro. Chennai - 32
115.	22-09-2016	Guest Lecture	Aircraft Structures	Dr.K.Jayaraman Professor Of Excellence, Department Of Aerospace Engineering Mit, Chennai
116.	2/9/2016	MAILS	A 360 Degree View Of Aviation Industry	Shamsudeen Kabef Jan
117.	18-08-2016	NSS,CII Health Care Program	Ilyanar Nalam Indiavin Nalam	Mr.P.Vimalan, Dr.S.Ashok, Dr.Mohana Vengada
118.	6/1/2016	Seminar	KAASHIV INFO TECH	Mr.Venkatesan Prabu Anna Nagar Chennai
119.	26-02-2016	MILES	CFD Modeling and Simulation for aeronautical Apps	Dr.M.Piramanandhan mob:9894434180
120.	2/2/2016	Workshop	GESTURE CONTROLLED AND PC CONTROLLED QUAD COPTER	Mr. suresh Barola & Mr.karan Barola Fonnder & Chairman of Barola AeroSports chennai Contact:9840978873
121.	16-11-2015	FDLP	Basics of Aeronautics	Mr.P.Vinayagam AP/Aero Mr.M.Rajadurai, Ap/Aero
122.	4/9/2015	Symposium	National Level Symposium SAQQARA-15	Gp Capt. Gunasekaran Former Indian Airforce Sulur, Coimbatore
123.	31-10-2015	Workshop	Highly Effective Teaching and Learning Methodologies	Dr.M.Kantha Babu Professor, Anna University Chennai
124.	17-08-2015	Workshop	National Level Workshop on UAV and Aero modeling	Mr.Ravikumar CEO & Founder of Ass Coimbatore Chief Instructor Indian Air Force

125.	14-09-2015	Guest Lecture	Aircraft Structures	Dr.K.Jayaraman Prof, MIT Chrompet Chennai Ph: 9445633947
126.	22-06-2015	Guest Lecture	Life and Experience in Flying	Mrs.Dawn Former US airline officer
127.	15-04-2015	Guest Lecture	Honouring Ceremony	R.Sundaram
128.	13-04-2015	MOU Signing Ceremony	MOU with MSME and ByPro Technologies	Dr.R.Panneer Selvam
129.	19-02-2015	Symposium	AEROSAGA 15	Mr.Shikhar Chaturvedi
130.	22-09-2014	Program	Unmanned Arial System	S.Suresh Barola
131.	18-09-2014	Seminar	An Overview of Various Projects in HAL	s.suresh
132.	12/9/2014	Symposium	National Level Technical Symposium (ICARUS-14)	Shri.V.Dillibabu
133.	24-11-2014	FDLP	Composite Material and Structures	Prof C.Dhavamani HOD/AERO Dr.P.Saravanan . HOD/MAE Mr.M.Rajadurai AP/AERO
134.	12/11/2014	FDLP	Rockets and Missiles	Dr.R.Mukesh AP,Aero,MEC Manibharathi, AP,AERO,MEC Sakthivel, AP,AERO,MIET
135.	6/2/2015	Guest Lecture	SCOPE IN AEROSPACE INDUTRIES	AISHWARYA.S STATIC ENGG EMAIL : koolkrishna92@gmail.c om ph : 9916650958
136.	16-10-2014	Symposium	AERODYNAMIC- II & HALICOPTER THEORY	Prof C.Dhavamani HOD/AERO
137.	22-08-2014	Guest Lecture	AIRCRAFT STRUCTURE-II	Dr.K.Jayaraman Professor of Excellence, Department of Aerospace Engineering MIT, Chennai

138.	12/9/2014	Symposium	MISSILES	SHRI.V.DILLIBABU SCIENTIST-D,GAS TURBNE AND REASEARCH ESTABLISHMENT,DRDO- BANGALORE. E-MAIL: dilli.drdogmail.com 080- 25040833
139.	1/9/2014	Guest Lecture	DESIGN SOFTWARE FOR AROSPACE ENGINEERING	Mr.O.S.ABDUL KHADHAR
140.	25-08-2014	Seminar	HIGH TEMPRATURE INSTRUMENTATION FOR AEROSPACE APPLICATION	MR.S.V. SUBBA RAO HEAD,HEAT TRANSFER AND COMBUTATION LABRATIES. VIKRAM,SARABHAI SPARE CENTRE E-MAIL : subbaraosv12@yahoo.c om ph : +91 9443738340
141.	1/8/2014	Workshop	TECHNOLOGY FOR CREATIVITY AND INNOVATION CADD TOOLS	Mr MANIKANDESWAR NO.12A,K.K ROAD,VENKATAPURAM, AMBATORE,CHENNAI- 600053 E-MAIL: manikandeswar@caddc entre.ws ph:+918939232296
142.	19/8/2013.	Guest Lecture	Recent trends on Gas Dynamics	Dr.M.Udhayakumar, Professor, Mechanical Engineering, NIT, Trichy.
143.	20/1/ 2014	Guest Lecture	Finite Element Analysis	Dr.P.Parthiban, Associate Professor, National Institute Technology, Trichy.
144.	7&8/2/ 2014.	Workshop	National Building Code of India 2005	IE(I) Salem
145.	12&13/02/2 014.	Workshop	RoboTryst-2014 Quad Copter & UAV Zonal Rounds	IIT Delhi
146.	21/2/2014	symposium	National level technical symposium – Kosmik-14	Mr.Ganesan, Professor, PSG college of Technology, Coimbatore.
147.	8&9/2/2013.	Workshop	Automotive Power	IIT Delhi

			Train Engineering	
148.	21.02.2017	Mails	The way of art in interior and exterior designing	Mohana Manikandan E.V Designer, Design Intend ,Hosur
149.	22.02.2017	Training	Structural design and reinforcement detailing	Dr.Gopala Krishnan.P, Managing Director, G.K. Construction, Erode.
150.	10.03.2016	Training	Modern surveying and its applications	Dr.subramani.T, Assistant Professor, Anna University, Chennai.
151.	23.02.2017	Training	We are the future 2020 in construction industry	Dr. Gopinathan.MJ, Managing Director, JPG Hhousing & Projects (p) ltd, Avinashi.
152.	16.02.2017	Mails	Formwork	Er.Suraj.N, Form work in charge, construction of commercial building, Faridabad. L & T Construction-Delhi
153.	09.03.2017	Training	Sustainable mass housing	Dr. Gangolu Appa Rao, Professor of Civil Engineering, IIT Madras
154.	09.03.2017	Conference	“modern and emerging trends in infrastructure development for sustainability (metids-17)”	Dr. Gangolu Appa Rao, Professor of Civil Engineering, IIT Madras
155.	24.02.2017	Training	Advancements in strength of materials	Dr.m.p.muthuraj , assistant professor, department of civil engineering, coimbatore institute of technology, Coimbatore.
156.	17.02.2017	Training	Quality control at construction site	Dr.sudhahar.a, managing director, dimensions structural design, Coimbatore.
157.	14.02.2017	Training	Overview of steel structures	Dr.Thirugnanam G, Professor and head,

				institute of road and transport technology, Erode.
158.	24.02.2017	Seminar	“current trends in building design and analysis”	Mr.C.Suresh, business support manager, CADD center, chennai,
159.	16.02.2017	Mails	Recent trends in environmental engineering	Mr. R.tamilarasan, AP /civil, Veltech Engineering College, Chennai
160.	01.03.2017	Workshop	Characterization of cement concrete (c317)	Dr.A.R.Santhakumar, Emeritus Professor, Former Dean Of Civil Engineering, Anna University, chennai.
161.	16.11.2016	Mails	Job opportunities in civil engineering	Er. M.shivani, formwork engineer, L & T construction, delhi
162.	19.09.2016	Workshop	Concrete day celebration’16	Er. M.Elanthendral, incharge - customer support and service, Tamil Nadu Region, the associated cement companies limited, Coimbatore.
163.	24.08.2016	Seminar	Present scenarion on water resource engineering	Er.K.Manuraj, Director/Imti Dr.A.Ranganathan, Research Associate/Imti & Er.M.Sekar, Assistant Profesor/Imti.
164.	22.08.16 & 23.08.16	Workshop	Foundation analysis	Mr.Sachin Prakash Chaugule, Trainer, Robokart, Mumbai.
165.	19.08.2016	Synompsium	Ciraz 2k16	Er.R.Sivalingam,B.E., Mba.,Fiv,Managing Director,Sigaram

				Construction, Erode Dr.G.Arun Kumar,Assistant Professor,Government Collegeof Engineering,Salem.
166.	22.08.2016	Mails	Role of site engineer and green house construction	Er. A. Sakthivel, Site Engineer, Fact Engineering And Design Organization, Udhyogamandal, Ernakulam
167.	16.08.2016	Mails	The quantity surveyor and planning in civil industry	Er. K.R. Arjun Adhithya, Get - Qs And Planning, Jmc Projects (India) Limited, Ahmedabad.
168.	11.08.2016	Mails	A role of formwork engineer in civil construction	Er. N. Dinesh Kumar, Formwork Engineer,L & T Construction, Mumbai
169.	29.07.2016	Mails	Looping into the loop holes	Er.R.Ranjini, Project Director, Jci Salem Rungs
170.	14.07.2016	Seminar	Characterization of cement concrete (c ³ -16)"	Dr. R. Thenmozhi M.E., Ph.D Associate Professor Of Civil Engineering Government College Of Technology Coimbatore And Er. P.Soundra Pandiyan, Senior Section Officer, Railways Department, Salem Division,
171.	01.07.2016	Guest lecturer	Theroy of structures	Dr.K.Chinnaraju, Associate Professor – Division Structural Engineering Anna University Chennai

172.	28.06.2016	Mails	Role of software technology in civil engineering	Er.R.Sundararaj, Consulting Engineer And Structural Consultant,Namakkal .
173.	21.06.2016	Miles	Applications of GIS	Dr.Hiromichi Fukui, Professor Of Chubu University, Japan
174.	07.04.2016	Conference	National level conferenece” Emerging trends in Infrastructure Development for Sustainability	Mr.J.M.Chandra Kishen Professor Dept Of Civil Engineering, Chairman, Centre For Scientific And Industrail Consultancy, Chairman Centre For Infrastructure Sustainable Transporation And Urban Planning Indian Institute Of Science, Bangalore & Er.K.Venkataraman, Ici- General Secretary Tamilnadu, Regional Head Technical Serivces, Ultra Tech Cement Ltd, Chennai.
175.	21.03.2016	Mails	Pre-engineered building (peb)	Er.G.Sasikumar ,Junior Design Engineer, Karthik Roofing & Structural Pvt,Ltd, Bangalore.
176.	22.03.2016	Miles	Innovative structural applications of ferrocement in singapore	Dr.P.Paramasivam , Former Professor ,Dept.Civil Engineering, National University Of Singapore, Singapore
177.	15.03.2016	Nit	Infrastructure Developments in India	Dr.T.Ramesh, Associate Professor/Civil Dept, Nit,Trichy
178.	11.03.2016	Mails	An overview of	Ms.M.K.Soundarya,

			water resources, water supply and waste water management	Assistant Professor, Dept. Civil Engineering, Vels University, Chennai.
179.	04.03.2016	Guest lecture	Advancement in structural analysis	Dr.S.Sukumar, Professor And Head GCE, Salem.
180.	28.02.2016	Guest lecture	Fundamental and application of finite element methods for structures	Dr.T.Palanisamy Professor For Structural Engineering & Coe, Ksr College Of Engineering, Tiruchengode
181.	26.02.2016 & 27.02.2016	Workshop	Bridge designing - iit workshop	Mr.Sachin Chougule Assistant R&D Head And Trainer ,Ark Technosolutions, Mumbai
182.	23.02.2016	Seminar	Advanced testing methods for concrete durability	Dr.R.Selvaraj, Principal Scientist & Head, Civil Materials Testing Labortory ,Csir-Cecri,Karaikudi. Er.K.Venkataraman, Ici- General Secretary Tamilnadu, Regional Head Technical Serivces, Ultra Tech Cement Ltd, Chennai.
183.	01.10.2015	Workshop	Concrete mix design” (concrete day celebration)	Er.S.Nachimuthu , President Federation Of All Civil Engineering Association, Tiruchengode
184.	29.09.2015	Workshop	Engineer days celebration	Er. D.Ramesh ,Managing Director,Rr Consultancy And Contractors,Tiruchengode, Namakkal
185.	18.09.2015	Seminar	Multimat’15-	Dr.K.Muthumani,Profes

			characterization of multifunctional materials for engineering application	<p>sor Structural Engineering Division School Of Mechanical And Building Sciences Vit University Chennai Campus Dr.N.Anandavali Principal Scientist Csir-Structural Engineering Research Centre-Chennai</p>
186.	10.09.2015 & 11.09.2015	Project expo	Kudil 21 st centura build expo'15 & mou signing	Er.R.Sivalingam State President- Federation Of All Civil Engineering Association Tamilnadu And Puduchery
187.	11.09.2015	Synompsium	Recent trends in civil engineering	Er.R.Ilangovan ,Superintending Engineer Pwd, Wro Parambikulam Aliyar Basin Circle,Pollachi
188.	24.08.2015	Mails	"exploring a new world – corporate life "	Er.N.Renuga Formwork Engineer,L&T Construction, Kial Project
189.	21.08.2015	Mails	"an overview on bar bending schedule "	Er. S.Arunkumar,Design Engineer, Hochtief (India) Private Limited,Chennai.
190.	14.08.2015	Mails	"structural detailing "	Er. M. Sridharan , Edecons Consultants Pvt Ltd,Bangalore.
191.	12.08.2015	Workshop	"software application in project management and design space"	Dr.G.S.Kanagavel, Centre Head Cadd Centre, Salem.
192.	06.08.2015	Miles	"fundamental of	Dr.S.Neelamani ,Senior

			ocean and coastal engineering and job opportunity in united arab emirates”	Research Scientist, Program Manager For Coastal Management Program, Environmental And Life Sciences Research Center, Kuwait
193.	05.08.2015	Guest lecturer	“fundamental and application of strength of materials ”	Dr.T.Palanisamy Professor For Structural Engineering & Coe, Ksr College Of Engineering, Tiruchengode.
194.	22.07.2015	Ici-inaugural	“indianconcrete institute - inaugural”	Er.R.Radha Krishnan Secretary General, Ici. & Er.K.Jayasankar Assistant Vice President(Technical Services), Ultra Tech Cement,Ltd.
195.	17.07.2015	Seminar	“contemporary challenges in civil engineering ”	Dr.R.Senthil Professor & Director, Btc ,Anna University ,Chennai. & Er.A.Sudhahar Managing Director, Dimensions ,Coimbatore.
196.	09.07.2015	Guest lecturer	“advancement in steel structures”	Dr.D.Shoba Rajkuamr Associate Professor & Gce Salem.
197.	27.02.2015	Seminar	“green technology for environmental issues ”	Dr.S.Mathava Kumar Environmental And Water Resource Division, Iit Madras & Dr.G.Vimala Rosaline Professor & Hod(P.G) Gce,Salem.

198.	18.02.2015	Workshop	“safety management ”	Mr.R.Venkatesh Business Development Manager, Cr Academy Fire And Safety Forum,Chennai
199.	11.02.2015	Mails	“estimation and costing ”	Er.S.Rajasekar Er. K.Mohammed Jeelan Managaing Partners, Royal Constructions,Salem
200.	21.04.2015	Guest lecturer”	Vasthu and town planning	Er.C.Mani Former President Plastic Construction, Civil Engineering Association, Salem & Er.B.Selvakanthan President –Building, Information Centre, Sk Designer Architect And Engineering, Salem.
201.	24.09.2014 & 25.09.2014	Project expo	“build expo’14 on kudil 21 st centura”	Mr.Pachayappa Dhan Foundation, Kovai
202.	22.05.2014	Workshop	Safe construction of new building against earthquake -	Dr.V.Rajkumar Professor ,Gce,Saelm
203.	31.07.2014	Seminar	“ replacement materials in concrete	Dr.G.Thirugnanam Professor & Head, Irтт Erode.
204.	07.02.2014 & 08.02.2014	Workshop	“two days workshop on national level building code’-2014	(I) Er.K.Boopathi S.E/Commisionrate Of Municipal Administartion (ii) Dr.G.Thirugnanam (iii) Dr.R.Senthil (iv) Dr.S.Radhakrishnan (V) Dr.I.S.Jayagopal

205.	24.8.2015	workshop	Today's Challenges in Agriculture Engineering	Er.R.Ilangovan, M.E Superintending Engineer, P.W.D./W.R.D., Parambikulam Aliyar Basin Circle, Pollachi. Dr.Balan, Director, Aqua Solutions, India, Salem. Anthiyoor G.Selvaraj Farmer, Svn Organic Farms
206.	08.02.16	Workshop	Historical Development of Agriculture and Agriculture Engineering	Dr.P.Venkatachalam Former Dean & Professor Tamil Nadu Agricultural University
207.	17.02.2016	Guest lecture	Consumer act and food Safety	Mr.K.K. Chokckalinkam,Co- Ordinator,Citizen Consumer Club,Tamilnadu & Mr.C.R.Rajeshkanna, Coordinator,Citizen Consumer Club, Namakkal
208.	25.02.2016	workshop	Maintenance of micro irrigation system	Mr.P. Ashok Kumar, M.C.Mohan, Union Chairman, ATMA Scheme, Er.K.Natrajan, Assistant Executive Engineer, AED, Tiruchengoduassistant Director Of Agriculture, Mallasamuram
209.	28/07/2016	Seminar	Design of Shaft and Coupling	Dr.P.Sathiya Associate Professor, Department Of Production Engineering National Institute Of Technology Tiruchirapalli

210.	24.08.2016	Seminar	Present scenario on water resource engineering	Er. K.Manuraj Director , IMTI , Trichy
211.	24.02.2017	Technical Training	Watershed development	Dr. S. Senthilvel Professor- Soil and Water Conservation Engineering, Tamilnadu Agricultural University.
212.	28.02.17	Seminar	SCOPE & PROSPECTS IN INDIAN FOOD INDUSTRY	Dr. Saraswathy Eswaran, Secretary, Ramasamy Chinnammal Trust, Coimbatore
213.	03.04.2017	Faculty Deeper Learning Programme (FDLP)	"Analog and Digital Communication"	Mr.N.Shanmugasundaram Prof./ECE,MEC V.Senthilkumaran AP/ECE,MEC D.Chitra AP/ECE,MCE N.Jayanthi AP/ECE.MEC
214.	16.3.2017 To 18.3.2017	Inplant Training	BSNL Training	V.Anbalagan,CRM, Salem M.S.Sivam CRM,Tiruchengode
215.	6.3.2017	Guest lecture	Guest lecture on Medical Electronics	Mr.G.L.karthik AP/Dept. of Biomedical Engg. Mahendra Inst. Of Tech, Namakkal
216.	3.3.2017 & 4.3.2017	IEEE Conference	IEEE Conference on Emerging Devices and Smart Systems	Dr.Manoj Sharma, Secretary, IEEE India SSCS chapter Shri.T.Pradeep, IIT Madras Research park, Chennai Dr.Karthikeyan Ramasamy, CTO,Teclever, Bengaluru
217.	1.03.2017	Mahendra International Lecture Series (MILes)	Current Research in Internet of Things:	Dr. ZUBEIR IZARUKU DAFALLA,

			Issues and Implementation Challenges	Asst. Dean, Academic Affairs and Scientific College of Applied Sciences, Salalah, Ministry of Higher Education, Sultanate of Oman
218.	23.2.2017	Technical Training	Insight of Control Systems	Dr.M.Suganthi, Prof. /ECE Mahendra College of Engg., Salem
219.	24.2.2017	Technical Training	Technical Training in Signals and Systems	Dr.P.G.S.Velmurugan, Assistant Professor, Department of ECE Thiagarajar College of Engineering, Madurai
220.	24.2.2017	Technical Training	Technical Training in Digital Image processing	Dr.S.Md.Mansoor Roomi, Assistant Professor, Department of ECE Thiagarajar College of Engineering, Madurai
221.	20-2-2017 & 21-2-2017	National Level Workshop	Recent Trends in Communication and Networking using CISCO Packet Tracer	Dr.V.Jayaprakasan, Chairman, IEEE PSES (Madras Chapter) Asso. Professor / ECE, Sreenivasa Institute of Technology and Management Studies, Chittoor, AP.
222.	17.2.2017	Mahendra Alumni Interaction Lecture Series (MAILS)	Pattern Recognition and Machine learning	K.B.sathya Research Scholar(Full Time) MIT Campus, Chennai.
223.	28.1.2017	Seminar	Ethics in Peer-reviewed Research Publications	Dr.R.Jayavel, Director-Centre for Research,

				Anna University, Chennai.
224.	29-11-16 & 30-11-16	Workshop	Hands-on Training on Embedded System Design using Arduino Platform	Prof.V.Senthilkumaran, AP/ECE Mahendra Engg. College, Namakkal
225.	23-9-2016	Contest	Project Expo and Technical Events	Dr.Muthuvinayagam Prof./EIE Mahendra Engg. College
226.	12.9.2016	Mahendra Alumni Interaction Lecture Series (MAILS)	Opportunities in Software Domain	A.Santhoshkumar CEO - First Success Technologies, Salem
227.	8.9.2016 & 9.9.2016	Workshop	Hands on training on MSP430 Microcontroller	Mr.C.Sathguru Ensemble Technologies, Erode
228.	19.8.2016 & 20.8.2016	Workshop	Embedded System Design using PIC Microcontroller	Dr.M.Kannan, Technical Consultant, Vaarahi Embedded (P) Ltd., Coimbatore
229.	30-7-2016	Workshop	Hands on training In Network Analyzer	Mr.Saravana Prabu Application Engineer, Scitech technology, Coimbatore
230.	22-7-2016	Seminar	Peizoelectric Nano Generators For Self Powered Nanodevices	Dr.C.Periyasamy, Assistant Professor, Department of ECE, Malaviya National Institute of Technology, Jaipur
231.	19-7-2016	Seminar	Insight on Communication Networks	Mr.A.Mahendran, Network Administrator, LiveWire, Chennai
232.	18-7-2016	Guest lecture	DSP and its Applications	Dr.N.Malmurugan, Dean Academics, Mahendra College of Engineering
233.	12-07-2016	Seminar	Recent Advancements In Microwave Devices And Its Applications	Prof.T.Sentthil Vinayakam, Associate Prpfessor/ECE, Coimbatore Institute of Technology

234.	11-07-2016 to 13.7.2016	Workshop	Industrial Electronics	Mr.S.Sundara Moorthy Managing Director Sunshiv Electronic Solution, Coimbatore
235.	28/06/2016	Guest lecture	Analog and Digital Communication	Prof M. Raja Madasamy Assistant professor Department of Electronics Engineering, National Institute of Technology, Uttar khand
236.	5.06.2016	IEEE Conference	IEEE Conference on Emerging Devices and Smart Systems	Dr.L.M.Patnaik IISc., Bangalore Dr.Sudeb Dasgupta IIT,Roorkee Dr.R.Seshasayanan AU,Chennai
237.	4.03.2016	Workshop	Pre-Conference Workshop on IoT	Dr.L.M.Patnaik IISc.,Bangalore Dr.Sudeb Dasgupta IIT,Roorkee Dr.R.Seshasayanan AU,Chennai
238.	26.02.2016	Contest	Mini Project EXPO-2916	Dr.M.Suganthi Prof./ECE,MCE
239.	24.02.2016	Seminar	Digital Image Processing	Dr. T.Balakumaran, AP/ECE, Coimbatore institute of Technology, Coimbatore
240.	23.02.2016	Hardware Design Contest	IEEE Collegiate Circuits Design Contest-2016	Mr.Dhanapal, Mangla Smart Energy Solutions Pvt. Ltd.,CBE Mr.S.B.Nagasudan, Chief Technical Officer, Raana Semiconductor Pvt. Ltd., Hosur
241.	10-02-2016	Mahendra Alumni Interaction Lecture Series (MAILS)	Higher Education Opportunities for Engineering Graduates	A.M.Rupan B.E, MBA Inside Sales Manager Simplilearn Solutions
242.	22.1.2016	Mahendra Alumni Interaction Lecture Series (MAILS)	Road Map for Software Industry	Mr.R.Pradeep Chandra Kumar Senior Software Engineer, CTS,Chennai

243.	10.2.2016 to 12.02.2016	Workshop	Electronic Project Design & Troubleshooting	Dr.S.Arumugam Chairman,IETE Erode Subcentre, Mr.Periyasamy Gurudev Engineering and Equipments Service,Erode
244.	5.02.2016	Workshop	Current Awareness in Embedded Hardware Design for Engineering Students	Er.Hari Pratap Reedy Managing Director, Green Tree Software Solutions, Chennai
245.	04.01.2016	Guest Lecture	Microprocessors and Microcontrollers	Mr.K.Saravana Kumar AP/ECE, Mahendra College Engg.,
246.	25.11.2015	FDLP	Electron Devices and Circuits	Dr.M.Madheswaran Principal,MEC Mr.V.Senthilkumaran, AP/ECE,MEC Mr.P.Navaraja AP/ECE,MIT Ms.S.J.Saranya AP/EEE,MIT
247.	13.11.2015	FDLP	Understanding the basic of VLSI	Dr.N.Viswanathan Prof/ECE,MEC Mrs.M.sangeetha AP/ECE,MIT Ms.D.K.Monisha AP/ECE,MEC Mr.V.Senthilkumaran AP/ECE,MEC
248.	2.11.2015	FDLP	Microprocessor and Microcontroller	Dr.N.Shanmuga sundaram Prof./ECE,MEC G.Rajesh AP/ECE,MEC K.Saravana Kumar AP/ECE,MCE N.Jayanthi AP/ECE.MEC
249.	10.09.2015	Seminar	Applications of Digital Signal Processing	Mr.Moorthi Kanagaraj Production Manager Enthu Technologies., Coimbatore

250.	9.9.2015	Workshop	Computer Hardware & Troubleshooting	Prof.V.Senthilkumaran AP/ECE Mahendra Engg. College
251.	08.09.2015	Seminar	Advances in Digital Image processing	Dr.S.Mohamed Mansoor Roomi Prof./ECE, Thaigarajar College of Engg.,
252.	28.8.2015	Mahendra Alumni Interaction Lecture Series (MAILS)	Opportunities and Challenges in Electronics Industries	Arvind Shanmugham IT Analyst Caterpillar India Pvt. Ltd., Bangalore
253.	25.08.2015	Workshop	Practical Electronics	Mr.E.Rajasekar Technical Head, Raana Power
254.	05-08-2015 to 08-08-2015	Workshop	INTEL Embedded Training	Mr.Raghav Ankur Ms.Yamini shali
255.	25-07-2015	Seminar	MEMS / NEMS: present & Future Technologies	Dr.R.Joseph Daniel, NP-Mass MEMS Design Centre, Annamalai University Dr.M.Rajavelu, Department of E&I, Annamalai University Dr.Deepak Mathur, DGM, ONGC Ltd., Gujarat & IEEE India Council
256.	02.07.2015	Workshop	Digital India: A Programme to Transform India into a Digitally Empowered Society and Knowledge Economy	Shri.S.Thangavel Dy. General Manager(CM), BSNL,Salem Mr.S.Janarthanam Scientist-C, NIELIT, Chennai
257.	17.04.2015	National Conference	Modern Communication and Embedded Systems (MECS-15)	Dr.S.Kanthamani Associate Professor/ECE Thiagarajar College of Engineering, Madurai,TamilNadu
258.	12.03.2015	Workshop	VLSI Design using VERILOG	Mr. V.Senthil Kumar AP/ECE

				Mahendra Engineering College
259.	16.9.2014 to 20.9.2014	Faculty Updation Program	Embedded System Prototyping	S.Janarthanam, Scientist C J.R.Sureshbabu, Scientist B NIELIT,Chennai
260.	10.9.2014	Guest Lecture	Opportunities in core industry	Mr.A.K. Md Azad CEO Reach Information & Communication Sys, Coimbatore
261.	8.9.2014	Guest Lecture	Employment Opportunities in IT sector	S.K.Ajay Kumar SAS Programmer Icon Clinical Research,Chennai
262.	05.09.2014	Guest Lecture	Competency Development through Academic Project Work - Passport to Employability Enhancement & Electronic systems Level Design and Engineering	Prof.K.Jayaraman, Univeisity Outreach Program, Maxim Integrated Bangalore
263.	6.8.2014	Workshop	ARM Processor and its Interfacing	Dr.S.Vasantharathna Professor & Head/EEE, Coimbatore Institute of Technology,Coimbatore, TamilNadu, India Dr.S.Geetha Assistant Professor/EEE Coimbatore Institute of Technology,Coimbatore, TamilNadu, India
264.	14.07.2014	Workshop	Nano Electronic Device Modelling	Prof.Dr.C.K. Sarkar, Professor, Jadavpur University, Kolkata Dr.D.Nirmal, Professor, ECE, Karunya University, Coimbatore

				Dr.R.Ramesh, professor, ECE, SASTRA university, Thanjur
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Research Activities

a) JOURNAL AND CONFERENCE PUBLICATIONS by faculty members

S.No.	Faculty Name	Conference / Journal	Citation reference
1.	Dr.C.Dhavamani HOD/AERO	Conference	<ol style="list-style-type: none"> 1. International Conference on Recent Advances in Mechanical Engineering” (ICRAMEK’17) during 02-03, March 2017 at GCE, Salem. 2. “Recent Innovations in Production Engineering” (RIPE 2017) during 24-25, March 2017 at MIT, Chennai. 3. International Conference on - TIME- 2016 at Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad on 10th and 11th Feb 2016. 4. National Conference on Research and Innovative development in Aeronautical and Mechanical Engineering on 14th 15th March 2016 at Adhiyaman. 5. International Conference organized by National Institute of Technology, Tiruchirappalli, Tamil Nadu, India during 13-15 June 2014. 6. Recent Innovations in Production Engineering” (RIPE 2017) during 24-25, March 2017 at MIT, Chennai. 7. Recent Innovations in Production Engineering” (RIPE 2017) during 24-25, March 2017 at MIT, Chennai.
		Journal	<ol style="list-style-type: none"> 1. International Journal of Advanced Science and Engineering, Volume 2, issue 2 (2015), pages 117-123. 2. International Journal on Mechanical Engineering and Robotics IJMER), ISSN(Print): 2321-5747 , IRD India Journal , Volume 4 issue 2 , Pg: 29-34, April 2016 , 3. Asian Journal of Research in Social Sciences & Humanities, Volume 6 No 6, Pg: 1499-1506, June 2016.

			<p>4. "Optimization of Drilling parameters of Al/SiC composites by using Genetic Algorithm to increase the Metal Removal Rate." in "Asian Journal of Research in Social Sciences & Humanities", Volume 6 No 7, Pg : 741-748 , July 2016</p> <p>5. International journal of Science.Net Scopus index journal during July 2014 issue.</p> <p>6. International journal of "Applied Mechanics and Materials" Vols. 592-594 (2014) pp 610-619.</p>
2.	Mr.P.Sivakumar AP/AERO	<p>Conference</p> <p>1. NAFMAS Recent trends in simulation and modeling.(2015)</p> <p>2. International conference on Science technology engineering management. (2015)</p> <p>3. Recent Innovations in Production Engineering" (RIPE 2017) during 24-25, March 2017 at MIT, Chennai.</p> <p>4. International Conference on -TIME-2016 at Chaitanya Bharathi Institute of Technology, Gandipet, Hyderabad on 10th and 11th Feb 2016.</p> <p>5. Recent Innovations in Production Engineering" (RIPE 2017) during 24-25, March 2017 at MIT, Chennai.</p>	<p>Journal</p> <p>1. International Journal Of Fuels Mines And Metals</p> <p>2. International Journal of Advanced Science and Engineering" Volume 2, issue 2 (2015), pages 117-123.</p> <p>3. International Journal on Mechanical Engineering and Robotics (IJMER), ISSN (Print): 2321-5747, IRD India Journal, Volume 4 issue 2, Pg: 29-34, April 2016.</p>
3.	Mr.S.Vinodh	Conference	1. Recent Innovations in Production Engineering" (RIPE 2017) during 24-

	AP/AERO		<p>25, March 2017 at MIT, Chennai.</p> <p>2. National Conference on Research and Innovative development in Aeronautical and Mechanical Engineering on 14th 15th March 2016 at Adhiyaman</p> <p>3. Recent Innovations in Production Engineering” (RIPE 2017) during 24-25, March 2017 at MIT, Chennai.</p>
		Journal	<p>1. International Journal for Innovative Research in Science, Engineering and Technology, Volume 1 Issue1. Page No-10-14.</p> <p>2. International journal of advanced engineering, research and science Volue3, Issue 11, Page No:77-81.</p> <p>3. International Journal for Innovative Research in Science, Engineering and Technology, Volume1 Issue1. Page No:19-22</p>
4.	Mr. M.Rajadurai AP/AERO	Conference	<p>1. National Conference on Research and Innovative development in Aeronautical and Mechanical Engineering on 14th 15th March 2016 at Adhiyaman.</p> <p>2. International conference on Futuristic Innovations in Mechanical Engineering and Manufacturing management in the Department of Mechanical Engineering on 2016 at M.Kumarasamy College of Engineering.</p> <p>3. National Conference on Recent Trends in Mechanical Engineering (NCRTME-2013) in the Department of Mechanical Engineering at Kathir College of Engineering.</p>

		Journal	<p>1. 3D Computational Studies of Low Speed Axial Flow Compressor Rotor-Incorporating-Tandem-Blades.- International Journal of Engineering Research and Development. Volume 10, Issue 5(May2014), PP.40-48</p> <p>2. Design of Dragon Fly Aircraft. Research Inveny: International Journal Of Engineering And Science ssn(e): 2278-4721, Issn (p):2319-6483</p>
5.	Mr.P.Vinayagam AP/AERO	Conference	1.National Conference on Research and Innovative development in Aeronautical and Mechanical Engineering on 14th 15th March 2016 at Adhiyaman
6.	Mrs.T.Mythili AP/AERO	Conference	-
		Journal	Journal Of Scientific And Industrial Research
7.	Dr.K.Vidhya HOD/CIVIL	Journal 14	<p>1.Vidhya, K Kandasamy, S. (2013), 'Study on properties of bricks manufactured using fly ash and pond ash', Pollution Research , vol. 32, Issue 02, pp. 405-409.</p> <p>2.Vidhya, K, Kandasamy, S, Sanjana Malaimagal, U, Karthikeyan, SR, Sathick Basha, G & Tariq Junaid, H (2013), 'Experimental Studies on Pond ash brick', International Journal of Engineering Research and Development, vol. 6, Issue 5, pp. 06-11..</p> <p>3.Vidhya, K Kandasamy, S 2013, 'Experimental Study on Stress-Strain Behaviour of Masonry Prism with Different Types of Brick and Mortar', International Journal of Earth Sciences and Engineering, vol.6, no.6 (01), pp. 1674-1683.</p> <p>4.Vidhya , K. Swernalatha, S 2013, "Utilization of fly ash and pond ash in</p>

			<p>self compacting concrete”, International journal of innovative research & Development, Vol. 2, Issue 5, pp. 1672 – 1680.</p> <p>5.Vidhya, K Kandasamy, S 2014, ‘Study on the Flexural Strength of Coal Ash Brick Masonry Wall Elements’, Journal of Structural Engineering, Vol. 41, No. 4, pp.410-419.</p> <p>6.Dinesh kumar, B, Vidhya, K 2014, ‘Numerical study on seismic and temperature effects in a RCC building’, International Journal Of Engineering Research And Technology, Vol. 3 - Issue 5, pp. 827-830.</p> <p>Subathra S and Vidhya K , 2015, ‘Experimental Investigation On Hybrid Fibre Reinforced Concrete’, International Journal of Applied Engineering Research Volume 10, Number 19 (2015) pp. 13814 – 13819.</p> <p>S.Jeyamurali, K.Vidhya , P. Ashok Kumar 2015, ‘A experimental study on impact resistance of composite structural Elements’, Integrated Journal of Engineering Research and Technology, pp: 101 – 107.</p> <p>S.Jeyamurali, K.Vidhya & P.Ashok kumar (2015), ‘Studies on Impact Resistance of Composite structural Elements’, International Journal of Applied Engineering Research, Vol 10, Number 9.</p> <p>Vidhya, K, Kandasamy, S 2016, Experimental investigations on the properties of coal ash brick units as Green building materials’, International Journal of Coal Preparation and Utilization, Volume 36, 2016 - Issue 6.</p> <p>K. Vidhya, E. Geethamozhi , L. Vijayan, S. Mani Shankar 2016, Study on Durability Performance of Blast</p>
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			<p>Furnace Steel Slag Using High Performance Concrete, Int. J. Adv. Sci. Eng. Vol. 2 No.4 PP: 192-196. ISSN 2349 5359.</p> <p>Vidhya K and Palanisamy T, 'Use of eco friendly material pond ash in building brick production' Indian Journal of Engineering, Vol. 14 (35), 138 – 146. ISSN 2319-7757.</p> <p>Mohan.S, Sivakumar.C.T, Tamilselvam.P, Vidhya.K, Muralimohan.N (2016) 'Reclamation of Nanjarayan Lake by using bio clean STP Treatment Tirupur Corporation in Tamilnadu, India', International Journal of Scientific and Engineering Research, Volume 7, Issue 11, pp : 128 -134.</p> <p>K.Vidhya, T.Palanisamy , R.Thamarai Selvan (2017), An Experimental Study On Behaviour Of Steel Fibre Reinforced Concrete Beams', International Journal of Advanced Research Methodology in Engineering & Technology, Volume 1, Issue 2 pp: 178- 183.</p> <p>S.Nandhini, Dr.K.Vidhya, 2017, "Experimental Study On Clay Brick Masonry Prism With Varies Mix Combination Of Cement Mortar", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 4, Special Issue 11, pp: 158-169.</p> <p>R.Parthiban, Dr.K.Vidhya 2017, "Experimental Study On Fly Ash Brick Masonry Prism With Varies Mix Combination Of Cement Mortar", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 4, Special Issue 11, pp: 170- 181.</p>
		International Conference	1.Vidhya, K & Kandasamy, S 2005, 'Study of Fracture properties of Fly Ash Concrete Beams', Proceedings of

			<p>International Congress on Fly Ash India 2005 at Hotel Ashok, New Delhi, India, December 4 - 5, 2005. Pp. 63.</p> <p>2.Vidhya, K & Sudhahar, A 2009, 'Determination of Optimum Acceleration Dosage for PPC', Proceedings of International Conference on Infrastructure Development on Expansive Soil, Adhiyamaan College of Engineering, Hosur, Tamil Nadu, India. August 27 - 29, 2009. Pp. 655-662.</p> <p>3.Vidhya, K, Mohana, S, Suthandradevi, S, Tharangini, N & Vimala devi, M 2010, 'Pond Ash Bricks using Accelerated Cement Binder', Proceedings of International Conference on Intelligent Science & Technology, Sun College of Engineering and Technology, Kannaya kumari, Tamil Nadu, India. March 18 – 19, 2010. Pp.</p> <p>4.Vidhya, K & Kandasamy, S 2011, 'Utilization of Pond Ash for Manufacturing Bricks', Proceedings of International Conference on Civil, Structural and Environmental Engineering, K.S.R. College of Engineering, Tiruchengode, Tamil Nadu, India. February 18 – 19, 2011. Pp. 73-78.</p> <p>5.Kandasamy, S, Vidhya, K, Poorani, M & Sujithra, S 2012, 'Study on Paving Blocks Incorporating Fly Ash and Pond Ash', Proceedings of International Conference on Advances in Architecture and Civil Engineering, M.S. Ramaiah Institute of Technology, Bangalore, India. June 21 – 23, 2012, Pp. 94-97.</p> <p>6.Vidhya, K Kandasamy, S 2013, 'Utilization of ash bricks in Green Housing', Proceedings of International Conference of Green Technology and</p>
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			<p>Applied Sciences, Adhiparasakthi Engineering College, Melmaruvathur, Tamil Nadu, India. August 27 - 29, 2009. Pp.65-66.</p> <p>7.Vidhya, K Prakash, S 2013, 'Experimental investigation of high density concrete Incorporating hematite and mill scale', Proceedings of Innovative Research in Engineering and Technology, Park college of Engineering and Technology, Coimbatore, Tamil Nadu India. January 3 -5, 2013.</p> <p>8.Vidhya, K and Jeyamurali, S 2015, 'Studies on impact resistance on composite structural elements', 2nd International Conference on Engineering, Technology and Science, Muthayammal College of Engineering, Rasipuram, Namakkal, Tamil Nadu, India, March 3 – 6. 2015, Pp 373-378.</p> <p>9.Vidhya, K and Divya, K 2015, 'Experimental investigation on strength performance of geopolymers concrete', 2nd international conference on civil engineering building materials and environmental engineering, Maria College of Engineering and Technology, Kanyakumari, February 27th 2015, pp: 38.</p> <p>10.Vidhya, K and Subathra, S 2015, 'Experimental study on Hybrid Fibre reinforced concrete', 2nd international conference on civil engineering building materials and environmental engineering, Maria College of Engineering and Technology, Kanyakumari, February 27th 2015, pp: 39.</p> <p>11.Vidhya, K and Kandasamy, S 2015, 'Experimental Study On Stress-Strain</p>
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		<p>Behaviour Of Masonry Prism With Different Types of Brick And Mortar’, International conference on infrastructure development for environmental conservation and sustenance, Adhiyaman College of Engineering, Hosur, October 28 – 30, 2015, Pp: 252-257</p> <p>12.Vidhya, K , Geethamozhi E, Vijayan,L and Manishankar, S 2016, ‘Experimental Study On Properties of High Performance Concrete Using Blast Furnace Steel Slag’, International Conference on Energy, International Conference on Environment And Engineering Coimbatore Institute of Technology, Coimbatore, February 29 to March 2nd. 2016.</p> <p>13.Vidhya, K and Kandasamy , S 2016, ‘Experimental Study On Stress-Strain Behaviour And Flexural Tensile Strength Of Brick Masonry’, International Conference on Materials Science & Technology, University of Delhi, New Delhi, March 1st to 4th.2016.</p> <p>14.Vidhya K and Palanisamy T 2016 are presented in International Conference on title ‘Use of Eco Friendly Material Pond Ash in Building Brick Production" for the International Conference on Trending researches in Engineering, Science & Technology - 2016 (INC-TEST'16) at Hotel AMRS Evergreen, Salem on 30.09.2016.</p> <p>15.K.Vidhya , T.Palanisamy 2017, ‘An Investigation Study On Pond Ash And Fly Ash As A Prospect For Sustainable Brick’, International Conference on Recent Advancements in Engineering & Technology-2017 at Grand Pavilion, Bangalore.</p> <p>16.T.Palanisamy, K.Vidhya, Ajmel</p>
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		<p>Muhammed 2017, 'Eco Friendly Coarse Aggregate For Sustainable Concrete', International Conference on Recent Advancements in Engineering & Technology-2017 at Grand Pavilion, Bangalore.</p> <p>17.K.Vidhya, T.Palanisamy , R.Thamarai Selvan (2017), An Experimental Study On Behaviour Of Steel Fibre Reinforced Concrete Beams', for the International Conference on Trending researches in Engineering, Science & Technology - 2017 (INC-TEST'17) at Hotel AMRS Evergreen, Salem on 24.02.2017.</p> <p>18.T.Divya, S.Shanmuga Priya, M.Soundar Rajan & K.Vidhya 2017, 'Experimental investigation on solid block masonry prism with varies mix combination of cement mortar', International Conference On Advances In Biotechnology, Civil & Mechanical Science ICABCMS'17, Selvam College of Technology, Namakkal on 17th & 18th March 2017.</p> <p>19.V.Shanmugavadivu, Anitha.K, Deepan.P and K.Vidhya 2017, 'Preparation of activated carbon from palm tree wood powder and preliminary studies on the removal of cadmium (II)', International Conference On Advances In Biotechnology, Civil & Mechanical Science ICABCMS'17, Selvam College of Technology, Namakkal on 17th & 18th March 2017.</p> <p>1.Vidhya, K & Kandasamy, S 2004 'Fracture Mechanics in High Performance Concrete – A State of Art Review', Proceedings of National Conference on "Recent Development in Materials & Structures REDEMAT 2004 at National Institute of Technology, Calicut, India. December 2</p>
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		<p>National Conference 50</p>	<p>– 3, 2004. Pp.141-148.</p> <p>2.Vidhya, K & Kandasamy, S 2005, 'Study on Concrete Pavement – State of Art Review, Proceedings of National Conference on New Perspective and Paradigm in Materials, Design & Construction of Civil Engineering Systems at Coimbatore Institute of Technology, Coimbatore, Tamil Nadu, India. January 10-11, 2005. Pp. 251-258.</p> <p>3.Vidhya, K, Sudhahar, A, Vidhyavathi. I Pradeepkumar, D & Kirupavathi, I 2006, 'Eco-Friendly Materials – An Excerpt', Proceedings of National Conference on Cleaner Development Mechanism at Government College of Technology, Coimbatore, Tamil Nadu, India. December 28 - 29, 2006. Pp. 64-75.</p> <p>4.Vidhya, K , Kandasamy, S & Padmanaban, I 2006, 'Studies on Critical Stress intensity factors and Fracture Energy with Fly Ash Variation', Proceedings of National Conference on "Recent Development in Concrete Technology- RDCT 2006 at Government College of Technology, Coimbatore, Tamil Nadu, India. December 21 - 22, 2006. Pp. 295-307.</p> <p>5.Participated in National Conference on Recent Trends in Infrastructure Development, RETID 2007 at P.S.G College of Technology, Coimbatore, Tamil Nadu, India. January 24-25, 2007.</p> <p>6.Sudhahar, A, Vidhya, K, Naganavanethan, S & Masdhusoodhanan, S 2009, 'Implementing Mitigation Strategies For Earth Quake Affected Areas', Proceedings of National Conference on Innovations in Civil Engineering at</p>
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		<p>Crescent Engineering College, Chennai, Tamil Nadu, India. March 19-20, 2009.</p> <p>7.Vidhya, K, Mahusoodhanan, R, Naganavaneethan, S & Dhanalaksmi, G, 2009, 'Low Cost Fly Ash Bricks', Proceedings of National Conference on "Emerging Trends in Construction and Concrete Technology at Sona College of Technology, Salem, Tamil Nadu, India, November 20- 21, 2009. Pp. 177 -185.</p> <p>8.Vidhya, K, Dhanalakshmi, G, Naganavaneethan, S & Madhusoodhanan, R 2010, 'Low cost brick using Eco Sand', Proceedings of National Conference on Modern Construction Technology at St. Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu. India, March 12, 2010. Pp. 40-46.</p> <p>9.Sudhahar, A, Vidhya, K, Santhosh Kumas, S, Prabhuvasan, B & Suresh, R 2010, 'Utilization of Pond Ash for Pavement Blocks' Proceedings of National Conference on Modern Construction Technology at St. Xavier's Catholic College of Engineering, Nagercoil, Tamil Nadu. India, March 12, 2010. Pp. 99-105.</p> <p>10.Vidhya, K & Suthandra Devi, S 2010, 'Utilization of pond ash for manufacturing bricks', Proceedings of National Conference on Recent Trends in Civil Engineering at Erode Sengunthar Engineering College, Erode, Tamil Nadu, India. April 8, 2010.</p> <p>11.Vidhya, K 2010, 'Low Cost Brick with Utilization of Pond Ash and Eco Sand', Proceedings of National Conference on Recent Trends in Civil Engineering at Erode Sengunthar Engineering College, Erode, Tamil Nadu, India. April 8, 2010.</p> <p>12.Sudhahar, A ,Vidhya, K, Tharangini,</p>
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			<p>N & Suthandradevi, S 2010, 'Low cost brick using Pond ash', Proceedings of National Conference on "Innovations in Civil Engineering - ICE 2010 at Kumaraguru College of Technology, Coimbatore, Tamil Nadu, India, April 20, 2010. Pp.32.</p> <p>13.Vidhya, K and Kandasamy, S 2011, 'Utilization of fly ash and pond ash in bricks', Proceedings of National Conference of Emerging Technologies in Civil Engineering at K.S.R. College of Technology, Thiruchengode, Tamil Nadu, India.</p> <p>14.Vidhya, K 2012, 'Utilization of pond ash in paver blocks, Proceedings of National conference on Emerging Technologies in Civil Engineering at K.S.R. College of Technology, Thiruchengode, Tamil Nadu, India. April 3, 2012.</p> <p>15.Vidhya, K, Dhaivya, S, Poorani, M &Sujithra, S 2012, 'Utilization on fly ash and pond ash in pavement blocks', CSIR Sponsored Proceedings of National conference on "Advances Concrete and Construction Technology at K.S.R. College of Engineering, Thiruchengode, Tamil Nadu, India. April 19-20, 2012. Pp. 123-128.</p> <p>16.Vidhya, K, Sindhu, A & Sivasankari, R 2012, 'An investigation on utilization of Pond ash in Bricks', Proceedings of National Conference of Advances and Innovations in Civil And Mechanical Engineering AICME12 at Vel Tech High Tech Dr. Rangrajan Dr. Sakunthala Engineering College , Chennai, Tamil Nadu, Idia. August 17, 2012. Pp. 171-174.</p> <p>17.Vidhya, K, Sindhu, A, Valarmathi, C, Sivasankari, R & Kandasamy, S 2013, 'Stress Strain Behaviour of Masonry</p>
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		<p>Prisms', Proceedings of National Conference of Recent Trends In Engineering And Technology NCONET13 at Jansons Institute of Technology, Karumathampatti, Coimbatore, Tamil Nadu, India. February 23, 2013.</p> <p>18.Vidhya, K, Kandasamy, S, Sanjana Malaimagal, U, Kartyhikeyan, SR 2013, 'Effective utilization of pond ash in bricks', Proceedings of National Conference of Recent Trends In Engineering And Technology NCONET13 at Jansons Institute of Technology, Karumathampatti, Coimbatore, Tamil Nadu, India. February 23, 2013. Pp.17.</p> <p>19.Vidhya, K, Sanjana Malaimagal, U & Karthikeyan, SR, 2013, 'Eco Friendly Material Pond Ash in Brick Manufacture' Proceedings of National Conference on NC4M'13 at SRS College of Engineering and Technology, Salem, Tamil Nadu, India. April 5, 2013.</p> <p>20.Vidhya, K, sindhu, & valarmathi 2013, 'Utilization of Pond Ash in Paver Blocks', Proceedings of National Conference on NC4M'13 at SRS College of Engineering and Technology, Salem, Tamil Nadu, India. April 5, 2013.</p> <p>21.Nandakumar, A & Vidhya, K 2014, ' Experimental investigation on stress strain behaviour of brick prism', Proceedings of National conference on Emerging Technologies in Civil Engineering, ETCE 14 at K.S.R. College of Technology, Thiruchengode, Tamil Nadu, India. April 5, 2014. Pp. 111-119.</p> <p>22.Ganesh kumar, D & Vidhya, K 2014,'Stress strain behaviour of brick piers with different confinement', Proceedings of Second National conference on Trendy and Sustainable</p>
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			<p>Development in Civil Engineering at K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India. May 3, 2014. Pp. 211-220.</p> <p>23.Raajamurugan, S & Vidhya, K 2014, 'Experimental investigation on structural behaviour of brick wall', Proceedings of Second National conference on Trendy and Sustainable Development in Civil Engineering at K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India. May 3, 2014. Pp. 304-307.</p> <p>24.Nithya,M & Vidhya, K 2014, 'Study on structural behaviour of brick wall', Proceedings of Second National conference on Trendy and Sustainable Development in Civil Engineering at K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India. May 3, 2014. Pp. 301-303.</p> <p>25.DineshKumar, B & Vidhya, K 2014 'Numerical study on oblique columns and floor slabs in high rise RC structure', Proceedings of Second National conference on Trendy and Sustainable Development in Civil Engineering at K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India. May 3, 2014. Pp. 136-140.</p> <p>26.Veeraragavan, S & Vidhya, K 2014, 'Study on structural behaviour of brick wall with confinement', Proceedings of Second National conference on Trendy and Sustainable Development in Civil Engineering at K.S.R College of Engineering, Tiruchengode, Tamil Nadu, India. May 3, 2014. Pp. 311 – 313.</p> <p>27.Vidhya, K and Jeyamurali, S 2015, 'A experimental study on impact resistance of composite structural</p>
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		<p>Elements', National conference on Recent trends in civil engineering, Sona College of Technology, Salem, April 23.2015, Pp: 115-120</p> <p>28.Vidhya, K, Geethamozhi, Divya,K and Saradha,P 2016, 'Experimental Study on Properties of Brick Using Coal Ash', National Conference on Modern infrastructure development through sustainability M. Kumarasamy College of Engineering , Karur, March 17th.2016, Pp: 53.</p> <p>29.Vidhya,K and Palanisamy, T 2016, 'Innovative Manufacturing Techniques Of I-Bricks', National Conference on IRBEP 2016, Vinayaka Mission KVEC, Salem. March 25th, 2016.PP: OP/60.</p> <p>30.Vidhya K, Ajitkumar.M, Gokula Kannan.P, Balamuralikrishnan.B, Mathan kumar.M, 2016 , "Study on Mechanical Properties and Durability Performance of Industrial-Ash Bricks, National conference on Recent advancements in Civil Engineering, NCRACE'16, Vivekanandha College of Technology for Women, Tiruchengode, March 30th,2016. Pp.:</p> <p>31.Vidhya,K and Palanisamy, T 2016, 'A Study on Pond ash and Fly ash as an opportunity for Sustainable and Economical Brick', National conference on Design, Materials, Manufacturing & Construction Technologies, N.S.N. College of Engineering and Technology, Karur, March 31st 2016.</p> <p>32.R.Parthiban, S.Nandhini and K.Vidhya 2016 , 'Experimental Study On Self Cured Concrete Using Natural Admixtures', National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering</p>
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			<p>College, Mahendrapuri, Namakkal. April 7th 2016. Pp: 247-252.</p> <p>33. Vidhya K, Gokula Kannan.P, Logesh.S, Mathan kumar.M 2016, 'Utilization of pond ash as low cost bricks and construction materials', National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, April 7th 2016. Pp: 364-371.</p> <p>34. Vidhya K, S. Mani Shankar 2016, 'A study on building material wastage and control in the construction industry', National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, April 7th 2016. Pp: 405-409.</p> <p>35. Vidhya K , E. Geethamozi , L. Vijayan, S. Mani Shankar , Dhamodaran 2016 'Study and analysis of construction delay', National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, April 7th 2016. Pp: 410- 415.</p> <p>36. Vidhya K, L. Vijayan, E. V. Mohanamanikandan, S. Gogulapriya, and T. Aravinth 2016 , 'Experimental study on properties of concrete with perlite', National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal,</p>
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			<p>April 7th 2016.Pp.:314-320</p> <p>37.Vidhya K & S.Murali 2016, 'An experimental study on behaviour of steel fibre reinforced concrete in shear and flexure' National conference on modern and emerging trends in infrastructure development for sustainability , Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, April 7th 2016.Pp.:439-443.</p> <p>38.Vidhya K, Geethamozi E are presented in National Conference on title 'Study on Structural Behaviour with Confinement' organized by Department of Chemical Engineering. Annamalai University, Chidhamparam on 21.10.2016 and 22.11.2016.</p> <p>39.Vidhya K, Thamarai selvan.R, are presented in national conference on emerging trends in civil engineering, on title ' Determination of ultimate stress of fly ash brick wall using various grades of mortar with confinfement, organized by department of civil engineering, Government college of Engineering, Salem.</p> <p>40.Vidhya. K, Nandhini. S 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , 'Experimental study of clay brick masonry prism with varies mix combination of cement mortar' organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp.:439-443.</p> <p>41.Vidhya. K, Parthiban.R 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , 'Experimental study on</p>
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		<p>fly ash brick masonry prism with varies mix combination of cement mortar' organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>42.Vidhya. K, Shruthi.A.N 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , 'Delay analysis in construction project: A case study using primavera' organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>43.Vidhya. K, Sagaya metilda.J, Vanitha.S 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , 'Stress- strain behaviour of sustainable brick masonry' organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>44.Vidhya. K, Thamarai selvan.R, Sathish kumar.B 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , 'Experimental study on properties of sustainable brick masonry wall' organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>45.Vidhya. K, Ramesh raja.R, Manishankar.S, Ramasamy.T 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for</p>
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		<p>Sustainability , ‘Experimental study on behaviour of rubber concrete with rice husk ash’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>46.Vidhya. K, Arivananthan.K, Deepan.P, Manishankar.S 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , ‘Experimental study on partial replacement of fine aggregate as foundry sand’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>47.Vidhya. K, Sagaya metilda.J, Vanitha.S, Tamilmani.P, Sumitha.N 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , ‘Study of properties of sustainable brick’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>48.Vidhya. K, Dinesh kumar.T, Deepan.P, Manishankar.S 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability , ‘Experimental study of soil cement bricks and characteristics compressive strength of brick masonry wall’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>49.Vidhya. K, Divya.T 2017 are presented in National Conference on</p>
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			<p>Modern and Emerging Trends in Infrastructure Development for Sustainability , ‘Experimental investigation on solid block masonry prism with various mix combination of cement mortar’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p> <p>50.Vidhya.K, Sowmya Mohan 2017 are presented in National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability, ‘study of properties of self curing concrete with light weight fine aggregate’ organized by Department of civil engineering, Mahendra Engineering College, Mahendrapuri, Namakkal, March 9th 2017.Pp:.439-443.</p>
	Dr.C.T.Sivakumar, P/CIVIL	Conference	<p>1. Issues ,Problems and recommendations to construction fields on the basis of safety”, National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability”, at Mahendra Engineering College , Namakkal on 07th April 2016</p> <p>2. “Causes For Cost Over Run In Constructions Projects”, National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability”, at Mahendra Engineering College , Namakkal on 07th April 2016</p> <p>3. “ Performances of the effluent adapted bacteria in degradation of dying industry effluent with sequential batch reactor”, National Conference on Innovative Research in Biotechnology and Engineering for public health, Vinayaka Mission’s Kirupananda Variyar Engineering</p>

			College ,Salem on 11 th March 2016.
		Journal	1. “Assessment of Ground Water Quality in Veerapandi Village and Adjacent Area, (Post Monsoon) Salem District, Tamil Nadu”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.85,2015.
	Mr.S.Mohan AP/CIVIL	Conference	1.“ Disaster Management ”, National Conference on Innovative Research in Biotechnology and Engineering for public health, Vinayaka Mission’s Kirupananda Variyar Engineering College ,Salem on 11 th March 2016
8.		Journal	1.“Assessment of Ground Water Quality in Veerapandi Village and Adjacent Area, (Post Monsoon) Salem District, Tamil Nadu”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.85,2015. 2. Published a Paper in Indo global Journal of applied Engineering, “Impact of Industrial Solid Waste on Soil and Subsurface Water in Tirupour District,Tamilnadu ”,ISSN 2321-5267, Volume 5, Issue 1,Pg.No-143 March-2017
		Journal	1.Study on Durability Performance of Blast Furnace Steel Slag Using High Performance Concrete, Int. J. Adv. Sci. Eng. Vol. 2 No.4 192-196 (2016) 192 ISSN 2349 - 5359 2. Published a Paper in Indo global Journal of applied Engineering, “Experimental Study on properties of HPC Concrete Using Blast furnace Steel Slag ”,ISSN 2321-5267, Volume 5, Issue 1,Pg.No-75 March-2017
9.	Mr.S.Manishankar AP/CIVIL	Conference	1.“Study and Analysis of Construction Delay” at Mahendra Engineering College, on 07 th April 2016

			2. "Experimental Study On Properties Of High Performance Concrete Using Blast Furnance Steel Slag", Energy, Environment And Engineering, at Coimbatore Institute of technology, Coimbatore on 1 th March 2016.
		Journal	1. Study on Durability Performance of Blast Furnace Steel Slag Using High Performance Concrete, Int. J. Adv. Sci. Eng. Vol. 2 No.4 192-196 (2016) 192 ISSN 2349 - 5359
10.	Mr.M.Arun AP/CIVIL	Conference	1.Performance of High strength with fibre reinforcement and silica fume", National Conference on Modern and Emerging Trends in Infrastructure Development for Sustainability", at Mahendra Engineering College , Namakkal on 07 th April 2016
		Journal	1. Published a Paper in International Journal of Scientific & Engineering Research, "Performance of High Strength Concrete with Fibre Reinforcement & Silica Fume",ISSN 2229-5518, Volume 7, Issue 4, April-2016
11.	Mr.T.Ramasamy AP/CIVIL	Conference	1. " Turbidity removal from domestic wastewater using cactus species as a Natural Coagulation ", National Conference on Innovative Research in Biotechnology and Engineering for public health, Vinayaka Mission's Kirupananda Variyar Engineering College ,Salem on 11 th March 2016.
		Journal	1. "Experimental Behaviour Of Frp Reinforced Concrete Structural Elements", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.85 ,2015.
12.	Mr.P.Deepan AP/CIVIL	Conference	1. " Green Technology ", National Conference on Innovative Research in Biotechnology and Engineering for public health, Vinayaka Mission's Kirupananda Variyar Engineering

			College ,Salem on 11 th March 2016.
		Journal	1. Published a Paper in International Journal of Scientific & Engineering Research, "Removal of Cadmium (II) & Nickel (II) Using Activated Carbon From Palmtree Wood Powder", ISSN 2229-5518, Volume 7, Issue 4, April-2016
13.	Ms.S.Bhuvaneshwari, AP/CIVIL	Conference	1. "Sago industry effluent treatment by oil cakes as natural coagulants" at Mahendra Engineering College, Namakkal. on 07 th April 2016.
		Journal	1. Published a Paper in Indo global Journal of applied Engineering, "Sago Industry Effluent Treatment by Oil Cakes as Natural Coagulants ", ISSN 2321-5267, Volume 5, Issue 1, Pg.No-148, March-2017
14.	Ms.T.Divya AP/CIVIL	Conference	1. An Experimental Study on High Performance of Natural Admixtures in Concrete Mix" at Mahendra Engineering College, on 07 th April 2016
		Journal	1. Published a Paper in Indo global Journal of applied Engineering, "An experimental study on High performance of Natural admixtures in Concrete Mix", ISSN 2321-5267, Volume 5, Issue 1, Pg.No-63 March-2017
15.	Ms.E.Geethamozhi AP/CIVIL	Conference	1. "Study and Analysis of Construction Delay" at Mahendra Engineering College, on 07 th April 2016 2. "Impact on strength of High Volume Flyash concrete Using Egg Shell" at Mahendra Engineering College, on 07 th April 2016 3. "Experimental Study on Hybrid Fiber Reinforced concrete" at Mahendra Engineering College, on 07 th April 2016 4. "study on mechanical properties of Highbrid Fiber Reinforced Concrete By Using polyvinyl alcohol and steel fiber" on 2 nd April 2016" organized by

			<p>Kalasalingam University, Virudhunagar</p> <p>5. “experimental Investigation on Behavior of Bamboo reinforced Concrete Member” in Bannari Amman Institute of Technology, sathyamangalam, on 23rd March 2016</p> <p>6. “Experimental Study On Properties Of Brick Using Coal Ash”, Modern infrastructure development through sustainability, M. Kumarasamy College of Engineering , Karur on 17th March 2016</p> <p>7. “RSM Analysis for Distillery Waste” on 11th March 2016” organized by Department of Biotechnology, Vinayaka Mission’s Kirupananda Variyar Engineering College, Salem.</p> <p>8. “Experimental Study On Properties Of High Performance Concrete Using Blast Furnance Steel Slag”, Energy, Environment And Engineering, at Coimbatore Institute of technology, Coimbatore on 1th March 2016.</p>
		Journal	<p>1.Study on Durability Performance of Blast Furnace Steel Slag Using High Performance Concrete, Int. J. Adv. Sci. Eng. Vol. 2 No.4 192-196 (2016) 192 ISSN 2349 - 5359</p> <p>2.Published a Paper in Indo global Journal of applied Engineering, “Study on structural Behaviour of Different Grade of steel ”,ISSN 2321-5267, Volume 5, Issue 1,Pg.No-75 March-2017</p> <p>3. Published a Paper in Indo global Journal of applied Engineering, “Experimental Study on properties of HPC Concrete Using Blast furnace Steel Slag ”,ISSN 2321-5267, Volume 5, Issue 1,Pg.No-75 March-2017</p>
16.	Ms.K.Divya AP/CIVIL	Conference	1.“Impact on strength of High Volume Flyash concrete Using Egg Shell” at

			<p>Mahendra Engineering College, on 07th April 2016</p> <p>2. "Experimental Study on Hybrid Fiber Reinforced concrete" at Mahendra Engineering College, on 07th April 2016</p> <p>3. "study on mechanical properties of Highbrid Fiber Reinforced Concrete By Using polyvinyl alcohol and steel fiber" on 2nd April 2016" organized by Kalasalingam University, Virudhunagar.</p> <p>4. "Experimental Study On Properties Of Brick Using Coal Ash", Modern infrastructure development through sustainability, M. Kumarasamy College of Engineering , Karur on 17th March 2016</p> <p>5. "RSM Analysis for Distillery Waste" on 11th March 2016" organized by Department of Biotechnology, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem.</p>
17.	Ms.Shanmugavadivu.V AP/CIVIL	Journal	1. Published a Paper in International Journal of Scientific & Engineering Research, "Removal of Cadmium (II) & Nickel (II)Using Activated Carbon From Palmtree Wood Powder",ISSN 2229-5518, Volume 7, Issue 4, April-2016
18.	Ms.Nithya.B AP/CIVIL	Journal	1. Published a Paper in Indo global Journal of applied Engineering, "Experimental Investigation on Behaviour of bamboo Reinforced Concrete Member ",ISSN 2321-5267, Volume 5, Issue 1,Pg.No-63 March-2017
19.	Ms.Saradha.P AP/CIVIL	Journal	1. Published a Paper in Indo global Journal of applied Engineering, "Study on Structural Behaviour of Brick wall with Confinement ",ISSN 2321-5267, Volume 5, Issue 1,Pg.No-101 March-2017
20.	Ms.Suvitha.P AP/CIVIL	Journal	1. Published a Paper in Indo global Journal of applied Engineering, "An

			Experimental Study on Smart Transparen Concrete ",ISSN 2321-5267, Volume 5, Issue 1,Pg.No-127 March-2017
21.	Ms.Revathi.S AP/CIVIL	Journal	2. Published a Paper in Indo global Journal of applied Engineering, "An Exprimental Study on Smart Transparen Concrete ",ISSN 2321-5267, Volume 5, Issue 1,Pg.No-127 March-2017
22.	Ms.Susithra. AP/CIVIL	Journal	1. Published a Paper in Indo global Journal of applied Engineering, "An Experimental Study on Smart Transparent Concrete ",ISSN 2321-5267, Volume 5, Issue 1,Pg.No-127 March-2017
23.	R.Thanigaivelan HOD/MECH	Conference	<ol style="list-style-type: none"> 1. Investigation Of Machining Characteristics of Electrochemical Micromachining Machine (EMM), 5th International and 26th AIMTDR Conference, Department of Mechanical Engineering, IIT Guwahati,. Guwahati, India, December 12-14, 2014 2. Experimental Investigation of Effects of Process Parameters in the Micro-EDM Process. 7th COPEN, Dec 2013, NIT Calicut. 3. Electrochemical Micromachining of Stainless Steel with Acidified Sodium Nitrate Electrolyte. 17th International Symposium on Electromachining (ISEM), April 9-12th , 2013, Leuven, Belgium. 4. Effect of Acidified Electrolyte on the Performance of Electrochemical Micromachining", 2nd International Conference On Advances in Material

			Processing and Characterization. Feb.6-8, 2013, Anna University, Chennai.
		Journal	<ol style="list-style-type: none"> 1. Electrochemical Micromachining of Stainless Steel with Acidified Sodium Nitrate Electrolyte. Procedia CIRP 6, 352-356, 2013. 2. Optimization of process parameters on machining rate and overcut in electrochemical micromachining using grey relational analysis, JSIR 72 pp36-42. 3. Study on Influence of Electrodes in Electric Discharge Machining, Recent Patents on Mechanical Engineering 8 (2), 161-167 4. Influences of process parameters on machining micro holes in EDM,Recent Patents on Mechanical Engineering 7 (3), 264-272. 5. Performance of electrochemical micromachining of copper through infrared heated electrolyte, Materials and Manufacturing Processes, 1-7
24.	R.Boopathi AP/MECH	Conference	
		Journal	<ol style="list-style-type: none"> 1. A Study on Power Generating Arrangements in Rotary Kiln by using Excessive Heat , International Journal of Engineering Research And Advanced Technology (IJERAT), ISSN: 2454-6135 [Volume. 02 Issue.03, March-2016]. 2. Performance Analysis of Economiser, Air Pre-Heater and

			<p>Electrostatic Precipitator of 210MW Power Plant Boiler, International Journal of Engineering Research And Advanced Technology (IJERAT) ISSN: 24546135 [Volume. 02 Issue.04, April-2016]</p> <p>3. Effect of machining characteristics of nano-TiC mixed dielectric fluids on Inconel 718 in the EDM process. Materials Testing: Vol. 59, No. 4, pp. 402-408.</p>
25.	R.Prabu AP/MECH	conference`	<p>1. STRUCTURE AND PROPERTIES OF LASER COATED TIC ON SS316 Proceedings of the International Conference on Materials, Design and Manufacturing Process (ICMDM), February 17-19, 2016.</p> <p>2. REVIEW OF PHYSICAL VAPOUR DEPOSITION (PVD) TECHNIQUES, DOI: 10.13140/RG.2.1.5063.4964 International Conference on "Sustainable Manufacturing", At Coimbatore Institute of Technology, Coimbatore</p>
		Journal	1. Asian Journal of research in social sciences and humanities , vol.6 No.5, May 2016 pp.41-52.
26.	S.Madhavakrishnan AP/MAE	Conference	<p>1. National conference on recent innovation in mechanical engineering, AVS Engineering college, salem</p> <p>2. 5th Annual Research congress KURAC-2013 held at karpagam university, Coimbatore.</p>
		Journal	1. Journal of Mechanical Engineering and Technology(JMET), Vol 4, issue 1, Jan-June 2016.

27.	P.R.Kannan AP/MECH	Conference	<p>1.Internal conference on modeling optimization and computing 2014, NICHE.</p> <p>2. Internal conference on modeling optimization and computing 2014, NICHE.</p> <p>3. Internal conference on computational intelligence & advanced manufacturing research-ICCIAMR201</p> <p>4.VELS University, chennai</p>
		Journal	1.Asian Journal of research in social sciences and humanities , vol.6 issue6, special issue june 2016 pp.104-113.
28.	Dr.S.Umamaheswari HEAD/ECE	Conference	1. 1.IEEE Xplore (Digital Library)
		Journal	<p>1.A simple method of tuning PID controllers for interval plant of cold rolling mill -7</p> <p>2.A Simple method of tuning PI Controllers for interval plant of cold rolling mill - 7</p> <p>3. Paper mill sludge treatment through application of vermi and mycotechnology -1</p> <p>4.Growing trend of process off gas and waste heat recovery in captive power generation - 1</p> <p>5.An optimal controller design using different methods for web guide control of cold rolling mill -1</p> <p>6.Direct synthesis method based controller design for cold rolling mill-1</p>
29.	Dr.S.Sumathi Professor/ECE	Conference	1.IEEE Xplore (Digital Library)
		Journal	<p>1. Comparative study of QRS complex detection in ECG based on discrete wavelet transform - 29</p> <p>2. A wavelet transform based feature extraction and classification of cardiac disorder - 13</p> <p>3 Control of Non Linear Spherical Tank</p>

			<p>Level Process - 2</p> <p>4. Modelling and Simulation of Non Linear Spherical Tank Level Process – 1</p> <p>5. Recognition and Classification System of Cardiac Arrhythmia Using ANFIS – 1</p> <p>6. A New Technique of ECG Feature Extraction and Classification by Wavelet Transform and ANFIS -1</p>
30.	Dr.P.Suresh Kumar Professor/ECE	Conference	1.IEEE Xplore (Digital Library)
		Journal	<p>1.Analysis and Performance of Radar Cross Section (RCS) in Control Systems Application using Finite Element Method-1</p> <p>2.Intelligent Coal–Fired Thermal Power Plant Using SCADA-3</p> <p>3. Prediction of wide band Radar Cross Section (RCS) of arbitrary shaped objects using Finite Element Method- 3</p> <p>4.Multi-port DC-DC Topology for Renewable Energy Systems using Soft Computing Techniques-2</p>
31.	M. Madheswaran Professor/ECE	Journals	<p>M. Madheswaran and T.Menakadevi, “An Improved Direct Digital Synthesizer using Hybrid Wave Pipelining CORDIC Algorithm for Software Defined Radio”, Journal of Circuits, Systems and Signal Processing - Springer, DOI 10.1007/s00034-012-9495-x.</p> <p>2. M.Suganthi and M.Madheswaran, “An improved medical decision support system to identify the breast cancer using mammogram”, Journal of Medical Systems- Springer, Vol.36, pp.79-91, 2012.</p> <p>3. M.Madheswaran and S. Jerald Jeba Kumar, “An Improved Medical Decision Support System to Grading the Diabetic Retinopathy Using Fundus Images”, ICTACT Journal on on Image and Video Processing, Volume 3, Issue</p>

		<p>2, pp.502-510, November 2012, ISSN: 0976-9099(Print) ISSN: 0976-9102(Online)</p> <p>4. P.Suresh Kumar and M.Madheswaran, "Radar cross section estimation procedure using signal processing approach", European Journal of Scientific Research, Vol.75, pp.434-447, 2012.</p> <p>5. M. Muruganandam, M. Madheswaran, "Experimental verification of chopper fed DC series motor with ANN controller" Published in International Journal of Frontiers of Electrical and Electronic Engg. in China, (Springer Publication) Volume 7, Issue 4, December 2012, Page(s):477-489, ISSN: 2095-2732.</p> <p>6. M.Muruganandam, M.Madheswaran, "Simulation and Implementation of Generalized Hybrid Intelligent Controllers for Chopper fed DC Series Motor" Published in International Journal of Wulfenia, Volume 19, Issue 12, December 2012, Page(s):313-335. ISSN: 1561-882X 6</p> <p>7. L.Thulasimani and M.Madheswaran, "A novel secure hash algorithm for public key digital signature schemes", The International Arab Journal of Information Technology, Vol.9, pp.262-267, 2012.</p> <p>8. I.Thangaraju and M.Madheswaran, "A novel dual side control mechanism for WRIM using intelligent controllers" European Journal of Scientific Research, Vol.78, pp.107-118, 2012.</p> <p>9. P.Suresh Kumar and M.Madheswaran, "Radar cross section estimation procedure using signal</p>
--	--	--

		<p>processing approach”, European Journal of Scientific Research, Vol.75, pp.434-447, 2012.</p> <p>10. C.Venkatesh and M.Madheswaran, “Performance analysis of multiband OFDM system over ultra wideband channels using Kalman filter”, Wireless Personal Communications-Springer,2012, ISSN: 0929-6212 (print version),ISSN: 1572-834X (electronic version) , Impact Factor: 0.458,DOI: 10.1007/s11277-012-0750-z.</p> <p>11. T.Menakadevi and M.Madheswaran, “Direct digital synthesizer using pipelined CORDIC algorithm for software defined radio”, International Journal of Science and Technology, Vol.2, pp.372-378, 2012, ISSN 2224-3577, Impact Factor:</p> <p>12. T.Menakadevi and M.Madheswaran, “FPGA implementation of direct digital synthesizer using pipelined CORDIC algorithm”, European Journal of Scientific Research, Vol.79, pp.269-278, 2012, ISSN 1450-216X, Impact Factor:</p> <p>13. S.Jerald Jeba Kumar and M.Madheswaran, “An improved medical decision support system to identify the diabetic retinopathy using fundus images”, Journal of Medical Systems-Springer, ISSN: 0148-5598, Impact Factor: 1.132, DOI: 10.1007/s10916-012-9833-3, 2012.</p> <p>14. M.Madheswaran and M.Muruganandam, “Simulation and implementation of PID-ANN controller for chopper fed embedded PMDC motor”, ICTACT Journal on Soft Computing, Vol.2, pp.319-324, 2012, ISSN 0976-6561 (Print), ISSN: 2229-6956(Online).</p>
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		<p>15. R.Vivekanandan and M.Madheswaran, "Biometric human identification system using palm print retrieval considering normalized PCA and SOM", European Journal of Scientific Research, Vol.80, pp.68-76, 2012, ISSN 1450-216X.</p> <p>16. R.Ramesh,M.Madheswaran and K.Kannan, "Physical noise model of a uniformly doped nanoscale FinFET photodetector", International Journal for Light and Electron Optics-Elsevier, Vol.123, pp.1087-1094, 2012.</p> <p>17. C.Nagarajan and M.Madheswaran, "Experimental Study and Steady State Stability Analysis of CLL-T Series Parallel Resonant Converter with Fuzzy Controller using State Space Analysis", Iranian Journal of Electrical & Electronic Engineering, DOI No.1422 (A-10-334-3), 2012.</p> <p>18. N.Santhiyakumari, P.Rajendran, M.Madheswaran and S.Suresh, "Detection of the intima and media layer thickness of ultrasound common carotid artery image using efficient active contour segmentation technique" Journal of Medical & biological engineering & computing-Springer, Vol.49, pp.1299-1310, 2011.</p> <p>19. N.Santhiyakumari, P.Rajendran and M.Madheswaran, "Medical decision-making system of ultrasound carotid artery intima-media thickness using neural networks", Journal Digital Imaging-Springer, Vol.No.24, pp.1112-1125, 2011.</p> <p>20. N.Santhiyakumari and M.Madheswaran, "Multicue PDE-based segmentation of ultrasound carotid artery using flooding technique" International Journal of Medical Engineering and Informatics,</p>
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		<p>Vol.No.3, pp.1-11, 2011.</p> <p>21. R.Ramesh and M.Madheswaran, "3-D numerical modeling and simulation of nanoscale FinFET for the application in ULSI circuits" Elsevier Journal, Vol.44, pp.80-86, 2011.</p> <p>22. R.Ramesh and M.Madheswaran, "Self-consistent 3-D numerical modeling of a uniformly doped nanoscale in FinFET using interpolating wavelets", Journal of Computational Electronics-Springer, Vol.10, pp.331-340, 2011.</p> <p>23. R.Ramesh,M.Madheswaran and K.Kannan, "Nanoscale FinFET sensor for determining the breast cancer tissues using wavelet coefficients", Journal of Mechanics in Medicine and Biology, Vol.11, pp.1295-1314, 2011. 7</p> <p>24. R.Ramesh,M.Madheswaran and K.Kannan, "Numerical simulation of Nanoscale FINFET photodetector for optimal detection of biological signals using interpolating wavelets", Progress in Electromagnetics Research B, Vol.31, pp.239-260, 2011.</p> <p>25. C.Nagarajan and M.Madheswaran, "Experimental Study and Comparative analysis of CLL-T and LCL-T Series Parallel resonant Converter with Fuzzy/PID Controller", Journal of Electrical Engineering, Vol.11, pp.122-129, 2011.</p> <p>26. C.Nagarajan and M.Madheswaran, "Performance analysis of LCL-T resonant converter with fuzzy/PID controller using state space analysis", Journal of Electrical Engineering-Springer, Vol.93, pp.167-178, 2011.</p> <p>27. C.Nagarajan and M.Madheswaran, "Stability analysis of series parallel resonant converter with fuzzy logic controller using state space</p>
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		<p>techniques”, Journal of Electric Power Components and Systems-Taylor&Fransis, Vol.39, pp.780-793, 2011.</p> <p>28. M.Madheswaran and C.Venkatesh, “Performance analysis of pilot based channel estimation techniques in MB OFDM systems”, ICTACT Journal of Communication Technology, Vol.2, pp.438-443, 2011.</p> <p>29. T.Menakadevi and M.Madheswaran, “Design and analysis of hybrid wave pipelined phase accumulator for direct digital synthesizer”, ARPN Journal of Engineering and Applied Sciences, Vol.6, pp.52-61, 2011.</p> <p>30. K.Shamugavadivu and M.Madheswaran, “Efficient neighbor group data caching in mobile AD HOC networks for increasing performance of data access”, International journal of Computer Applications Engineering, Technology and Sciences, Vol.3, pp.63-67, 2011.</p> <p>31.N.Thenmozhi and M.Madheswaran, “Content based data transfer mechanism for efficient bulk data transfer in grid computing environment”, International Journal of Grid Computing & Applications, Vol.2, pp.49-62, 2011.</p> <p>32. N.Santhiyakumari, and M.Madheswaran, “Ultrasound carotid artery image segmentation using shape prior technique”, International Journal of Medical Engineering and Informatics, Vol.2, pp.364-375, 2010.</p> <p>33.N.Santhiyakumari and M.Madheswaran, “Intelligent medical decision system for identifying ultrasound carotid artery images with vascular disease” International Journal</p>
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		<p>of Computer Applications, Vol.No.1, pp.32-39, 2010.</p> <p>34. S.Karthikeyan, S.Sasikumar and M.Madheswaran, S.Sophia "Comparison of Linear and Non- Linear Multiuser Detectors with Quantum Constraints", Journal of Computer Science and Telecommunications, Vol. 26, pp.40-47, 2010.</p> <p>35. M.Suganthi and M.Madheswaran, "A novel approach towards segmentation of breast tumors from screening mammograms for efficient decision support system", Journal of World Academy of Science, Engineering and Technology, pp.398-403, 2010.</p> <p>36. P.Rajendran and M.Madheswaran, "Novel fuzzy association rule image mining algorithm for medical decision support system", International Journal of Computer Applications, Vol.1, pp.93-100, 2010.</p> <p>37. P.Rajendran and M.Madheswaran, "Hybrid medical image classification using association rule mining with decision tree algorithm", Journal of Computing, Vol.2, pp.127-136, 2010.</p> <p>38. P.Rajendran and M.Madheswaran, "An improved brain image classification technique with mining and shape prior segmentation procedure", Journal of Medical Systems-Springer, Vol.36, pp.747-764, 2010.</p> <p>39. P.Rajendran and M.Madheswaran, "Association rule mining with neural network for brain tumor classification", i-manager's journal on Software Engineering, Vol.4, pp.36-43, 2010.</p> <p>40. S.Saravanan and M.Madheswaran, "Modified multiply and accumulate</p>
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		<p>unit with hybrid encoded reduced transition activity technique equipped multiplier and low power 0.13μm adder for image processing applications”, International Journal of Computer Applications, Vol.1, pp.61-66, 2010. 8</p> <p>41. D.Mohana Geetha and M.Madheswaran, “Optimization of fixed guided beam structures using genetic algorithms for optical switching applications”, European Journal of Scientific Research, Vol.46, pp.465-482, 2010.</p> <p>42. D.Mohana Geetha and M.Madheswaran, “Performance analysis and optimization of lumped parameters of electrostatic actuators for optical MEMS switches”, International Journal of Computer Science and Information Security, Vol.7, pp.209-215, 2010.</p> <p>43. R.Ramesh,M.Madheswaran and K.Kannan, “Optical effects on the characteristics of a Nanoscale FINFET”, Progress in Electromagnetics Research B, Vol.21, pp.235-255, 2010.</p> <p>44. R.Ramesh,M.Madheswaran and K.Kannan, “Optical characterization of biological tissues using nanoscale FinFET photodetector”, Journal of optoelectronics and advanced materials, Vol.12, pp.2044-2051, 2010.</p> <p>45. R.Ramesh,M.Madheswaran and K.Kannan, “Optical effects in the characteristics of uniformly doped nanoscale FinFET”, Journal of Nanoelectronics and Optoelectronics, Vol.5, pp.89-101, 2010.</p> <p>46.B.Priestly Shan and M.Madheswaran, “Revised estimates of ultrasonographic markers for gestational age assessment of</p>
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		<p>singleton pregnancies among Indian population”, International Journal of Advanced Science and Technology, Vol.17, pp.1-12, 2010.</p> <p>47. B.Priestly Shan and M.Madheswaran, “A generalized despeckling filter for enhancing fetal structures to aid automated obstetric pathologies” International Journal of Computer Theory and Engineering, Vol.2, pp.445-453, 2010.</p> <p>48. C.Nagarajan and M.Madheswaran, “Analysis and implementation of LLC-T series parallel resonant converter using fuzzy logic controller” International Journal of Engineering Science and Technology, Vol.2, pp.35-43, 2010.</p> <p>49. C.Nagarajan and M.Madheswaran, “Performance analysis of LCL-T resonant converter with fuzzy/PID controller using state space analysis”, International Journal of Electronics Engineering Research, Vol.2, pp.51-70, 2010.</p> <p>50. C.Nagarajan and M.Madheswaran, “State space analysis of LCL-T resonant converter with fuzzy controller” International Journal of Recent Trends in Engineering and Technology, Vol.3, pp.131-135, 2010.</p> <p>51.L.Thulasimani and M.Madheswaran, “A low-power and high throughput reconfigurable data integrity unit for software radio”, International Journal of Computer and Electrical Engineering, Vol.2, pp.741-746, 2010.</p> <p>52. L.Thulasimani and M.Madheswaran, “Design and performance analysis of unified reconfigurable data integrity unit for mobile terminals”, International</p>
--	--	--

			<p>journal of Computer Science and Information Security, Vol.7, pp.184-191, 2010.</p> <p>53.L.Thulasimani and M.Madheswaran, "Design and implementation of reconfigurable rijndael encryption algorithms for reconfigurable mobile terminals", International Journal of Computer Science and Engineering, Vol.2, pp.1003-1011, 2010.</p> <p>54. L.Thulasimani and M.Madheswaran, "Implementation of an energy efficient reconfigurable authentication unit for software radio", International Journal of Computer Science and Engineering, Vol.2, pp.1375-1380, 2010.</p> <p>55. L.Thulasimani and M.Madheswaran, "A single chip design and implementation of AES-128/192/256 encryption algorithms", International journal of Engineering Science and Technology, Vol.2, pp.1052-1059, 2010.</p> <p>56. I.Thangaraju and M.Madheswaran, "Performance analysis of double inverter fed wound rotor induction motor using fuzzy and PI controller", International Journal of Computer Applications, Vol.1, pp.80-89, 2010.</p> <p>57. M.Deepamalar and M.Madheswaran, "An enhanced palm vein recognition system using multi-level fusion of multimodal features and adaptive resonance theory", International Journal of Computer Applications, Vol.1, pp.95-101, 2010.</p> <p>58.T.Menakadevi and M.Madheswaran, "Analysis of high throughput and area efficient direct digital synthesizer for software defined radio ", International Journal of Energy</p>
--	--	--	--

		<p>Systems, Computers and Control, Vol.1, pp.57-67, 2010. 9</p> <p>59. R.Bhaskaran and M.Madheswaran, "Performance analysis of congestion control in mobile Adhoc grid layer", International Journal of Computer Applications, Vol.1, pp.102-110, 2010</p> <p>60. K.Shamugavadivu and M.Madheswaran, "Improve the data access performance using neighbor group cooperative caching in ADHOC networks", Journal of Computer Applications, Vol.III, pp.12-17, 2010.</p> <p>61. K.Shanmugavadivu and M.Madheswaran, "Catching technique for improving data retrieval performance in mobile Ad Hoc networks", International Journal of Computer Science and Information Technologies, Vol.1, pp.249-255, 2010.</p> <p>62. K.Shamugavadivu and M.Madheswaran, "Technique for Improving the data retrieval performance in mobile environments", Journal of Computer Applications, Vol.III, pp.1-6, 2010.</p> <p>63.N.Thenmozhi and M.Madheswaran, "Analysis of impact of symmetric encryption algorithms in data security model of grid networks", International Journal of Computer Science and Information Security, Vol.8, pp.99-106, 2010.</p> <p>64.R.Vidhya Lavanya and M.Madheswaran, "An improved denoising algorithm using parametric multiwavelets for image enhancement", International Journal of Advanced Science and Technology, Vol.16, pp.1-10, 2010.</p> <p>65. S.Malarvizhi and M.Madheswaran,</p>
--	--	--

		<p>“New active queue management mechanism for reducing packet loss rate”, Journal of Computer Applications, Vol.III, pp.1-7, 2010.</p> <p>66. S.Malarvizhi and M.Madheswaran, “Design of congestion control mechanism for standaradizing the queueing delay”, International Journal of Engg. Research and Indu. Appls., Vol.3, pp.299-310, 2010.</p> <p>67.K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, “Texture pattern analysis of kidney tissues for disorder identification and classification using dominant gabor wavelet”, Journal of Machine Vision and Applications, Vol.No.21, pp.287-300, 2009.</p> <p>68. P.Prakasam and M.Madheswaran, “Intelligent decision making system for digital modulation scheme classification in software radio using wavelet transform and higher order statistical moments”, Wireless Personal Communications- Springer, Vol.No.50, pp.509-528, 2009.</p> <p>69. P.Prakasam and M.Madheswaran, “Reconfigurable automatic modulation identification hardware module for software defined radio receivers”, International Journal of Computer Theory and Engineering, Vol.1. pp. 562-570, 2009.</p> <p>70. P.Prakasam and M.Madheswaran, “Modulation Identification algorithm for adaptive demodulator in software defined radios using wavelet transform”, International Journal of World Academy of Science Engineering and Technology, Vol.1. pp.676-683, 2009.</p> <p>71. S.Karthikeyan, S.Sasikumar and M.Madheswaran, “Efficient estimation</p>
--	--	--

		<p>algorithm for speech signal”, Leonardo Journal of Sciences, Issue 14, pp.183-192, 2009.</p> <p>72. S.Karthikeyan, S.Sasikumar and M.Madheswaran, “Speech signal based MMSE estimation using quantum parameters for multichannel system”, The Mediterranean Journal of Computer and Networks, Vol.5, pp.114-120, 2009.</p> <p>73. S.Sasikumar,S.Karthikeyan,M.Suganthi and M.Madheswaran, “Efficient estimation algorithm for ARMA, exponential and other trigonometric model with quantum constraints”, Journal of IET Signal Processing, Vol.3, pp.64-73, 2009.</p> <p>74. P.Rajendran and M.Madheswaran, “An improved image mining technique for brain tumor classification using efficient classifier”, International Journal of Computer Science and Information Security, Vol.6. pp.107-116, 2009.</p> <p>75. S.Saravanan and M.Madheswaran, “Design and analysis of a spurious switching suppression technique equipped low power multiplier with hybrid encoding scheme”, International Journal of Computer Science and Information Security, Vol.6. pp.73-78,2009.</p> <p>76. T.Pearson and M.Madheswaran, “Structural analysis of high frequency parameters for discrete components”, International Journal of Computer and Electrical Engineering, Vol.1, pp.579-583, 2009. 10</p> <p>77. S.Malarvizhi and M.Madheswaran, “Design of TCP Protocol with Low priority for improving TCP performance”, CiIT International</p>
--	--	---

			<p>Journal of Networking and Communication Engineering, Vol.1, pp.88-91, 2009.</p> <p>78. S.Malarvizhi and M.Madheswaran, "Network performance enhancement using new active queue management", CiiT International Journal of Networking and Communication Engineering, Vol.1, pp.467-471, 2009.</p> <p>79.T.Menakadevi and M.Madheswaran, "Design and Implementation of High Performance Viterbi Decoder for Mobile Communication data Security", AISC 63, pp.69-76, 2009.</p> <p>80. S.Manikandan, M.Madheswaran and T.Purusothaman, "An recent literature review of active noise control systems", International Journal of Systems and Simulation Vol.3, pp.55-69, 2009.</p> <p>81. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Computer assisted ultrasound kidney image analysis for automated clinical decision using optimized multilayer back propagation network (O-MBPN)", International Journal Biomedical Engineering and Computational Health Informatics, Vol.No.1, pp.72-80, 2008.</p> <p>82.K.BommannaRaja, M.Madheswaran and K. Thyagarajah, "A hybrid fuzzy-neural system for computer-aided diagnosis of ultrasound kidney images using prominent features", Journal of Medical Systems-Springer, Vol.No.32, pp.65-83, 2008.</p> <p>83.N.Santhiyakumari and M.Madheswaran, "Non-invasive evaluation of carotid artery wall thickness using improved dynamic programming technique", Journal Signal, Image and Video Processing-</p>
--	--	--	--

		<p>Springer, Vol.No.2, pp.183-193, 2008.</p> <p>84. P.Prakasam and M.Madheswaran, "M-ary shift keying modulation scheme identification algorithm using wavelet transform and higher order statistical moment", Journal of Applied Sciences, Vol.No.8, pp.112-119, 2008.</p> <p>85. P.Prakasam and M.Madheswaran, "Digital modulation identification model using wavelet transform and statistical parameters", Journal of Computer Systems, Networks and Communications, Vol.No.2008, pp.1-8, 2008.</p> <p>86.S.Sasikumar,S.Karthikeyan,M.Suganthi and M.Madheswaran, "Comparitive Analysis of a Quantum Signal Processing based Pomf Receiver with Adaptive Filters", International Journal of Science and Technology, Vol.13, pp.33-39, 2008.</p> <p>87.S.Sasikumar,S.Karthikeyan,M.Suganthi and M.Madheswaran, "Quantum based approach for the extraction of orthonormal and orthogonal vectors", Journal of Extension and Research, Vol.1, pp.32-34, 2008.</p> <p>88. B.Priestly Shan and M.Madheswaran, "An improved EDGE preserving filter for ultra sound image enhancement using Non-linear speckle estimation technique", International Journal of Computational Intelligence and Health Care Informatics, Vol.1, pp.1-7, 2008.</p> <p>89. P.Suresh M.Madheswaran and R.Kesavan, "Finite element modeling and analysis of magnetic resonance imaging of lumbar spine using pro/ E software", International Journal of Computational Intelligence and Healthcare Informatics, Vol.1, pp.50-56, 2008.</p>
--	--	--

		<p>90. S.Manikandan, M.Madheswaran and T.Purusothaman, "A new design of adaptive noise cancellation speech signals using WGES method", International Journal of Systems and Simulation, Vol.2, pp.85-96, 2008.</p> <p>91. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Evaluation of ultrasound kidney images using dominant gabor wavelet (DoM-GW) for computer assisted disorder identification and classification", Journal of Biomedical Engg, Vol.No.19, pp.395-407, 2007.</p> <p>92. S.Manikandan and M.Madheswaran, "Implementation of active noise filter for real time noise reduction using the TMS320C5402 DSP kit", Journal of Applied Sciences, Vol.7, pp.2750-2754, 2007.</p> <p>93. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Ultrasound kidney image analysis for computerized disorder identification and classification using content descriptive power spectral features", Journal of Medical Systems-Springer, Vol.No.31, pp.307-317, 2007. 11</p> <p>94. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Tissue characterization of kidney using content descriptive power spectral components for computer-aided diagnosis and classification", International Journal of Soft Computing-Medwell Journal, Vol.No.2, pp.502-512, 2007.</p> <p>95. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Quantitative and Qualitative evaluation of US kidney images for disorder classification using multi-scale</p>
--	--	--

		<p>differential features”, ICGST-BIME Journal, Vol.No.7, pp.1-7, 2007.</p> <p>96. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, “A general segmentation scheme for contouring kidney region in ultrasound kidney images using improved higher spline interpolation”, International Journal of Biomedical Sciences, Vol.No.2, pp.81-88, 2007.</p> <p>97. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “Design and implementation of POMF receiver using quantum measurement concepts”, IETECH Journal of Information Systems, Vol.1, pp.36-40, 2007.</p> <p>98. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “Covariance shaping least square estimation algorithm for exponential and trigonometric model with quantum parameters”, IETECH Journal of Information Systems, Vol.1, pp.52-58, 2007.</p> <p>99. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “A Narrative approach for speech signal based MMSE estimation using quantum parameters”, Journal of WSEAS Transactions on Signal Processing, Vol.3, pp.496-501, 2007.</p> <p>100. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “Comparative analysis of quantum based with linear and non linear adaptive receivers”, International Journal of Science and Technology, Vol.13, pp.33-39, 2007.</p> <p>101. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “A New Approach to Estimation Algorithm for ARMA Model with Quantum</p>
--	--	---

		<p>Parameters”, Far East Journal of Electronics and Communications, Vol.1, pp.123-133, 2007.</p> <p>102. N.Santhiyakumari and M.Madheswaran, “Analysis of atherosclerosis for identification of cerebrovascular and cardiovascular diseases using active contour segmentation of carotid artery”, International Journal of Biomedical, Vol.No.5, pp.1-6, 2006.</p> <p>103. M.Madheswaran and K.Kalaiarasi, “Optically controlled microwave characteristics of GaAs MESFET as an optical port in OMMIC’s”, International Journal of Microwave and Optical Technology, Vol.1, pp.724-730, 2006.</p> <p>104. K.Bommanna Raja, M.Madheswaran, K. Thyagarajah, M.Ramasubba Reddy and S.Swarnamani, “Efficient Information System for Health Care-Study and Implementation Methodology”, Journal of IETE Technical Review, Vol.No.20, pp.387-394, 2003.</p> <p>105. M.Madheswaran, V.Rajamani and P.Chakrabarti, “Quasi-Two-Dimensional Simulation of an Ion-Implanted GaAs MESFET Photodetector”, Microwave and Optical Technology Letters Vol.26, pp. 247-254, 2000.</p> <p>106. V. Rajamani and M. Madheswaran and P. Chakrabarti, “Noise analysis of InP/InGaAs Superlattice Avalanche Photodiode,” IETE Journal of Research, 46, pp215-220, 2000.</p> <p>107. M.Madheswaran, A.Madhavan and P.Chakrabarti, “Novel velocity-electric field relation for modeling compound semiconductor field – effect-transistor”, IEE Proc. Circuits, Devices and Systems, Vol.145, pp.</p>
--	--	---

		<p>170–174, 1998.</p> <p>108. P.Chakrabarti, M.Madheswaran, A.Gupta and N.A.Khan, “Numerical simulation of an ion implanted GaAs OPFET”, IEEE Trans. Microwave Theory & Tech., MTT-46, pp 1360-1366, 1998.</p> <p>109. M.Madheswaran, and P.Chakrabarti, “Frequency dependent characteristics of an optically controlled InP MIS capacitor”, International Journal of Solid State Electronics, Vol.42, pp. 795-801, 1998.</p> <p>110. M.J. Akhtar, M.Madheswaran and P.Chakrabarti, “A large signal model of an optically controlled GaAs IMPATT diode,” IETE J. Research, 43, pp319-325, 1997.</p> <p>111. V. Rajamani, M.Madheswaran and P.Chakrabarti, “A low-noise photodetector for MIR application,” Communication in Instrumentation, 5, pp233-244, 1997. 12</p> <p>112. M.Madheswaran, and P.Chakrabarti, “Intensity modulated photoeffects in InP-MIS capacitors”, IEE Proceedings on Optoelectronics., Vol.143, pp.248-251, 1996.</p> <p>113. P.Chakrabarti, B.K.Mishra and M.Madheswaran, “SPICE-Compatible Microwave Model of an Optically Controlled High Electron Mobility Transistor”, International Journal of Microwave and Millimetre-Wave Computer Aided Engineering, Vol.6, pp.399-410, 1996.</p> <p>114. P.Chakrabarti, M.Madheswaran, B.K. Mishra, S. Singatwaria, A. Tandon and B. Ghose, “Effect of surface states on the electrical and optical characteristics of InP-MIS capacitor,” Physica Status Solidi(a), 155, pp389-</p>
--	--	---

			<p>398, 1996.</p> <p>115. S.Sophia M.Madheswaran and S.Sasikumar, "Modulation Recognition for software defined radio signal" Book Chapter, DOI: 10.4018/978-1-61520-655-1, 2012.</p>
		Conferences	<p>M. Madheswaran and T.Menakadevi, "An Improved Direct Digital Synthesizer using Hybrid Wave Pipelining CORDIC Algorithm for Software Defined Radio", Journal of Circuits, Systems and Signal Processing - Springer, DOI 10.1007/s00034-012-9495-x.</p> <p>2. M.Suganthi and M.Madheswaran, "An improved medical decision support system to identify the breast cancer using mammogram", Journal of Medical Systems- Springer, Vol.36, pp.79-91, 2012.</p> <p>3. M.Madheswaran and S. Jerald Jeba Kumar, "An Improved Medical Decision Support System to Grading the Diabetic Retinopathy Using Fundus Images", ICTACT Journal on on Image and Video Processing, Volume 3, Issue 2, pp.502-510, November 2012, ISSN: 0976-9099(Print) ISSN: 0976-9102(Online)</p> <p>4. P.Suresh Kumar and M.Madheswaran, "Radar cross section estimation procedure using signal processing approach", European Journal of Scientific Research, Vol.75, pp.434-447, 2012.</p> <p>5. M. Muruganandam, M. Madheswaran, "Experimental verification of chopper fed DC series motor with ANN controller" Published in International Journal of Frontiers of Electrical and Electronic Engg. in China, (Springer Publication) Volume 7, Issue 4, December 2012, Page(s):477-489, ISSN: 2095-2732.</p>

		<p>6. M.Muruganandam, M.Madheswaran, "Simulation and Implementation of Generalized Hybrid Intelligent Controllers for Chopper fed DC Series Motor" Published in International Journal of Wulfenia, Volume 19, Issue 12, December 2012, Page(s):313-335. ISSN: 1561-882X 6</p> <p>7. L.Thulasimani and M.Madheswaran, "A novel secure hash algorithm for public key digital signature schemes", The International Arab Journal of Information Technology, Vol.9, pp.262-267, 2012.</p> <p>8. I.Thangaraju and M.Madheswaran, "A novel dual side control mechanism for WRIM using intelligent controllers" European Journal of Scientific Research, Vol.78, pp.107-118, 2012.</p> <p>9. P.Suresh Kumar and M.Madheswaran, "Radar cross section estimation procedure using signal processing approach", European Journal of Scientific Research, Vol.75, pp.434-447, 2012.</p> <p>10. C.Venkatesh and M.Madheswaran, "Performance analysis of multiband OFDM system over ultra wideband channels using Kalman filter", Wireless Personal Communications-Springer,2012, ISSN: 0929-6212 (print version),ISSN: 1572-834X (electronic version) , Impact Factor: 0.458,DOI: 10.1007/s11277-012-0750-z.</p> <p>11. T.Menakadevi and M.Madheswaran, "Direct digital synthesizer using pipelined CORDIC algorithm for software defined radio", International Journal of Science and Technology, Vol.2, pp.372-378, 2012, ISSN 2224-3577, Impact Factor:</p> <p>12. T.Menakadevi and M.Madheswaran, "FPGA</p>
--	--	--

		<p>implementation of direct digital synthesizer using pipelined CORDIC algorithm”, European Journal of Scientific Research, Vol.79, pp.269-278, 2012, ISSN 1450-216X, Impact Factor:</p> <p>13. S.Jerald Jeba Kumar and M.Madheswaran, “An improved medical decision support system to identify the diabetic retinopathy using fundus images”, Journal of Medical Systems-Springer, ISSN: 0148-5598, Impact Factor: 1.132, DOI: 10.1007/s10916-012-9833-3, 2012.</p> <p>14. M.Madheswaran and M.Muruganandam, “Simulation and implementation of PID-ANN controller for chopper fed embedded PMDC motor”, ICTACT Journal on Soft Computing, Vol.2, pp.319-324, 2012, ISSN 0976-6561 (Print), ISSN: 2229-6956(Online).</p> <p>15. R.Vivekanandan and M.Madheswaran, “Biometric human identification system using palm print retrieval considering normalized PCA and SOM”, European Journal of Scientific Research, Vol.80, pp.68-76, 2012, ISSN 1450-216X.</p> <p>16. R.Ramesh, M.Madheswaran and K.Kannan, “Physical noise model of a uniformly doped nanoscale FinFET photodetector”, International Journal for Light and Electron Optics-Elsevier, Vol.123, pp.1087-1094, 2012.</p> <p>17. C.Nagarajan and M.Madheswaran, “Experimental Study and Steady State Stability Analysis of CLL-T Series Parallel Resonant Converter with Fuzzy Controller using State Space Analysis”, Iranian Journal of Electrical & Electronic Engineering, DOI No.1422 (A-10-334-3), 2012.</p>
--	--	--

		<p>18. N.Santhiyakumari, P.Rajendran, M.Madheswaran and S.Suresh, "Detection of the intima and media layer thickness of ultrasound common carotid artery image using efficient active contour segmentation technique" Journal of Medical & biological engineering & computing-Springer, Vol.49, pp.1299-1310, 2011.</p> <p>19. N.Santhiyakumari, P.Rajendran and M.Madheswaran, "Medical decision-making system of ultrasound carotid artery intima-media thickness using neural networks", Journal Digital Imaging-Springer, Vol.No.24, pp.1112-1125, 2011.</p> <p>20. N.Santhiyakumari and M.Madheswaran, "Multicue PDE-based segmentation of ultrasound carotid artery using flooding technique" International Journal of Medical Engineering and Informatics, Vol.No.3, pp.1-11, 2011.</p> <p>21. R.Ramesh and M.Madheswaran, "3-D numerical modeling and simulation of nanoscale FinFET for the application in ULSI circuits" Elsevier Journal, Vol.44, pp.80-86, 2011.</p> <p>22. R.Ramesh and M.Madheswaran, "Self-consistent 3-D numerical modeling of a uniformly doped nanoscale in FinFET using interpolating wavelets", Journal of Computational Electronics-Springer, Vol.10, pp.331-340, 2011.</p> <p>23. R.Ramesh, M.Madheswaran and K.Kannan, "Nanoscale FinFET sensor for determining the breast cancer tissues using wavelet coefficients", Journal of Mechanics in Medicine and Biology, Vol.11, pp.1295-1314, 2011. 7</p> <p>24. R.Ramesh, M.Madheswaran and K.Kannan, "Numerical simulation of</p>
--	--	---

		<p>Nanoscale FINFET photodetector for optimal detection of biological signals using interpolating wavelets”, Progress in Electromagnetics Research B, Vol.31, pp.239-260, 2011.</p> <p>25. C.Nagarajan and M.Madheswaran, “Experimental Study and Comparative analysis of CLL-T and LCL-T Series Parallel resonant Converter with Fuzzy/PID Controller”, Journal of Electrical Engineering, Vol.11, pp.122-129, 2011.</p> <p>26. C.Nagarajan and M.Madheswaran, “Performance analysis of LCL-T resonant converter with fuzzy/PID controller using state space analysis”, Journal of Electrical Engineering-Springer, Vol.93, pp.167-178, 2011.</p> <p>27. C.Nagarajan and M.Madheswaran, “Stability analysis of series parallel resonant converter with fuzzy logic controller using state space techniques”, Journal of Electric Power Components and Systems-Taylor&Fransis, Vol.39, pp.780-793, 2011.</p> <p>28. M.Madheswaran and C.Venkatesh, “Performance analysis of pilot based channel estimation techniques in MB OFDM systems”, ICTACT Journal of Communication Technology, Vol.2, pp.438-443, 2011.</p> <p>29. T.Menakadevi and M.Madheswaran, “Design and analysis of hybrid wave pipelined phase accumulator for direct digital synthesizer”, ARPN Journal of Engineering and Applied Sciences, Vol.6, pp.52-61, 2011.</p> <p>30. K.Shamugavadivu and M.Madheswaran, “Efficient neighbor group data caching in mobile AD HOC networks for increasing performance</p>
--	--	--

		<p>of data access”, International journal of Computer Applications Engineering, Technology and Sciences, Vol.3, pp.63-67, 2011.</p> <p>31. N.Thenmozhi and M.Madheswaran, “Content based data transfer mechanism for efficient bulk data transfer in grid computing environment”, International Journal of Grid Computing & Applications, Vol.2, pp.49-62, 2011.</p> <p>32. N.Santhiyakumari, and M.Madheswaran, “Ultrasound carotid artery image segmentation using shape prior technique”, International Journal of Medical Engineering and Informatics, Vol.2, pp.364-375, 2010.</p> <p>33. N.Santhiyakumari and M.Madheswaran, “Intelligent medical decision system for identifying ultrasound carotid artery images with vascular disease” International Journal of Computer Applications, Vol.No.1, pp.32-39, 2010.</p> <p>34. S.Karthikeyan, S.Sasikumar and M.Madheswaran, S.Sophia “Comparison of Linear and Non- Linear Multiuser Detectors with Quantum Constraints”, Journal of Computer Science and Telecommunications, Vol. 26, pp.40-47, 2010.</p> <p>35. M.Suganthi and M.Madheswaran, “A novel approach towards segmentation of breast tumors from screening mammograms for efficient decision support system”, Journal of World Academy of Science, Engineering and Technology, pp.398-403, 2010.</p> <p>36. P.Rajendran and M.Madheswaran, “Novel fuzzy association rule image mining algorithm for medical decision support system”, International Journal</p>
--	--	--

		<p>of Computer Applications, Vol.1, pp.93-100, 2010.</p> <p>37. P.Rajendran and M.Madheswaran, "Hybrid medical image classification using association rule mining with decision tree algorithm", Journal of Computing, Vol.2, pp.127-136, 2010.</p> <p>38. P.Rajendran and M.Madheswaran, "An improved brain image classification technique with mining and shape prior segmentation procedure", Journal of Medical Systems-Springer, Vol.36, pp.747-764, 2010.</p> <p>39. P.Rajendran and M.Madheswaran, "Association rule mining with neural network for brain tumor classification", i-manager's journal on Software Engineering, Vol.4, pp.36-43, 2010.</p> <p>40. S.Saravanan and M.Madheswaran, "Modified multiply and accumulate unit with hybrid encoded reduced transition activity technique equipped multiplier and low power 0.13μm adder for image processing applications", International Journal of Computer Applications, Vol.1, pp.61-66, 2010. 8</p> <p>41. D.Mohana Geetha and M.Madheswaran, "Optimization of fixed guided beam structures using genetic algorithms for optical switching applications", European Journal of Scientific Research, Vol.46, pp.465-482, 2010.</p> <p>42. D.Mohana Geetha and M.Madheswaran, "Performance analysis and optimization of lumped parameters of electrostatic actuators for optical MEMS switches", International Journal of Computer</p>
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		<p>Science and Information Security, Vol.7, pp.209-215, 2010.</p> <p>43. R.Ramesh,M.Madheswaran and K.Kannan, "Optical effects on the characteristics of a Nanoscale FINFET", Progress in Electromagnetics Research B, Vol.21, pp.235-255, 2010.</p> <p>44. R.Ramesh,M.Madheswaran and K.Kannan, "Optical characterization of biological tissues using nanoscale FinFET photodetector", Journal of optoelectronics and advanced materials, Vol.12, pp.2044-2051, 2010.</p> <p>45. R.Ramesh,M.Madheswaran and K.Kannan, "Optical effects in the characteristics of uniformly doped nanoscale FinFET", Journal of Nanoelectronics and Optoelectronics, Vol.5, pp.89-101, 2010.</p> <p>46. B.Priestly Shan and M.Madheswaran, "Revised estimates of ultrasonographic markers for gestational age assessment of singleton pregnancies among Indian population", International Journal of Advanced Science and Technology, Vol.17, pp.1-12, 2010.</p> <p>47. B.Priestly Shan and M.Madheswaran, "A generalized despeckling filter for enhancing fetal structures to aid automated obstetric pathologies" International Journal of Computer Theory and Engineering, Vol.2, pp.445-453, 2010.</p> <p>48. C.Nagarajan and M.Madheswaran, "Analysis and implementation of LLC-T series parallel resonant converter using fuzzy logic controller" International Journal of Engineering Science and Technology, Vol.2, pp.35-43, 2010.</p> <p>49. C.Nagarajan and M.Madheswaran, "Performance analysis of LCL-T</p>
--	--	--

		<p>resonant converter with fuzzy/PID controller using state space analysis”, International Journal of Electronics Engineering Research, Vol.2, pp.51-70, 2010.</p> <p>50. C.Nagarajan and M.Madheswaran, “State space analysis of LCL-T resonant converter with fuzzy controller” International Journal of Recent Trends in Engineering and Technology, Vol.3, pp.131-135, 2010.</p> <p>51. L.Thulasimani and M.Madheswaran, “A low-power and high throughput reconfigurable data integrity unit for software radio”, International Journal of Computer and Electrical Engineering, Vol.2, pp.741-746, 2010.</p> <p>52. L.Thulasimani and M.Madheswaran, “Design and performance analysis of unified reconfigurable data integrity unit for mobile terminals”, International journal of Computer Science and Information Security, Vol.7, pp.184-191, 2010.</p> <p>53. L.Thulasimani and M.Madheswaran, “Design and implementation of reconfigurable rijndael encryption algorithms for reconfigurable mobile terminals”, International Journal of Computer Science and Engineering, Vol.2, pp.1003-1011, 2010.</p> <p>54. L.Thulasimani and M.Madheswaran, “Implementation of an energy efficient reconfigurable authentication unit for software radio”, International Journal of Computer Science and Engineering, Vol.2, pp.1375-1380, 2010.</p> <p>55. L.Thulasimani and M.Madheswaran, “A single chip design</p>
--	--	--

		<p>and implementation of AES-128/192/256 encryption algorithms”, International journal of Engineering Science and Technology, Vol.2, pp.1052-1059, 2010.</p> <p>56. I.Thangaraju and M.Madheswaran, “Performance analysis of double inverter fed wound rotor induction motor using fuzzy and PI controller”, International Journal of Computer Applications, Vol.1, pp.80-89, 2010.</p> <p>57. M.Deepamalar and M.Madheswaran, “An enhanced palm vein recognition system using multi-level fusion of multimodal features and adaptive resonance theory”, International Journal of Computer Applications, Vol.1, pp.95-101, 2010.</p> <p>58. T.Menakadevi and M.Madheswaran, “Analysis of high throughput and area efficient direct digital synthesizer for software defined radio “, International Journal of Energy Systems, Computers and Control, Vol.1, pp.57-67, 2010. 9</p> <p>59. R.Bhaskaran and M.Madheswaran, “Performance analysis of congestion control in mobile Adhoc grid layer”, International Journal of Computer Applications, Vol.1, pp.102-110, 2010</p> <p>60. K.Shamugavadivu and M.Madheswaran, “Improve the data access performance using neighbor group cooperative caching in ADHOC networks”, Journal of Computer Applications, Vol.III, pp.12-17, 2010.</p> <p>61. K.Shanmugavadivu and M.Madheswaran, “Catching technique for improving data retrieval performance in mobile Ad Hoc networks”, International Journal of Computer Science and Information</p>
--	--	---

			<p>Technologies, Vol.1, pp.249-255, 2010.</p> <p>62. K.Shamugavadivu and M.Madheswaran, "Technique for Improving the data retrieval performance in mobile environments", Journal of Computer Applications, Vol.III, pp.1-6, 2010.</p> <p>63. N.Thenmozhi and M.Madheswaran, "Analysis of impact of symmetric encryption algorithms in data security model of grid networks", International Journal of Computer Science and Information Security, Vol.8, pp.99-106, 2010.</p> <p>64. R.Vidhya Lavanya and M.Madheswaran, "An improved denoising algorithm using parametric multiwavelets for image enhancement", International Journal of Advanced Science and Technology, Vol.16, pp.1-10, 2010.</p> <p>65. S.Malarvizhi and M.Madheswaran, "New active queue management mechanism for reducing packet loss rate", Journal of Computer Applications, Vol.III, pp.1-7, 2010.</p> <p>66. S.Malarvizhi and M.Madheswaran, "Design of congestion control mechanism for standaradizing the queueing delay", International Journal of Engg. Research and Indu. Appls., Vol.3, pp.299-310, 2010.</p> <p>67. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Texture pattern analysis of kidney tissues for disorder identification and classification using dominant gabor wavelet", Journal of Machine Vision and Applications, Vol.No.21, pp.287-300, 2009.</p> <p>68. P.Prakasam and M.Madheswaran, "Intelligent decision making system for digital modulation scheme</p>
--	--	--	---

		<p>classification in software radio using wavelet transform and higher order statistical moments”, <i>Wireless Personal Communications- Springer</i>, Vol.No.50, pp.509-528, 2009.</p> <p>69. P.Prakasam and M.Madheswaran, “Reconfigurable automatic modulation identification hardware module for software defined radio receivers”, <i>International Journal of Computer Theory and Engineering</i>, Vol.1. pp. 562-570, 2009.</p> <p>70. P.Prakasam and M.Madheswaran, “Modulation Identification algorithm for adaptive demodulator in software defined radios using wavelet transform”, <i>International Journal of World Academy of Science Engineering and Technology</i>, Vol.1. pp.676-683, 2009.</p> <p>71. S.Karthikeyan, S.Sasikumar and M.Madheswaran, “Efficient estimation algorithm for speech signal”, <i>Leonardo Journal of Sciences</i>, Issue 14, pp.183-192, 2009.</p> <p>72. S.Karthikeyan, S.Sasikumar and M.Madheswaran, “Speech signal based MMSE estimation using quantum parameters for multichannel system”, <i>The Mediterranean Journal of Computer and Networks</i>, Vol.5, pp.114-120, 2009.</p> <p>73. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “Efficient estimation algorithm for ARMA, exponential and other trigonometric model with quantum constraints”, <i>Journal of IET Signal Processing</i>, Vol.3, pp.64-73, 2009.</p> <p>74. P.Rajendran and M.Madheswaran, “An improved image mining technique for brain tumor classification using</p>
--	--	---

		<p>efficient classifier”, International Journal of Computer Science and Information Security, Vol.6. pp.107-116, 2009.</p> <p>75. S.Saravanan and M.Madheswaran, “Design and analysis of a spurious switching suppression technique equipped low power multiplier with hybrid encoding scheme”, International Journal of Computer Science and Information Security, Vol.6. pp.73-78,2009.</p> <p>76. T.Pearson and M.Madheswaran, “Structural analysis of high frequency parameters for discrete components”, International Journal of Computer and Electrical Engineering, Vol.1, pp.579-583, 2009. 10</p> <p>77. S.Malarvizhi and M.Madheswaran, “Design of TCP Protocol with Low priority for improving TCP performance”, CiIT International Journal of Networking and Communication Engineering, Vol.1, pp.88-91, 2009.</p> <p>78. S.Malarvizhi and M.Madheswaran, “Network performance enhancement using new active queue management”, CiIT International Journal of Networking and Communication Engineering, Vol.1, pp.467-471, 2009.</p> <p>79. T.Menakadevi and M.Madheswaran, “Design and Implementation of High Performance Viterbi Decoder for Mobile Communication data Security”, AISC 63, pp.69-76, 2009.</p> <p>80. S.Manikandan, M.Madheswaran and T.Purusothaman, “An recent literature review of active noise control systems”, International Journal of Systems and Simulation Vol.3, pp.55-69, 2009.</p>
--	--	---

		<p>81. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Computer assisted ultrasound kidney image analysis for automated clinical decision using optimized multilayer back propagation network (O-MBPN)", International Journal Biomedical Engineering and Computational Health Informatics, Vol.No.1, pp.72-80, 2008.</p> <p>82. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "A hybrid fuzzy-neural system for computer-aided diagnosis of ultrasound kidney images using prominent features", Journal of Medical Systems-Springer, Vol.No.32, pp.65-83, 2008.</p> <p>83. N.Santhiyakumari and M.Madheswaran, "Non-invasive evaluation of carotid artery wall thickness using improved dynamic programming technique", Journal Signal, Image and Video Processing-Springer, Vol.No.2, pp.183-193, 2008.</p> <p>84. P.Prakasam and M.Madheswaran, "M-ary shift keying modulation scheme identification algorithm using wavelet transform and higher order statistical moment", Journal of Applied Sciences, Vol.No.8, pp.112-119, 2008.</p> <p>85. P.Prakasam and M.Madheswaran, "Digital modulation identification model using wavelet transform and statistical parameters", Journal of Computer Systems, Networks and Communications, Vol.No.2008, pp.1-8, 2008.</p> <p>86. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, "Comparitive Analysis of a Quantum Signal Processing based Pomf Receiveer with Adaptive Filters", International Journal</p>
--	--	--

		<p>of Science and Technology, Vol.13, pp.33-39, 2008.</p> <p>87.S.Sasikumar,S.Karthikeyan,M.Suganthi and M.Madheswaran, "Quantum based approach for the extraction of orthonormal and orthogonal vectors", Journal of Extension and Research, Vol.1, pp.32-34, 2008.</p> <p>88. B.Priestly Shan and M.Madheswaran, "An improved EDGE preserving filter for ultra sound image enhancement using Non-linear speckle estimation technique", International Journal of Computational Intelligence and Health Care Informatics, Vol.1, pp.1-7, 2008.</p> <p>89. P.Suresh M.Madheswaran and R.Kesavan, "Finite element modeling and analysis of magnetic resonance imaging of lumbar spine using pro/ E software", International Journal of Computational Intelligence and Healthcare Informatics, Vol.1, pp.50-56, 2008.</p> <p>90. S.Manikandan, M.Madheswaran and T.Purusothaman, "A new design of adaptive noise cancellation speech signals using WGES method", International Journal of Systems and Simulation, Vol.2, pp.85-96, 2008.</p> <p>91. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Evaluation of ultrasound kidney images using dominant gabor wavelet (DoM-GW) for computer assisted disorder identification and classification", Journal of Biomedical Engg, Vol.No.19, pp.395-407, 2007.</p> <p>92. S.Manikandan and M.Madheswaran, "Implementation of active noise filter for real time noise reduction using the TMS320C5402 DSP kit", Journal of Applied Sciences, Vol.7,</p>
--	--	---

			<p>pp.2750-2754, 2007.</p> <p>93. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Ultrasound kidney image analysis for computerized disorder identification and classification using content descriptive power spectral features", Journal of Medical Systems-Springer, Vol.No.31, pp.307-317, 2007. 11</p> <p>94. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Tissue characterization of kidney using content descriptive power spectral components for computer-aided diagnosis and classification", International Journal of Soft Computing-Medwell Journal, Vol.No.2, pp.502-512, 2007.</p> <p>95. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "Quantitative and Qualitative evaluation of US kidney images for disorder classification using multi-scale differential features", ICGST-BIME Journal, Vol.No.7, pp.1-7, 2007.</p> <p>96. K.Bommanna Raja, M.Madheswaran and K. Thyagarajah, "A general segmentation scheme for contouring kidney region in ultrasound kidney images using improved higher spline interpolation", International Journal of Biomedical Sciences, Vol.No.2, pp.81-88, 2007.</p> <p>97. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, "Design and implementation of POMF receiver using quantum measurement concepts", IETECH Journal of Information Systems, Vol.1, pp.36-40, 2007.</p> <p>98. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, "Covariance shaping least square</p>
--	--	--	---

		<p>estimation algorithm for exponential and trigonometric model with quantum parameters”, IETECH Journal of Information Systems, Vol.1, pp.52-58, 2007.</p> <p>99. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “A Narrative approach for speech signal based MMSE estimation using quantum parameters”, Journal of WSEAS Transactions on Signal Processing, Vol.3, pp.496-501, 2007.</p> <p>100. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “Comparative analysis of quantum based with linear and non linear adaptive receivers”, International Journal of Science and Technology, Vol.13, pp.33-39, 2007.</p> <p>101. S.Sasikumar, S.Karthikeyan, M.Suganthi and M.Madheswaran, “A New Approach to Estimation Algorithm for ARMA Model with Quantum Parameters”, Far East Journal of Electronics and Communications, Vol.1, pp.123-133, 2007.</p> <p>102. N.Santhiyakumari and M.Madheswaran, “Analysis of atherosclerosis for identification of cerebrovascular and cardiovascular diseases using active contour segmentation of carotid artery”, International Journal of Biomedical, Vol.No.5, pp.1-6, 2006.</p> <p>103. M.Madheswaran and K.Kalaiarasi, “Optically controlled microwave characteristics of GaAs MESFET as an optical port in OMMIC’s”, International Journal of Microwave and Optical Technology, Vol.1, pp.724-730, 2006.</p> <p>104. K.Bommanna Raja, M.Madheswaran, K. Thyagarajah, M.Ramasubba Reddy and</p>
--	--	---

			<p>S.Swarnamani, "Efficient Information System for Health Care-Study and Implementation Methodology", Journal of IETE Technical Review, Vol.No.20, pp.387-394, 2003.</p> <p>105. M.Madheswaran, V.Rajamani and P.Chakrabarti, "Quasi-Two-Dimensional Simulation of an Ion-Implanted GaAs MESFET Photodetector", Microwave and Optical Technology Letters Vol.26, pp. 247-254, 2000.</p> <p>106. V. Rajamani and M. Madheswaran and P. Chakrabarti, "Noise analysis of InP/InGaAs Superlattice Avalanche Photodiode," IETE Journal of Research, 46, pp215-220, 2000.</p> <p>107. M.Madheswaran, A.Madhavan and P.Chakrabarti, "Novel velocity-electric field relation for modeling compound semiconductor field – effect-transistor", IEE Proc. Circuits, Devices and Systems, Vol.145, pp. 170–174, 1998.</p> <p>108. P.Chakrabarti, M.Madheswaran, A.Gupta and N.A.Khan, "Numerical simulation of an ion implanted GaAs OPFET", IEEE Trans. Microwave Theory & Tech., MTT-46, pp 1360-1366, 1998.</p> <p>109. M.Madheswaran, and P.Chakrabarti, "Frequency dependent characteristics of an optically controlled InP MIS capacitor", International Journal of Solid State Electronics, Vol.42, pp. 795-801, 1998.</p> <p>110. M.J. Akhtar, M.Madheswaran and P.Chakrabarti, "A large signal model of an optically controlled GaAs IMPATT diode," IETE J. Research, 43, pp319-325, 1997.</p> <p>111. V. Rajamani, M.Madheswaran and P.Chakrabarti, "A low-noise photodetector for MIR</p>
--	--	--	--

		<p>application,"Communication in Instrumentation, 5, pp233-244, 1997. 12</p> <p>112. M.Madheswaran, and P.Chakrabarti, "Intensity modulated photoeffects in InP-MIS capacitors", IEE Proceedings on Optoelectronics., Vol.143, pp.248-251, 1996.</p> <p>113. P.Chakrabarti, B.K.Mishra and M.Madheswaran, "SPICE-Compatiable Microwave Model of an Optically Controlled High Electron Mobility Transistor", International Journal of Microwave and Millimetre-Wave Computer Aided Engineering, Vol.6, pp.399-410, 1996.</p> <p>114. P.Chakrabarti, M.Madheswaran, B.K. Mishra, S. Singatwaria, A. Tandon and B. Ghose, "Effect of surface states on the electrical and optical characteristics of InP-MIS capacitor," Physica Status Solidi(a), 155, pp389-398, 1996.</p> <p>115. S.Sophia M.Madheswaran and S.Sasikumar, "Modulation Recognition for software defined radio signal" Book Chapter, DOI: 10.4018/978-1-61520-655-1, 2012.</p>
--	--	--

32.	DR.N.SHANMUGA SUNDARAM HEAD/ECE	Journal	<p>1.M.Madheswaran, R.N. Shanmugasundaram, "Performance evaluation of Balanced Partitioning and Dynamic Cluster head Algorithm (BP-DCA) for Wireless Sensor Networks", Springer – Wireless Personal Communications", 89(1), Pp.195-210.</p> <p>2. Shanmugasundaram, R, N, Madheswaran, M, 2015, 'Distance based Residual energy for Cluster Head Selection (DBR-LEACH) in Wireless Sensor Networks', International Journal of Applied Engineering Research, ISSN: 0973-4562.</p> <p>3.M.Madheswaran, R.N.Shanmugasundaram, "D-LEACH: Dynamic Cluster Head Selection Algorithm for LEACH Protocol in Wireless Sensor Networks", Aust. J. Basic & Appl. Sci., 8(18): 389-398, Dec 2014.</p>
33.	DR.N.VISWANATHAN P/ECE	Conference Journal	<p>-</p> <p>1."An optimised 3D topology for on-chip communications International Journal of Parallel, Emergent and Distributed Systems", Volume 29 Issue 4 2014.</p> <p>2.Deadlock free routing algorithm for minimizing congestion in a Hamiltonian connected recursive 3D-NoCs Microelectronics Journal Volume45Issue 8 2014.</p> <p>3."Certain investigations on vertically Partially connected 3d network On chip topology and arbiter design With optimized parameters" in 2014.</p>
34.	D.CHITRA AP/ECE	Conference	1.Presented a paper on "AD-HOC sensor networks infra structure for emergency medical care", in ICNGCCT 2015.

			<p>2. Presented a paper on “Adaptive power ADDV routing protocol for mobile Adhoc networks”, in IRVEN 2015.</p> <p>3. Presented a paper on “Low power memory architecture design techniques”, in ACCENT 2015.</p>
		Journal	<p>1. Minimize energy consumption in AOD by using energy capsule mode for mobile Ad hoc networks –“Asian journal of research in social science and humanities” pp 762-774.</p>
35.	N.JAYANTHI AP/ECE	Conference	<p>1. Presented a paper on “one bit sigma delta modulator to increase spectral efficiency”, in VLC, INCETET, 2015.</p> <p>2. Presented a paper on “Spectrum utilization in cognitive radio networks in Electronics”, VLSI, embedded systems, Tele communication and signal processing 2014.</p> <p>3. Presented a paper on” Spectrum sensing and allocation of cognitive radio networks”, in ICISSTM 2014.</p>
		Journal	<p>1. “Balance pipeline stages with minimum logic delay on encrypted high speed data using FPGA based AES Algorithm”, -IJRASET Volume 4, Issue II, March 2016.</p> <p>2. “Impulse response model for performance analysis and system design of UWOC Systems”, IJETIE Volume1 Issue4, April 2015.</p>
36.	DR.R.VIJAYAKUMAR AP/ECE	Conference	<p>1. Presented a paper on “Hand signal to voice conversation with GSM alert messages for deaf and dumb”, in NCWCE 2014.</p> <p>2. Presented a paper on “Comparison of various techniques used on bone age assessment”, in TITCON 2014.</p>
37.	V.SENTHILKUMARAN AP/ECE	Conference	<p>1. Presented a paper on” Methodology to detect and diagnose faults in</p>

			<p>memories using BIST”, in MECS,2015.</p> <p>2. Presented a paper on “Analysis of EMF by Neuro –recording system in human brain”, in international conference on advanced research in engineering and applied sciences 2015.</p>
38.	DR.K.MANIVEL AP/ECE	Conference	<p>1.Presented a paper on a “Comparative study of DE speckling filters for enhancement of medical images”, in ICEDSS2017.</p> <p>2.Presented a paper on “A Comparative analysis of DSDV and AODV Routing Protocols in Mobile Ad Hoc Networks”, in ICEDSS2017</p>
39.		Journal	<p>1.“An efficient Image Reconstruction algorithm using space communication.”Asian journal of research in social science and humanities”PP-132-1434.</p>
40.	DR.V.ELLAPPAN AP/ECE	Conference	<p>1.Presented a paper on a “Comparative study of DE speckling filters for enhancement of medical images”, in ICEDSS2017.</p> <p>2.Presented a paper on “A Comparative analysis of DSDV and AODV Routing Protocols in Mobile Ad Hoc Networks”, in ICEDSS2017.</p> <p>3.Presented a paper on “An automated region based medical image compression using lossless and lossy coders”, in ICET 2014.</p>
41.		Journal	<p>1.An efficient Image Reconstruction algorithm using space communication.”Asian journal of research in social science and humanities”PP-132-1434.</p>
42.	S.K.DEEPAA AP/ECE	Conference	<p>1.Presented a paper on “Energy aware performance comparison of DSR and ADDV protocols for MANET “,in ICACT 2015.</p> <p>2. Presented a paper on “On demand</p>

			<p>minimum traffic routing protocol for MANET”, in 2014.</p> <p>3. Presented a paper on “An energy efficient and secure dynamic source routing protocol for Ad-Hoc networks”, in Intelligent science and technology 2014.</p>
43.	K.GIRI AP/ECE	Conference	<p>1.Presented a paper on “LABVIEW based ECG patient monitoring system for cardio vascular patients using SMTP technology”, in ICAEECI 2016.</p> <p>2. Presented a paper on “An effective approach for Detection of node replication attacks and preserving message broad cast in mobile sensor networks”, in NACSMAC,2016.</p>
44.	M.RAVIKUMAR AP/ECE	Conference	<p>1.Presented a paper on “Dynamic spectrum sensing and axis using energy detection techniques”, in “NACSMAC-2016”.</p> <p>2.Presented a paper on Power reduction using single ended 8T SRAM Cell with NBTI technique in MECS,2015.</p> <p>3. Presented a paper on A pattern matching scheme with high through put performance and low memory requirement in NCCCSP 2014.</p> <p>4. Presented a paper on Elliptic curve scalar multiplier design on LUT based FPGA for area and speed performance in NADCOM 2014.</p> <p>5. Presented a paper on Elliptic curve scalar multiplier design on LUT based FPGA for area and speed performance in Intelligent science and technology 2014.</p>
45.		Journal	<p>1.”Power reduction using single ended 8T SRAM Cell with NBTI technique”, IJARCCCE, Volume 4 Issue 7,July 2015</p>
46.	M.ARUNKUMAR	Conference	<p>1.Presented a paper on “Low power</p>

	AP/ECE		<p>SVM module using spurious power suppression technique “,in MECS,2015.</p> <p>2. Presented a paper on ”Practical PPSNR Based ink adaptation for energy efficiency maximization in MIMO OFDM Systems”, in MECS,2015.</p> <p>3.Presented a paper on “Optimal hashing feature based foist palm print identification”, in Intelligent science and technology 2014.</p> <p>4.Presented a paper on “Optimal hashing feature based foist palm print identification”, in NADCOM2014.</p> <p>5. Presented a paper on “Orthogonal space time block coded OFDM linear Pre-coder for cognitive radio”, in ELCOMM 2014.</p>
47.		Journal	1.”Methodology to prevent the SQL injections using hash functions”, IJAER volume-10,2015.
48.	G.RAJESH AP/ECE	Conference	<p>1.Presented a paper on “Memristor modeling and optimization for ultra low power applications” in ICAEECI 2016.</p> <p>2.Presented a paper on “Analysis of sub threshold devices to low voltage fault attacks”, in INCETET,2015.</p> <p>3. Presented a paper on “PDP reduction using single event transient for sequential circuit”, in ICEAS 2015.</p> <p>4.Presented a paper on “Enhanced THZ antenna design with improved directivity and radiation efficiency”, in ICEAS 2015.</p> <p>5. Presented a paper on “Enhancement of delay and power for sequential elements using transient suppressor at system design and information processing”, in 2014.</p>
49.	A.D.DHIVYA AP/ECE	Conference	1.Presented a paper on “Coherent Nyquist M-Ary PSK and QAM signals

			with bit error rate”, in “NACSMAC-2016”.
50.	K.KALAIMAMANI AP/ECE	Conference	1.Presented a paper on “Memristor modeling and optimization for ultra low power applications”, in ICAEECI 2016. 2.Presented a paper on “Analysis of sub threshold devices to low voltage fault attacks”,in INCETET,2015. 3.Presented a paper on “Test patterns of multiple SIC vectors based on accumulator”, in 2IES 2014.
51.		Journal	1.”Analysis of sub threshold devices to low voltage fault attacks”, IJAER Volume 10,Issue6 December 2015.
52.	M.GAUTHAM AP/ECE	Conference	1.Presented a paper on “Automatic energy saving room architecture using ZIGBEE communication”, in ICAEECI 2016. 2.Presented a paper on “Client density based intelligent design of microstrip patch antennas for mobile handset”, in INCETET,2015.
		Journal	1.”Client density based intelligent design of Microstrip patch antennas for mobile handset”, IJAER Volume 10 Issue 6 December 2015.
53.	D.KARTHICKRAJ AP/ECE	Conference	1.Presented a paper on “Automatic energy saving room architecture using ZIGBEE communication”, in ICAEECI 2016.
		Journal	1.”Client density based intelligent design of Microstrip patch antennas for mobile handset”, IJAER Volume 10 Issue 6 December 2015.
54.	C.KARTHICK AP/ECE	Conference	1. Presented a paper on “Realty selection with JNCC for wireless networks in two way relay channels”, in ICII ECS 2014.
55.	D.K.MONISA	Conference	1.Presented a paper on “Coherent Nyquist M-Ary PSK and QAM signals

	AP/ECE		<p>with bit error rate', in "NACSMAC-2016".</p> <p>2. Presented a paper on "Low complexity LDPC decoding for error detection and correction in memory", in ICAIECES 2015.</p>
56.		Journal	<p>1.M.Ragavi,D.K.Monisa,S.Dhivya"Implementation of VLSI architecture for reconfigurable RRC FIR filter using graph based method", IJESRT April 2016.</p> <p>2."Reduced latency majority logic decoding for error detection and correction", IJSET,Volume2 Issue 12,December 2015.</p>
57.	S.DHIVYA AP/ECE	Conference	<p>1.Presented a paper on Coherent Nyquist M-Ary PSK and QAM signals with bit error rate in "NACSMAC-2016".</p>
58.		Journal	<p>1.M.Ragavi,D.K.Monisa,S.Dhivya"Implementation of VLSI architecture for reconfigurable RRC FIR filter using graph based method", IJESRT April 2016.</p> <p>2."Modulation and demodulation process of orthogonal frequency division multiplexing", MEJSR,2015.</p> <p>3."Survey on Bit error rate enhancement on Orthogonal frequency division multiplexing", KJER Volume 1 Issue 1 2014.</p>
59.	A.ABIRAMI AP/ECE	Conference	<p>1.Presented a paper on "Coherent Nyquist M-Ary PSK and QAM signals with bit error rate", in "NACSMAC-2016".</p> <p>2. Presented a paper on "contribution of color to the existing texture features for improving the face recognition performance", in 2IES-2014.</p> <p>3. Presented a paper on "Enhanced color local texture features sets for</p>

			color face recognition”, in NCSST 2014.
60.		Journal	1. “Contribution of color to the existing texture features for improving the face recognition performance”, in IJSET, volume 1, Issue 1 2014.
61.	N.SATHIYA AP/ECE	Conference	1. Presented a paper on “Coherent Nyquist M-Ary PSK and QAM signals with bit error rate”, in “NACSMAC-2016”.
		Journal	1. “Reduced latency majority logic decoding for error detection and correction”, IJSET, Volume 2 Issue 12, December 2015.
62.	P.GOWTHAPRIYA AP/ECE	Conference	-
63.		Journal	1. “Building monitoring system for low power wireless sensor network”, in International Research Journal in Advanced Engineering and Technology (IRJAET) volume 10, 2016.
64.	Dr.M.Muthuvinayagam Head/EIE	Conference	1. M. Anbarasan, M. Muthuvinayagam, ‘High-performance hybrid photovoltaic –battery system based on Quasi-Z-Source Inverter for Distributed Generation Applications’ International Conference on Engineering Technology and Science (ICETS’16) March 18th and 19th 2016.
			2. Chandrasekaran.T, Muthuvinayagam.M, ‘Performance Analysis of a New converter for Switched Reluctance motor drive with component sharing’, International Conference on Advancements in Electrical and Electronics Engineering held on 10 th and 11 th March-2014.
			3. Prabakaran.S, Muthuvinayagam.M, ‘Direct torque control of a Switched Reluctance motor drive with torque ripple minimization’, 6 th National Conference on Emerging Technologies and Applications in Electrical Sciences

			<p>held on 15th March 2014.</p> <p>4.Soundraraman, Jasper Roy, M.Muthuvinayagam “Simulation result of Single Controllable Switch based Reluctance motor drive”, National Conference on Advancement in Electrical power, Signal processing and Communication network systems,ESCON’13 held on 15&16th March 2013.</p> <p>5.Jibil Joseph, Muthuvinayagam.M, ‘A Novel Converter for SRM Drive with PI Controller’,Second National Conference on Innovation in Power Engineering and Soft Computing, IPESC2013-081,held on 22nd February 2013</p> <p>6.M.Muthuvinayagam, ‘Design of an Evolutionary Controller for DC motor using Fuzzy logic Technique’, National Conference on Intelligent Computing and Automation INSTRUVISION 2K8 held on 19th March 2008.</p> <p>7.S.Eraniyaraja, M.Muthuvinayagam, ‘Development of Enhanced DC-AC Converter using SPWM technique’, National Conference on Extreme Engineering and Technological Advancements XETA-2K7 held on 4th &5th April 2007.</p>
65.		Journal	<p>1.Muthuvinayagam M, Anbarasan M 2016 ‘Real-Time Implementation of Grid-Connected Photovoltaic/Fuel Cell/ Electrolyzer/Battery Hybrid Power System’ Asian Journal of Research in Social Sciences and Humanities, Vol. 6, No. 10, , pp. 289-297 ISSN 2249-7315</p> <p>2.M. Anbarasan, M. Muthuvinayagam 2016 ‘High-performance hybrid photovoltaic–battery system based on Quasi-Z-Source Inverter for Distributed Generation Applications’ Advances in Natural and Applied Sciences. 10(3)</p>

		<p>2016, Pages:185-189 ISSN: 1995-0772</p> <p>3.Anbarasan M, Muthuvinayagam M 2016 'Fuzzy linked Adaptive P&O Technique with stability analysis of photovoltaic system', International Journal of Innovative Research in Science, Engineering and Technology, Vol.5, issue 1 January 2016.</p> <p>4.Muthuvinayagam, M & Madheswaran, M 2015 'Proportional Integral Derivative-Reconciling Neuro Fuzzy Controller on Switched Reluctance Motor for Speed Control' Australian Journal of Basic and Applied Sciences, vol. 9, no. 2, pp. 9-17ISSN:1991-8178 (Annexure II). Impact Factor-0.425.</p> <p>5.Madheswaran, M & Muthuvinayagam, M 2015 'Performance evaluation of PI controlled Soft Switching Converter for Switched Reluctance Motor' International Journal of Applied Engineering Research, vol. 10, no. 15 (2015) pp. 35552-35558 ISSN: 0973-4562. (Annexure II).</p> <p>6.M. Ramya, M. Muthuvinayagam 2015 'A Dynamic And Ingenious Phonic Energy Metering System', International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 1 pp. 1871-1878.</p> <p>7.Dhanalakshmi.J, M.Muthuvinayagam, 2014 'Brushless DC motor with dynamic friction compensation for Reactionwheel', International Journal of Advanced Information Science and Technology (IJAIST) ISSN: 2319:2682 Vol.23, No23.</p> <p>8.Muthuvinayagam.M,Meganathan.S,J anakiraman.S,Dineshraj.S,2014 'Industrial Gas Monitoring with Safety Closure and Gas Level based Alert',</p>
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			International Journal of Engineering Research & Technology ISSN:2278-0181,Vol.3Issue 3..
66.	Mr. S.Kesavan AP/EIE	Conference	<p>1. S.Kesavan, National conference on “ INNOVATIONS IN ELECTRICAL AND ELECTRONICS ENGINEERING “ on 21st January 2012 in title of “A zero voltage switching DC-DC converter with DC load”.</p> <p>2. S.Kesavan , Inspecting STP, gas & pH of Smart Biogas Plant” in International Conference synergistic Evolution in Engineering held in Suriya Eneering College, Erode on 4th and 5th March 2015.</p>
67.	Mr.C.R.Tamizhanambi AP/EIE	Journal	<p>1. C.R.Tamizhanambi , Simulation Analysis of torsional vibration analysis and control in an engine using Labview” International Conference on 11th & 12 March 2015</p> <p>2. C.R.Tamizhanambi, “Performance Analysis of Multitask monitoring and Control system for Agriculture Management system using Labview” International Conference on 11th & 12 March 2015</p>
68.	Mr.C.Mathan AP/EIE	Conference	
		Journal	1.C. Mathan, (2015) ‘A Smart Way To Detect And Deterrence Water Theft Using Labview’ in ‘International Journal of Applied Engineering Research’, Volume 10, No.46 June ISSN 0973-4562 (IJAERV, Scopus Impact Factor:) Annexure NO: II (2015

			Version) 2..C.Mathan, (2015) 'Chemical Optimization Of Pulp Mixing In Paper Industries' in 'International Journal Of Advanced Research In Engineering Technology & Sciences', Volume 2, Issue 6, June ISSN: 2394-2819 (IJARETS, Scopus Impact Factor:) 3..C.Mathan, (2016) 'Emotional Controller based Torque Ripple Reduction of Switched Reluctance Motor (SRM)' in 'International Journal of South Asian Journal of Engineering and Technology', Volume 2, No.26 April 192–211, ISSN No: 2454-9614.(SAJET, Scopus Impact Factor:) Annexure NO: II (2016 Version)
69.	Mr.S.Aiswarya AP/EIE	Conference	1. S. Aiswarya (2015), Application of high speed LFSR in BCH encoder and RS encoder” in an international conference on 5th and 6th March. 2. S. Aiswarya ,(2015) High Throughput VLSI Architecture for Linear Feedback Shift Register” in a National conference on March 14
		Journal	1.. S. Aiswarya, (2015)“Application of high speed LFSR in BCH encoder and RS encoder” published in International Journal of Applied Engineering Research (IJAER), Print ISSN :1087—1090 indexed in Annexure-II (Serial No.8565). 2.. S. Aiswarya, (2016) “Enhancement of multilevel inverter using Genetic Algorithm” published in South Asian Journal of Engineering and Technology (SAJET), ISSN No: 2454-9614 indexed in Annexure-II Vol.2,

			No.16 (2016) 39–45
70.	Mr.M.Parthiban AP/EIE	Conference	
		Journal	1. M.Parthiban,(2016) “Ship border Security system using Zigbee” International Journal of Computer Science (IJCS),Ref-ID:IJCS-115,Page No:666-671,Volume 4, Issue 1, No 2,2016
71.	Prof.S.Raju HEAD/IT	Conference	1.Prof.S.Raju,Rajramchandran,Ashil Ali,Dr.Babak khazaei Presented a paper on “User acceptance of Tamil Technology Post colonial Tamilnadu”Page 65-73,ISSN-2313-4887.(March 2016). 2 Prof.S.Raju,Dr.C.Devarajan Gopal International conference on “computation Intelligence and Big data Analytics” 7 th March 2015.
72.		Journal	1. Asian Journal of Research in Social Sciences and Humanities, September 2016 (ISSN: 2249-7315), vol. 6, no.9, pp. 1256-1269.. 2. International Journal of Engineering Research and Technolgy,ICN 2015,March 2015.
73.	K.Santhi AP/IT	Conference	1. Mr.K.Santhi, Assistant Professor, Department of Information Technology, Mahendra Engineering College, published a paper on ‘A Fuzzy preference recommender system for B2B e-services’ in ‘International Conference on “Advance Research in Engineering and Applied Science (ICAREAS2016) organized by S.R.I. College of Engineering and Technology on 26 th March 2016.
74.	Dr.S.Prema	Conference	1. Presented a paper entitled “An ant based target tracking of moving group objects in wireless sensor

			<p>networks” organized by the Vivekananda institute of engineering and technology for women- Namakkal, 28thFebruary- 2013.</p> <ol style="list-style-type: none"> 2. Presented a paper entitled “An ant based routing protocol for tracking group of objects in wireless sensor networks” organized by the SNS College of engineering Coimbatore, 2nd March- 2013. 3. Presented a paper entitled “NPDR Detection from color fundus using contour and morphological techniques“organized by the KSR Rangasamy College of technology, Namakkal 4th March- 2013. (Won the Best paper award). 4. Presented a paper entitled “Extraction of non proliferative diabetic retinopathy features from color funds images using various image processing technologies organized by the Surya Engineering College, Coimbatore 9th March- 2013. 5. Presented a paper entitled “Identification sources of DDOS attack by using entropy variation” organized by the C.M.S college of Engineering, Namakkal 15th March- 2013. 6. Presented a paper entitled “Detection and prevention of identity based attacks in MANNET” organized by the A.S.L Pauls college of Engineering and technology, Coimbatore 28th Feburary-2015. 7. Presented a paper entitled “A survey on Sybil attack detection schemes under MANET” organized by the Surya Engineering College, Erode 4th March- 2015. 8. Presented a paper entitled “An
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			<p>effective approach in cluster documents for knowledge discovery in digital forensic Analysis” organized by the Vivekananda College of engineering and technology for women- Namakkal, 11th March-2015.</p> <p>9. Presented a paper entitled “Efficient transitive region approach for shortest path discovery in RDBMS using minimum spanning tree” organized by the JKKN Nattraja College of Engineering, Namakkal 20th March-2015.</p> <p>10. Presented a paper entitled “Enhancing information retrieval for exploration forensic data by clustering” organized by the Jayalakshmi Institute of technology, Dharmapuri 11th April-2015.</p> <p>11. Presented a paper entitled “Comparative study of range collective queries in big data environment” organized by the The kavery Engineering College,Salem 30th September-2016.</p>
75.		Journal	<p>1. International Journal of Engineering Science and Innovative Technology (IJESIT), March 2014, ISSN: 2319-5967.</p> <p>2. International journal of modern trends in Engineering and research (IJMTER), May 2015, ISSN: 2349-9745.</p> <p>3. Circuits and Systems, May 2016 (ISSN Print: 2153-1285, ISSN Online: 2153-1293), vol.7, pp.701-</p>

			<p>708.</p> <p>4. Asian Journal of Research in Social Sciences and Humanities, June 2016 (ISSN: 2249-7315), vol. 6, no. 6, pp. 1062-1073. Journal.</p>
76.	K.Radha	Conference	<p>1.K.RADHA, Assistant Professor, Department of CSE published a paper on “Interactive Foreground and Background Segmentation using Active Contours” International Journal of Advanced and Innovative Research(IJAIR) ,volume2, issue 12, ISSN: 2278-7844, December2013.</p> <p>2.K.RADHA, Assistant Professor, Department of CSE published a paper on “Liver disease detection using CT images” International journal of engineering science & research technology (IJESRT), ISSN: 2277-9655, 30-04-2014.</p> <p>3.K.RADHA, Assistant Professor, Department of CSE published a paper on “Text Extraction from natural scene images and Conversion to Audio in smart phone application”International journal of Innovative Research in Computer and Communication Engineering (IJRCCE), ISSN: 2320-9798, Jan’15.</p> <p>4.K.RADHA, Assistant Professor, Department of CSE published a paper on “Extraction of Text from natural scene images and Conversion to Audio in Mobile applications by Adjacent Text Character Grouping”International journal of Innovative Research in Science, Engineering and Technology (IJRSET), ISSN: 2319-8753, May’15.</p> <p>5.K.RADHA, Assistant Professor, Department of CSE published a paper on “Efficient Authentication and Congestion Control for Vehicular Ad Hoc Network” International journal of</p>

		<p>Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319-8753, May'15.</p> <p>6.K.RADHA, Assistant Professor, Department of CSE published a paper on "Sensor network in for intelligent building monitoring and management system "Seventh Sense Research Group, ISSN: 2348-8387, 2015.</p> <p>7.K.RADHA, Assistant Professor, Department of CSE published a paper on "Secure and Privacy Preserving Protocol for Vehicular Ad Hoc Network" Seventh Sense Research Group, ISSN: 2348-8387, 2015.</p> <p>8.K.RADHA, Assistant Professor, Department of CSE published a paper on "Advanced multi Material Decomposition of Dual Energy in Computed Tomography Image" International journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319-8753, May'15.</p> <p>9.K.RADHA, "Early Detection of Suspicious Region Liver Diseases with CT image Segmentation using Clustering Algorithm", International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 9, IJAER, 5/15/2015.</p>
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b) RESEARCH FACILITIES in the department (Major equipment/hardware/Software available)

S.No.	Major Equipment / hardware / software	Department	Manufacturer	Year of Purchase
1.	Subsonic wind tunnel	AERO	Aeolus aero Technologies	2012
2.	CATIA V6 & Delmia	AERO	Dassault System	2012
3.	Theodolite	CIVIL	Lawrence Mayo	2012
4.	Total Station	CIVIL	Pentax	2012
5.	CTM-2000Kn Capacity	CIVIL	Aimil	2012
6.	Ductility Test	CIVIL	Aimil	2010
7.	Concrete Permeability	CIVIL	Guru India	2017
8.	Cover Meter	CIVIL	Proceq	2017
9.	Rebound Hammer	CIVIL	Proceq	2017
10.	Ultra Sonic Pulse Velocity	CIVIL	Proceq	2016
11.	Hydraulic Jack 50 Tonnes Heavy Duty	CIVIL	All India Tech	2015
12.	Hydraulic Power pack to suit 25T, 50T , 100T Jacks	CIVIL	All India Tech	2015
13.	50 Tonne Loading Frame (Self Straining)	CIVIL	All India Tech	2015
14.	Hydraulic Trainer Kit	MECH	Quasar Mechatronics	2014
15.	Profile Projector	MECH	Supreme Scientifics	2012
16.	CNC Turning Machie	MECH	GEDEE Weiler	2012
17.	Multi cylinder Petrol engine	MECH	Almech	2010
18.	Velocity Serious (Solid Edge,NX CAM, FEMAP)	MECH	Empower	2009
19.	Basic Pneumatic trainer kit	MECH	Vi Micro System	2007
20.	Electro Pneumatic Trainer kit	MECH	Vi Micro System	2007
21.	Electro Pneumatic kit with PLC Controller	MECH	Vi Micro System	2007
22.	Servo Motor Controller Open/Closed LOOP	MECH	Vi Micro System	2007
23.	Fluid Sim (Hydraulic and Pneumatic)	MECH	Vi Micro System	2007
24.	Capstan Lathe	MECH	Master	2006
25.	Turret Lathe	MECH	Master	2006
26.	Gear Hobbing Machine	MECH	Master	2006
27.	CNC XL Mill	MECH	MTAB	2004
28.	Steam turbine	MECH	Almech	2003
29.	Process Station	EEE	Yokovawa	2014

30.	Speed control of DC motor using 3 phase Rectifier.	EEE	Vikasha Electronics, Coimbatore	2010
31.	Speed control of 3 phase induction motor using PWM inverter.	EEE	Vikasha Electronics, Coimbatore	2010
32.	DSP based closed loop drive for induction motor.	EEE	Vikasha Electronics, Coimbatore	2010
33.	Induction motor speed control using FPGA.	EEE	Vikasha Electronics, Coimbatore	2010
34.	Speed control of Brush Less DC motor.	EEE	Vikasha Electronics, Coimbatore	2010
35.	DSP based chopper fed DC motor drive.	EEE	Vikasha Electronics, Coimbatore	2010
36.	Switched Reluctance Motor Drive using DSP.	EEE	Vikasha Electronics, Coimbatore	2010
37.	PLC based drives.	EEE	Vikasha Electronics, Coimbatore	2010
38.	System with MATLAB / MATHCAD (or) equivalent software	EEE	Vikasha Electronics, Coimbatore	2010
39.	CISCO Router	CSE	CISCO	2008
40.	Core Switch Hp Procurve 5416zl	CSE	HP Procurve	2008
41.	Intelligent Edge Switch Hp Procurve 3500yl	CSE	HP Procurve	2008
42.	Edge Switch Hp Procurve 2610 /POE	CSE	HP Procurve	2008
43.	Switch Hp Procurve 1800	CSE	HP Procurve	2008
44.	Access Points 10 AG	CSE	HP Procurve	2008
45.	Radio Ports	CSE	HP Procurve	2008
46.	Radmax Access Points	CSE	HP Procurve	2009
47.	Blade Servers	CSE	HP	2009
48.	Storage server 6TB	CSE	HP	2009
49.	Storage server 12TB	CSE	HP	2009
50.	Hp Proliant ML 350	CSE	HP	2009
51.	Hp Proliant ML 150	CSE	HP	2009
52.	Canon 8500 Network Printer	CSE	Canon	2012
53.	Canon 6000 Network Printer	CSE	Canon	2015

54.	Fortigate Firewall	CSE	Fortinet	2008
55.	Hp Procurve Academy Kit	CSE	HP Procurve	2008
56.	SciLab 5.1.1 version	CSE	GNU GPL	2016
57.	ns-2	CSE	GNU GPLv2	2016
58.	gridsim 3 version	CSE	GPL license	2017
59.	MikTex 2.9 version	CSE	FOSS	2017
60.	Osirix	CSE	GNU LGPL	2015
61.	Fiji	CSE	GPLV2	2013
62.	LabVIEW	EIE	NI Instruments	2012
63.	CRO – 20 MHz	ECE	Sintec	1997
64.	AM Transceiver Kit	ECE	Falcon	2008
65.	FM Transceiver Kit	ECE	Falcon	2008
66.	PAM,PPM,PWM Trainer Kits	ECE	Falcon	2005
67.	PCM /DM/ ADM Trainer Kit	ECE	Falcon	2009
68.	Line Coding & Decoding Kit	ECE	Falcon	2002&2009
69.	ASK,PSK,FSK,QPSK Trainer Kits	ECE	Falcon	2002&2009
70.	Ethernet LAN trainer	ECE	Falcon	2002&2009
71.	Wireless LAN trainer	ECE	Falcon	2009
72.	Klystron power supply& Klystron tube	ECE	SICO, Ghaziabad	2009
73.	Gunn power supply	ECE	SICO	1998
74.	Gunn oscillator	ECE	SICO	1998
75.	PIN modulator	ECE	SICO	1998
76.	Isolator	ECE	SICO	1998
77.	Attenuator	ECE	SICO	1998
78.	Frequency meter	ECE	SICO	1998
79.	Slotted section	ECE	SICO	1998
80.	Detector mount	ECE	SICO	1998
81.	Termination	ECE	SICO	1998
82.	Movable short	ECE	SICO	1998
83.	Slide screw tuner	ECE	SICO	1998
84.	Horn antenna	ECE	SICO	1998
85.	Fixed attenuator	ECE	SICO	1998
86.	Magic TEE	ECE	SICO	1998
87.	E-Plane TEE	ECE	SICO	1998
88.	H-Plane TEE	ECE	SICO	1998
89.	Directional coupler	ECE	SICO	1998
90.	VSWR meter	ECE	SICO	1998
91.	Floating point DSP Processors (Kit / Add-on Cards)	ECE	SICO	2002
92.	Radiation table	ECE	SICO	2007
93.	Universal Waveguide stand	ECE	SICO	2007
94.	Optical power source	ECE	Bench mark	2007
95.	Fiber Optic Power meter	ECE	Bench mark	2009

96.	fiber optic trainer Kit	ECE	Bench mark	2008
97.	Multiplexer / Demultiplexer Kit	ECE	Bench mark	2008
98.	Laser Trainer Kit	ECE	Bench mark	2009
99.	PIN Diode	ECE	Bench mark	2007
100	LED mounted source at wavelength 870nm	ECE	Bench mark	2008
101	DSO	ECE	KEYSIGHT	2014

Details of FUNDS OBTAINED FOR RESEARCH PROJECTS

S.No.	Funding Agency	Title of Research Project	Department	Amount Granted	Approval File No.
1.	TNSCST	Transmission of Electrical Power Using Graphene Cable to reduce transmission power loss	AERO	10,000	TNSCST/STU PROJ/AR/2012-13
2.	IEI	Production of Biogas From Agro Industrial Waste	AERO	15,000	IRDUG2015140
3.	DRDO New Delhi	Multifunctional characterization of Engineering Materials and its application	CIVIL	0.4 lakhs	No ERIP/ER/15-16/C/62
4.	UGC New Delhi	Quantum Leap in Low Cost Construction Techniques with Usage of Compash Brick Masonry for Rural Housing	CIVIL	2.88 lakhs	F.No 4-4/2015-16(MRP/UGC-SERO) Proposal No:3320
5.	Department of Science and Technology	National Conference on "Future Research Directions to Mitigate the Climate Change and its Effects Related to Energy Sector	EEE	Rs.70,000	SB/SS/1539/16-17
6.	CSIR	National Seminar on Smart Sensors for Sustainable Smart Healthcare	EEE	Rs.30,000	SYM/9029/16-HRD
7.	TNSCST	Solar wheel chair with voice controller	CSE	Rs.10,000	TNSCST/STU PROJ/CSE-57/2016-17
8.	TNSCST	Railway track pedestrian crossing without using staircase	ECE	Rs.10,000	TNSCST/STU PROJ/ECE-65/2016-17

Details of **PHDS GRADUATED** from the College

S.No.	Year of PhD Graduation	Research Scholar Name	Dept	Title of Research	Supervisor
1.	2015	C.Dhavamani	Aero	Optimization of machining condition on composite material using classical optimization Techniques	Dr.T.Alwarsamy
2.	2014	K.Vidhya	Civil	Experimental investigation of properties of coal ash bricks and Masonry	Dr. S. Kandasamy
3.	2016	C. T. Siva Kumar	Civil	Village level information of the status and management of Water Resources in Panamaruthupatti block, Salem district, Tamilnadu, India- A Geomatic approach.	Dr.R.Neelakandan
4.	2012	T. Jesudas	Mech	Development and performance optimization of micro electric discharge machine	Dr.S.Ramesh
5	2016	P. SARANYA	Agri	Evaluation of Adoption Factor and operational performance of drip irrigation for upscaling using aquacrop model and GIS	Dr. M. Krishnaveni
6	2015	K.Mekala	EEE	Investigations of Accelerated Aged Polymeric Insulators Using Partial Discharge Signal Measurement and Analysis	Dr.Samson Ravindran
7	2015	M.Muthuvinayagam	EEE	Enhanced Speed Control of Switched Reluctance Motor Drive Using Soft Computing Techniques	Dr.M.Madheswaran
8	2017	V.Agalya	EEE	Optimization of PID Controller for dc – dc converter using artificial intelligence Techniques	Dr.Samson Ravindran
9	2016	S.Suresh Kumar	CSE	Optimization of energy consumption in WSN	Dr.Samson Ravindran

10	2016	N.VISWANATHAN	ECE	Certain investigations on vertically Partially connected 3D network-on-chip topology and arbiter design with optimized parameters	Dr.B.Paramasivan
11	2016	N.SHANMUGA SUNDARAM	ECE	Investigations on Energy Efficient Algorithms of Wireless Sensor Networks Using Dynamic Cluster Head Selection	Dr.M.Madheeswaran
12	2016	V.ELLAPPAN	ECE	Development of Efficient Approaches For Medical Image Compression on Mri Images	Dr.Samson Ravindran
13	2016	R.VIJAYKUMAR	ECE	Investigations on Femur Bone using finite Element analysis for health care	Dr.M.Madheeswaran
14	2017	K.MANIVEL	ECE	Efficient Impulsive Noise Detection Schemes for Filtering using Artificial Intelligent Technigues	Dr.Samson Ravindran

SPECIAL ACHIEVEMENTS by students and faculty members (in last 5 years)

- **Mahendra Students at Startup MIT GSW 2016 - Hyderabad**
 - The students **Prapin Payyapilly, Prince Kumar and Akshya Singh** from Aeronautical and CSE, attended **3 days MIT Global Startup Workshop 2016** Hyderabad, India-March 21-23, 2016 organized by **MIT GSW, Cambridge, Massachusetts** in **Hyderabad International Convention Center**. **Kalraj Mishra, MSME Minister, India** acted as the host of the show. Sessions headed by various CEOs, Founders, Venture Capitalist of various reputed firms. Our students have also presented innovative start up idea in the title **“KHABAI Technology”** in the concept of exploring the basic science.
- **Prapin.P.P.** (2013-2017) Aeronautical, has attended the 2014 World Engineering Education Forum from 3-6 December 2014, Dubai, United Arab Emirates.
- **Mrs.C.Dhavamani, HoD-Aeronautical**, Received **“ IE(I) Appreciation Award”** for successfully organizing the 5th IE(I) Salem Local Centre students and Technicians conventions and All India Seminar on “Innovation, Technology and Knowledge Economy” at Mahendra Engineering College on 27th and 28th February, 2014.
- **Prince Kumar**, (2013-2017) Aeronautical, submitted proposal entitled Atmarakshak (Robotic Gloves for Self security) to Texas Instrument Innovation Challenge India design contest 2015 on 28.11.2014, Also won the certificate for Knowledge quizzes in challenge yourself India 2015 and on demonstrating skills and knowledge in Logical and Numerical reasoning, Innovation and sustainability, Swedish higher Education.
- **C.Dhavamani, HoD/Aero**, received Best Faculty Advisor award by The Institution of Engineers (India) - Tamilnadu State Centre is organizing the 1st IE(I) Tamilnadu State Centre Students and Technicians Convention and All India Seminar on "Innovation, Technology and Knowledge Economy" on March 6 & 7, 2015 at Adhiyamaan College of Engineering, Hosur.
- **C.Dhavamani, HoD/Aero** Received **“Best Young Engineer Award”** for the year 2012 at 45th Engineers Day Celebration and Award Function organized by IEI Salem Local Centre, Salem on 15.09.2012 at Hotel Salem Castle.
- The following students got project from IE(I)- PROJECT ID - RDUG2015140-Production of Biogas from Agro Industrial Wastes – Sponsored amount Rs.15,000/- from IE(I).
 - 1.Prapin
 - 2.Prince kumar
 - 3.Anjane Chandra Prakash
- A Fifteen day's Certified Workshop on “KONARK Training Programme, Powered by Mangla Smart Energy Solutions Pvt., Ltd., In association with National Institute of Solar Energy (NISE), Gurgaon, (Ministry of New and Renewable Energy Sources (MNRE))” was organized by the Department of Electrical and Electronics Engineering on 09-23 of December 2015.

- A National workshop on “Energy Auditing & Energy management” was organized by the Department of Electrical and Electronics Engineering on 24 & 25 of February 2016. The special lecture was delivered by
 - Mr. Mahadevan, President of Tamil Nadu Chapter, Society of Energy Engineers and Managers, Chennai.
 - Mr. Azhagiya Manavalan, Director, VRNL, Tirupur.
 - Mr. Kathiresan, Consultant, Mangla Smart Energy Solutions Pvt Ltd, Tirupur.
- Mr. Dhamodharan, Research Scholar, National Institute of Technology, Tiruchirapalli.
- A National seminar on “Energize Bode and Mind” was organized by the Department of Electrical and Electronics Engineering on 27.12.2016 & 28.12.2016.
- A Seminar on “Health Issues” was organized by the Department of Electrical and Electronics Engineering on 11th July 2015. The special lecture was delivered by Dr.Dhava Sree, Physician Cum Gynecologist, SKS Hospital, and Salem.
- The seminar on “Basic Law Awareness” was organized by the Department of Electrical and Electronics Engineering on 22.03.2016. The special lecture was delivered by Thiru.K.H.Elavalagan, Magistrate, Thiruchengodu.
- S.Prema and P.Umamaheshwari presented a paper entitled “NPDR Detection from color fundus using contour and morphological techniques” organized by the KSR Rangasamy College of technology, Namakkal 4th March- 2013. **(Won the Best paper award).**
- Awarded cash prize for students participation in other colleges have won First and Second Prizes.
- Awarded cash prize for staff those who are producing the 100% result in end semester.

Patent details

1. Application for new technology for '**Hybrid Ash Bricks**', Application number: 5075 / CHE / 2014.
2. Application for new technology for '**Hybrid Ash Aggregate Concrete** ', Application number: 5727 / CHE / 2014.
3. Application for new technology for '**Building Health Monitoring Device** ', Application number: 5728 / CHE / 2014.
4. Application for new technology for "**Fabrication and Testing methods of strain measuring Instruments for brick masonry SMIBM**: Application number: **6113/CHE/2015**."
5. Application for new technology for '**Incinerator Ash paving Blocks**', Application number: E2 / 3370 / 2016 / CHE.

Awards

1. **Dr.A.P.J.Abdul Kalam Gold medal Award** for "For Excellence in chosen field of activity" on the occasion of 12th National Seminar "National Integrity & Development' on 15th October 2015, Bangalore by Universal Achievers Foundation, New Delhi.
2. **Dr.K.Vidhya, Professor/Civil Engineering** has Received **Young Women Scientist Award** by Dr. Kalam Education Trust, Chennai on 10.04.2017 From DRDO Scientist Dr.S.Krishnakumar.
3. **Received ICI Best Students Chapter Appreciation award on 14.12.2016.**

Funding

1. Rs. 40,000 amount seminar grant received from DRDO (2015-2016), New Delhi for conducting one day national seminar on Multifunctional characterization of Engineering Materials and its application conducted on Department of Civil Engineering, Mahendra Engineering College, Mahendrapuri, and Namakkal.
2. Applied and received the recommendation on the Proposal Grant on the title of "Seismic Performance and Evaluation of "I" - Ash Brick Masonry Constructed with Basalt Fiber Enriched Cement Mortar" (2016-2017).

Students' Achievements (in last 3 years)

1. Around 920 students are placed in various companies in last 3 years
2. Mechanical Students Won first prize for the paper presentation in the academic year of 2015-2016 in Government College of Engineering, Salem
3. Students Won Second prize for the Project Modeling in the academic year of 2015-2016 in Sri Ramakrishna Engineering College, Coimbatore.
4. Second Year Mech Engg students Satya Prakash participated in smart India hackathon competition in the academic year of 2016-2017.
5. Around 152 students are placed in various companies in last 5 years.
6. Student Won a cash prize of 10,000rs in CAD contest in the academic year of 2016-2017 in Kumaraguru College of technology.
7. Students Won first prize for short film in the academic year of 2013-2014 in Podhigai College of engineering.
8. Students Won first prize for the paper presentation in the academic year of 2012-2013 in Vel Tech technical university Vellore.
9. Students Won a second prize for the paper presentation in the academic year of 2012-2013 in SSM College of engineering.
10. **E.Utharakumar**, Final year, Aeronautical received **ISTE chapter –Best Student Award** for the year 2015 for his overall performance in the academic, extracurricular activities at 15th ISTE TN&P section Annual Engineering convention on 13th Feb.2016 at Anand Institute of Higher Technology, Kazhipattur.
11. The following Aeronautical students were participated in IIT-Kanpur Workshop from January 6th – 9th January 2016.
 - ABID RASHID – I year Aero
 - Christin -II year Aero
 - Basit Rehmanbhat – II year Aero
 - Praneesh – III year Aero

12. The following third Aeronautical students were conducted the event “Science explore” to school students at Mahendra International School, Kalpatti on 11.01.2016. The following the events conducted on 11th Jan 2016 @Multi purpose hall (Mahendra International School) :
- **Solar System Word Search(puzzle)**
 - **Balloon Rocketry**
 - **Science Quiz**
 - **Parachute Making**
 - **Floating Eggs**
 - **Putting a raw egg into a bottle(without breaking it)**
 - **Prize felicitation**
12. Award winner of “Dr. **KALAM YOUNG ACHIEVER AWARD 2016**”- , S.JAIGANESH & GUNASEELAN organized by World **Youth Federation** on October 15, 2016.
13. “Outstanding Women in Engineering” award conferred on 4th March 2017 by Centre for Women Empowerment of Venus International Foundation.
14. Bagged second time “ISTE Best Secretary Award’16”for the year 2016 by ISTE – TN&P Section on 2nd December 2016.
15. Best chapter award for IEEE PSES (Madras Chapter), India in the year 2016.
16. Gaurav Kumar, Final Year student awarded with ISTE Chapter best student award for the Year 2016.
17. Third year students won prize workshop on PLC & SCADA at IIT Varanasi.
18. Gaurav Kumar got granted as certified developer in LABVIEW.
19. EEE Department Organized DST & CSIR Sponsored National Conference and Seminar.
20. IEEE Sponsored National level Project Expo (C2DC) was conducted on 26-2-2017 and several final years had exhibited their innovative projects
21. II ECE Students have won THIRD prize in Project Expo conducted by Anna University at Government College of Engineering, Trichy on 28-3-2017

*Special **SOCIAL INCLUSIVE PROGRAMMES** organized by the department (in last 5 years)*

- i. Women Empowerment program organized in every year
- ii. NSS Special camp
- iii. Blood donation camp
- iv. Cyclone Rescue Team formed and helped the affected peoples
- v. Tree Plantation
- vi. Promoting Education awareness for School students in rural areas
- vii. Village adoption activities
- viii. Various Social Club Activities
- ix. Entrepreneurship development activities through technology Business Incubator supported by MSME, Government of India.
- x. Skill development programmes to school drop-out students for eradication of unemployment in rural areas

ACADEMIC ALLIANCES

The Mahendra Engineering College is actively engaged in establishing collaborative programmes that are nationally and internationally corporate recognized in order to remain at the forefront on the scientific and technological advancement.

The Trust has signed notable Memorandum of Understanding (MoU) with Universities, Research Institutes and Industries across the Globe. This MoUs include student faculty exchange, Joint research and fellowships for training at the doctoral and post doctoral level. The MoUs would help the students to exchange of resource and knowledge, Training & Placement, undergone projects, developing entrepreneurial competencies, Research & Development and sharing the facilities.

MEMORANDUM OF UNDERSTANDING

1. Western Connecticut State University, USA
2. University of Rwanda, Rwanda
3. University of Cambridge, UK
4. Larsen& Toubro (L&T) Construction Limited
5. Hewlett-Packard Pro Curve University Initiative
6. Advanced Research Centre for Health, Environment and Space (ARCHES), Italy
7. Eastern Institute for Integrated Learning in Management (EILM), Kolkata
8. National Institute of Technology (NIT), Hamirpur, Himachal Pradesh
9. Indira Gandhi National Open University (IGNOU), Govt of India
10. Indian Society for Technical Education (ISTE), New Delhi
11. Institution of Engineers(India)
12. Wipro Technologies Limited
13. Oracle Education Partner Network
14. Infosys Technologies Limited
15. Harita Techserv Limited
16. SMAC-TCS, Chennai
17. YBG Kubota Limited

18. Yokogawa India Limited, Bangalore
19. GA Software Technologies Limited, Bangalore
20. Research & Industry Incubation Centre, Dayananda Sagar Institutions, Bangalore
21. National Instruments India Private Limited, Bangalore
22. CADD Centre-United Info Solutions
23. JK Aviation Private Limited
24. VI Micro Systems
25. Graciya Automotives Limited
26. Institute for Language & Skills (ILS), Chennai
27. SRM University as Academic Partner to implement IT related Empowerment for rural school children
28. Coimbatore District Small Industries Association (CODISSIA) and
29. Danfoss, Chennai

AWARDS AND MERITS:

The Mahendra Educational Institutions have received numerous honors and accolades as

1. **ISTE Best chapter award** was presented to this College on 16th Dec '2011 by the ISTE , New Delhi in a function held at Baba Banda Singh Bahadur Engineering College, FatigharSahib, Punjab considering its overall leadership and quantum of activities from among the Colleges in the States of Tamil Nadu and Pondicherry.
2. **"Quality Award"** for maintaining the quality in terms of its overall education was bestowed to this college by The Institution of Engineers (India) Tamil Nadu State Centre.
3. **Best Engineering College Award** of this region was given to this college by The Common Wealth Science and Technology Academy of Research.
4. The Competition Success Review-2014 has ranked this college as **10th among all Engineering Colleges in Tamilnadu** and also ranked as the **12th among the promising Engineering Colleges of Excellence**.
5. **Silicon India a business Technology Magazine-2014** published and announced the Top 100 Engineering Colleges Survey Results in June. 2014. **9th** In TOP 12 South Indian Engineering Colleges, **33rd** in Top Engineering Colleges for Mechanical Engineering in India, **33rd** in Top Engineering Colleges for Computer Science Engineering India and **35th** in Top Engineering Colleges for Electronics &Communication Engineering India.
6. **Best NCC Technical Wing** in the year 2013.
7. An **"Innovative Campus Award"** for encouraging students to submit more number of project submissions highlighting the importance of research and innovation by International Society for Scientific Research & Development, Bangalore (ISSRD).
8. **Best Engineering Institution Award – Campus 2 Corporate-2013** in Namakkal from HR Club, Mumbai for the centre of excellence on Corporate Employability and Infrastructure.
9. **State Level Award** for project in Electrical and Electronics Engineering stream by International Society for Scientific Research & Development, Bangalore (ISSRD).
10. **10th Rank among all Engg. Colleges in Tamilnadu 360***

ACHIEVMENTS

1. The world's biggest drawing made out of grains and seeds to emphasize the theme of **"Give Blood Hence Save Life"** The name of the Institutions an illustration of a human is drawn as such he comes out of the blood drop. 525 girls have done this to a size of 40x40 feet.
2. On the day two, 2,525 students and staff of our Institutions have drawn the World's largest painting by means of their foot prints using 900 liters emulsion paints to a size of 145x90 feet. By this we were expressing a message to the students, general public and community about the importance off voting as our Democratic Rights with a theme as **"Your Vote, Your Voice and it's Your Future"**
3. To protect the eco system in a balanced state and to avoid the global warming by reducing the CO₂ emissions, we are making many attempts; one such is to reduce the emission from the Industry and vehicle on the other one is to observe the CO₂ and to purify the air by following the Natural way of growing trees. Mahendra Engineering College, as a part of Mahendra Educational Institutions involving itself in the implementation of the **"Green Kalam Project"**. (A visionary thought of our former president Dr. A. P. J. Abdul Kalam to plant one lakh saplings in the state of Tamilnadu). This project was inaugurated by Padma Shree Mr. Vivek (Tamil Cine Actor), in our college campus on 25-07-2011. Until now around one lakh saplings were planted all over Tamilnadu
4. Constituted **"Youth Scientist Forum"** by Chairman of Mahendra Educational Institutions in our campus to initiate the student's creativity and innovation.

Mahendra- a Step ahead:

Relishing potential through **constructive education** is the another feather on the cap of Mahendra Educational Institutions and the appended activities has been take off for the knowledge temperament of the faculty members and the Students. The campus is different and also to feel the difference in academia.

- Mahendra International Lecture Series (MILeS)
- Mahendra Alumni Lecture Series (MAILS)
- Teachers Acclaimed Seminar for Knowledge Sharing (TASKS)
- Faculty Academic Contribution towards Excellence (FACE)
- Mahendra Undergraduate Innovation Contest (MAGIC)