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## ANNUAL REPORT OF THE INSTITUTION

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## Annual Report 2020-2021

### DEPARTMENTS:

Our college has 6 Departments in UG (AERO,CSE,ECE,EEE,MECH,MECHT and 1 PG programme(PED)with the students'strength: 718

### 1. BASIC INFRASTRUCTURE FACILITY


The sprawling College Campus is spread over 11.47 acres of Greenery with a built up area of more than 1 Lakh Sq.ft. The Class room and Seminar hall area is 27,091 sq.ft.,laboratory area is 47,275 sq.ft.And other amenities are 26,279 sq.ft. The investment made so far in building alone is 20 crores.We got an extraordinary Campus with green, eco-friendly and well ventilated classrooms,expansive corridors, a central library, modernized computer lab with LAN Network and Wi - Fi facilities. Extended labs installed with modernized equipment, Machineries, safety measures and latest gadgets in all departments, besides separate well maintained laboratories by the Department of Science & Humanities.

We have a seminar hall and a smart classroom for learning and training with a capacity to accommodate nearly 450 students. We have separate hostel facilities for Boys and Girls with purified RO drinking water, ventilated and spacious rooms.We are providing highly hygienic and nutritious food to make the students feel homely. We have a well-managed dispensary in case of any emergency

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needs of the students.


## 2.1. TRANSPORT FACILITIES

Ample number of college buses are operated for the students to arrive at the college on time. College buses are operated in all the directions covering 60km radius to increase the comfort level of students during the peak hours.

## 2.2. LIBRARY

The college has an excellent Central Library, located in a spacious building of 534 sq.m. area with a peaceful reading hall for the benefit of students, faculty and research community. The library has a rich collection of books covering various branches of Engineering, Science, Humanities and related fields. The library has more than 18,750 volumes of books consisting of 4088 titles. The library subscribes to 52 National and 46 International journals and there are about 369 back volumes. The Reference section of the Library has a large collection of International editions of Reference books, Handbooks, Conference proceedings, Encyclopedias and various reference documents. Well stocked and updated library includes books for various Competitive examinations like GATE, TOEFL, AMCAT and other Government examinations. Our Library also has subscribed to e-journals



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of DELNET. The library is kept open from 9.00 am to 9.00 pm including holidays for the benefit of the students. 5165 Book Bank facilities are also available in library for SC/ST Students.

### 2.3. FACULTY MEMBERS

We have got fully dedicated teams of highly qualified, proficient teachers with a total count of 108, as per AICTE Norms. They adapt innovative teaching practices to make learning more interesting in virtual mode during this pandemic period. They extend supplementary coaching to late bloomers.


### 2. ACADEMIC PERFORMANCE

We are proud to keep our Institution well ahead of others through conducting Continuous Internal Assessment Tests and Model exams prior to facing University examinations and thereby marching towards the best results in the University examinations.

#### 3.1 UNIVERSITY EXAM RESULTS BY FACULTY:

During April/May 2020 and November/December 2020, our faculty members produced 100% result in 30 subjects and above 85% in more than 11 subjects. On this gracious occasion, I take esteemed pleasure in congratulating all the faculty members who have been consistently doing it.

#### 3.2. UNIVERSITY EXAM TOPPERS BY STUDENTS:

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#### UNIVERSITY EXAM TOPPERS BY STUDENTS:

We are very happy and highly proud to announce the names of the achievers in university examinations.

#### DEPT: AERO

YEAR	RANK	APR/ MAY 2021	CGPA	NOV/DEC 2020	CGPA
IV YEAR	1	T.Indira	8.4	-	-
	2	V. Pooja	83	-	-
III YEAR	1	P. Palanisamy	7.6	-	-
	2	R.Yuvashri	7.2	-	-
II YEAR	1	Nandhakumar R	7.5	-	-
	2	Dinesh Kumar A	7.2	-	-

#### DEPT : CSE

YEAR	RANK	APR/MAY 2020	CGPA	NOV/DEC 2020	CGPA
IV YEAR	1			Nil	Nil

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	2			Nil	Nil
III YEAR	1			Preethika S	8.5
	2			Pavithra A	8.0
II YEAR	1			Kavimani R	7.9
	2			Santhosh Kumar	7.5

DEPT : ECE

YEAR	RANK	APR/MAY 2021	CGPA	NOV/DEC 2020	CGPA
IV YEAR	1	Madhumitha.K	8.84		
	2	Gayathri N	8.34		
III YEAR	1	-			
	2	-			
II YEAR	1	P.Kaviya	7.16	Muhsina Barveen	7.08

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	2			Fazila Fathima	6.8
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**DEPT : EEE**

YEAR	RANK	APR/MAY 2021	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	Santhiya S	8.5	Dhivya S	8.5
	2	Dhivya S	7.9	Santhiya S	7.9
III YEAR	1	-		Ashif Mohammad	6.5
	2	-		-	
II YEAR	1	Santhiya.S	7	-	
	2	Abdul Rahman .M	6.8	-	

**DEPT : MECH**

YEAR	RANK	APR/ MAY 2021	CGPA	NOV/DEC 2020	CGPA
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IV YEAR	1	MOHAMED ARAFATH K	8.4	-	-
	2	KARTHIKEYAN . R	83	-	-
III YEAR	1	BHARATHIRAJA.B	7.6	-	-
	2	VIGNESHWARAN.S	7.2	-	-
II YEAR	1	RANJITH G	7.5	-	-
	2	KARTHIKA. K	7.2	-	-

#### DEPT: MECHATRONICS ENGINEERING

YEAR	RANK	APR/MAY 2021	CGPA	NOV/DEC2020	CGPA
IV YEAR	1	Abinas Kumar.A	8.8		
	2	Balamurugan.G	8.6		
III	1	Mohammed Hussain M R	9.38		




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YEAR	2	Mageshwaran N Sowndarya L Varshini T	9.25		
II YEAR	1	Jenith Kumar B	9.17		
	2	Sakthivel C	9		

### 3.3. STUDENTS WHO HAVE GOT 100% ATTENDANCE

We are very happy to announce that the following students have attended all the classes and maintain 100% attendance for this academic year.

1. Karthika. K – II MECH
2. Rahamathullah.B – II MECH
3. Ranjith G – II MECH
4. Bharathiraja.B – III MECH
5. Vigneshwaran.S – III MECH
6. Mohamed Arafth.K – IV MECH
7. Shalini Priya.S – IV MECH

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### 3.4. STUDENTS FUNDED PROJECTS AWARDED FOR 2020-2021

Ø Visvakarma 2020 – 1 Applied (Selected for National Convention)

### 3.5. STUDENTS ACHIEVEMENTS

#### 3.5.1. AWARDS & CERTIFICATION IN SYMPOSIUM/ CONFERENCE/ WORKSHOP

1. K.Abdul Rahuman, M. Abirami, V. Ajith kumar of final year had presented a paper entitled "Jet noise suppression of Aircraft exhaust using ejector" in the Conference organized by SRM TRP Engineering College, Trichy.
2. M. Arun kumar, R. Balamurugan, R. Charulatha of final year had presented a paper entitled "Computational investigation of DRAG and lift forces acting on Aircraft vehicles" in the Conference organized by SRM TRP Engineering College, Trichy.
3. P. Divya, M. Gokulnath, K. Gokulraj of final year had presented a paper entitled "vibration and flutter characteristics of cnt reinforced composite closed circular cylindrical shells" in the Conference organized by SRM TRP Engineering College, Trichy.
4. R. Jayaprakash, C. Kathiravan, S. Kaviya of final year had presented a paper entitled as "Flutter Prediction based on fluid structural interaction of Wing with Winglet" in the Conference organized by SRM TRP Engineering College, Trichy.

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5. M.Navindhar, P.Palanisamy, K.Pasupathy of final year had presented a paper entitled as "Numerical simulation of Micro Gas Turbine with Recuperator using 60 deg angle corrugated fins characteristics" in the Conference organized by SRM TRP Engineering College, Trichy.
6. R.Pradeepan, M.Prasanth, B. Sajahan of final year had presented a paper entitled "Fire Fighting Drone" in the Conference organized by SRM TRP Engineering College, Trichy.
7. P. Sarathbabu, S. Sathish, P.Soundrarajan of final year had presented a paper entitled as "Analysis of micro and macro nose radius on 7075 while turning " in the Conference organized by SRM TRP Engineering College, Trichy.
8. D. Sridharan, Subbulokesh, P. Thanish of final year had presented a paper entitled "Design and analysis of fighter aircraft turning" in the Conference organized by SRM TRP Engineering College, Trichy.
9. P. Vidhyashree, R. Yuvashiri, M.Mouli of final year had presented a paper entitled "Design and analysis of turbine blades in a micro gas turbine engine" in the Conference organized by SRM TRP Engineering College, Trichy.

#### Department of Computer Science Engineering

1. S.Sowmiya, Thangam M, of final year, had presented a paper in the Conference organized by SRM TRP Engineering College, Trichy.





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2. S.Sowmiya, Thangam M of final had published papers entitled "Fast Detection of Transformed Data Leaks in Wireless Sensor Network" in International Journal of Scientific Research in Engineering and Management (IJSREM). (04.04.2021)

#### **Department of Electronics and Communications Engineering**

1. S.Subha,Malavika,A.Mohanapriya had presented a paper entitled "Automatic Lake Cleaning Robot" in the International Conference organized by Kongunadu College of Engineering and Technology, Tholurpatti. Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
2. Abinaya.S, Ammudevi.P, Kaviya.R of final year had presented a paper entitled "Design of An ATM Security through Smart Vision" in the International Conference organized by Kongunadu College of Engineering and Technology, Tholurpatti. Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
3. Sandhiya.M, Menaka.J, Swetha.L of final year had presented a paper entitled "IOT Fuel Station Monitoring" in the National Conference organized by T.R.P Engineering College held on 31<sup>st</sup> March 2021
4. Gunavathi.K, Kasthuri.S, Sumathi.K of final year had presented a paper entitled "IOT Based Smart Remainder Medicine Pill Box" in the International Conference organized by Indra Ganesan College of Engineering, Trichy Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
5. R.Ammu, ,S.Pavithra and S Sangeetha of final year ECE had presented a paper entitled

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“Artificial Intelligence based Smart helmet 5.0” in the International Conference organized by Indra Ganesan College of Engineering held on 9<sup>th</sup> and 10<sup>th</sup> April 2021.

6. Jency Elakkiya, Dhanapriya had presented a paper in International Conference at K.Ramakrishnan College of Engineering held on 29<sup>th</sup> and 30<sup>th</sup> march 2021.

7. Abinaya.S, Ammudevi.P, Kaviya.R of IV year had Published a paper on “A novelty approach for ATM security using smart vision” in International Research Journal of Modernization in Engineering Technology and Science, Volume:03/Issue:04/April-2021

8. Sandhiya.M, Menaka.J, Swetha.L of final year had Published a paper on “IOT based Fuel Station Monitoring” in International Research Journal of Infokara Research an UGC Care Approved Journal, Volume:10/Issue:04/April-2021


9. S.Subha, Malavika, A.Mohanapriya had published a paper entitled “Automatic Lake Cleaning Robot” in the the International Conference at Kongunadu College of Engineering and Technology Held on April 9th and 10th 2021

#### **Department of Electrical and Electronics Engineering**

1. M. Abdul Rahuman, P. Anand babu, of final year had presented a paper entitled as “A Bidirectional CDT- LC Resonant DC-DC Converter With A Wide Voltage Range” in the Conference organized by SRM TRP Engineering College, Trichy.






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2. U. Asif Mohamadu, R. Bharathi of final year had presented a paper entitled as "Three-Port Full-Bridge Bidirectional Converter for Hybrid DC/DC/AC Systems" in the Conference organized by SRM TRP Engineering College, Trichy.
3. E. Dinesh, A. Menaka of final year had presented a paper entitled as "A high frequency power factor correction stage with low output voltage" in the Conference organized by SRM TRP Engineering College, Trichy.
4. S. Mohamed Thoufiq Rahman, C. Monisha of final year had presented a paper entitled as "Investigation on sizing of voltage source for a battery energy storage system in microgrid with renewable energy sources" in the Conference organized by SRM TRP Engineering College, Trichy.
5. P. Rabin, R. Ragu of final year had presented a paper entitled as "Design and analysis of 15-level asymmetric multilevel inverter with reduced switch count using different PWM techniques" in the Conference organized by SRM TRP Engineering College, Trichy.
6. S. Santhiya, S. Santhiya of final year had presented a paper entitled as "Upper twisting fractional order energy management control for a smart university using integrated DC micro grid" in the Conference organized by SRM TRP Engineering College, Trichy.
7. P. Saravanan, D. Seetha of final year had presented a paper entitled as "A Novel Bidirectional T-type Multilevel Inverter for Electric Vehicle Applications" in the Conference organized by SRM



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TRP Engineering College, Trichy.

8. S. Stephan, V. Dhivya, Mohamed Tajudeen of final year had presented a paper entitled as “Fuzzy Efficient Energy Smart Home Management Based To Support Smart Grid” in the Conference organized by SRM TRP Engineering College, Trichy.

#### Department of Mechanical Engineering

1. M. Abdul Majeedu, B. Abdul Salam, K. Ajith of final year had presented a paper entitled as “Optimization of parameters for nitronic-60 on wire cut electrical discharge machining using zinc coated wire” in the Conference organized by SRM TRP Engineering College, Trichy.

2. C. Ajith Kumar, K. Ajith kumar, K. Akalya of final year had presented a paper entitled “Composite Gear Wheels” in the Conference organized by SRM TRP Engineering College, Trichy.

3. S. Akthar Ahamed, K. Arun Kumar, J. Athiraj of final year had presented a paper entitled as “Analysis of mechanical behaviour of banana coir fiber composite” in the Conference organized by SRM TRP Engineering College, Trichy.


4. G. Baalakrishnan, P.Bharathi, G. Chiyavudeen of final year had presented a paper entitled as “Experimental investigation on mechanical behaviour & structural analysis of dissimilar stainless steel plate using TIG welded joint” in the Conference organized by SRM TRP

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Engineering College, Trichy.

5. S. Fahim Apsar, S. Frose Khan, K. Jagadeesh of final year had presented a paper entitled "Experimental investigation and characteristics of aluminum fly ash composite using stir casting methodology" in the Conference organized by SRM TRP Engineering College, Trichy.
6. R.Jayshree, C. Jenifer Agalya, R. Karthikeyan of final year had presented a paper entitled as "Experimental investigation on weld characteristics of various welding aspects for GTAW welded SS Plate joint" in the Conference organized by SRM TRP Engineering College, Trichy.
7. M. Keerthi sankar, M.Mahatheer Mohamed, P. Manikandan of final year had presented a paper entitled as "Experimental investigation of porous factors in wire for inconel 603XL" in the Conference organized by SRM TRP Engineering College, Trichy.
8. R. Manikandan, B.Manimaran, K.Mohamed Aratfath of final year had presented a paper entitled as "Evaluation of mechanical behaviour of natural fiber hybrid composite reinforces with polyester resin" in the Conference organized by SRM TRP Engineering College, Trichy.
9. Mohamed Fawaz, Mohamed Ishaik, Mohamed Safiullah of final year had presented a paper entitled as "Performance analysis on Al 6061 under dry and wet condition in CNC milling" in the Conference organized by SRM TRP Engineering College, Trichy.
10. P. Nancy mary, M. Naveen kumar, Z.Nizar Ahamed of final year had presented a

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paper entitled as “Experimental investigation of micron level copper electrode dimensional deviation analysis” in the Conference organized by SRM TRP Engineering College, Trichy.

11. S.Nithish Kumar, U. Ponmudi Cholan, B.Prakash of final year had presented a paper entitled as “Optimization of axial load characteristics of RAMI-EPOXY composite & investigation of tribology behaviour” in the Conference organized by SRM TRP Engineering College, Trichy.

12. A. Sabitha Ali, V. Sachin Ryona, D. Selva kumar of final year had presented a paper entitled as “Analysis of corrosion behaviour using nano particle composite” in the Conference organized by SRM TRP Engineering College, Trichy.


13. S. Senbaga Pandiyan, S. Shalini Priya, G. Siva kumar of final year had presented a paper entitled as “Minimum metal removal analysis of AA8011 by using CNC Milling” in the Conference organized by SRM TRP Engineering College, Trichy.

14. K. Subash, T. Suriyaprakash, V. Suriya of final year had presented a paper entitled as “Finite element analysis on autogenous welding of stainless steel” in the Conference organized by SRM TRP Engineering College, Trichy.

15. H. Syed Thikfin Alhaq, H. Umar Farooq, S. Vasanth of final year had presented a paper entitled as “Mechanical behaviour of coconut coir bamboo fibre reinforced material” in the





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Conference organized by SRM TRP Engineering College, Trichy.

16. A. Velmurugan, K. Vijay, V. Vijayprathap of final year had presented a paper entitled as "Wear characteristics of stir casting MMC AL7075 WITH 5% TiC Particle" in the Conference organized by SRM TRP Engineering College, Trichy.


17. K. Vimarl raj, P. Vinith Difinish, D. Murali of final year had presented a paper entitled as "Experimental investigation on mechanical properties of E glass fibre & flax fibre reinforced hybrid polymer composites" in the Conference organized by SRM TRP Engineering College, Trichy.

18. P. Logesh, S. Balamurugan, C. Sathiya seelan of final year had presented a paper entitled as "Experimental investigation on tribology behaviour of palmiva fiber with E-Poxy reinforced composite" in the Conference organized by SRM TRP Engineering College, Trichy.

#### **Department of Mechatronics Engineering**

1. Ahmed Rifath S, Mohammed Ithiyas I, Mohammed Hussain M R of final year Mechatronics Engineering had published a paper entitled, "Automatic Garments Folding Machine" in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology, Chennai.

2. T Balakrishnan, E.Mageshwaran, A Selvamani of final year Mechatronics Engineering

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participated in Online Contest “Developed India & the Youth –Vision Dr.Kalam” on 26.12.2020 organized by Institute for Green Engineers.

3. M.Deepak, M.E Mohammed Fahees, A Balaji of final year Mechatronics Engineering had published a paper entitled “Smart Savage Monitoring System” in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology Chennai.


4. L.Sowndarya, M Rajkumar, T Balakrishnan, T Varshini of final Year Department of Mechatronics Engineering had published a paper entitled “Generation of High Voltage With Voltage Multiplier” in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology Chennai.

5. A.Hasanharun, R Subash chandran, S Praveen of final Year Department of Mechatronics Engineering had published a paper entitled “Incidence of Fatal Pedestrian Collisions and vehicle speed Control” in Online International Conference on Emerging trends in Engineering and Technology organized by Padian Saraswathi Yadav Engineering College, Sivagangai.

6. T Balakrishnan, L.Sowndarya, M.Rajkumar, T Varshini of final Year Department of Mechatronics Engineering had published a paper entitled “Generation of High Voltage With Voltage Multiplier” in Online National Conference on Innovations in Electrical Power and Green Energies organized by M.Kumarasamy College of Engineering, Karur.






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7. Abdul Latiff S, Ahmed Faisal I, B Jenith Kumar of III Year Department of Mechatronics Engineering had participated in "3 Days Boot Camp for TNSI 2021" on 3.3.2021 Organized by Program Monitoring office- Innovation Entrepreneurship Development Programme (PMO-EDP).
8. Mohamed Ithiyas.I of final Year Department of Mechatronics Engineering has won the 3<sup>rd</sup> Prize in "Business Ideation Competition" organized by YI thoothukudi chapter in association with Native Leader.
9. Mageshwaran.N of final Year Department of Mechatronics Engineering has successfully completed the 24 hours training at M.A.M College of Engineering by GTT Foundation on Employability Skills.
10. Manoj Kumar.P of III Year Department of Mechatronics Engineering has actively participated in the "Online Essay Writing Competition on Role of Intellectual Property Rights for Start-Ups" conducted during Celebration of World Intellectual Property Day 2021 on 19<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.
11. Manoj Kumar.P of III Year Department of Mechatronics Engineering has actively participated in the "E-Quiz on Intellectual Property Rights" conducted during Celebration of World Intellectual Property Day 2021 on 19<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.



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12. Sanjai.R of III Year Department of Mechatronics Engineering has awarded the certificate of achievement for the successful completion of “Build a Face Recognition Application using Python” as part of AI-For-India Event conducted by GUVI on 25<sup>th</sup> April 2021.

13. Mohammed Ashib N, Mohammed Nowfull N, Mageshwaran M, Niyas Ahmed of final Year Department of Mechatronics Engineering had published a paper entitled “Smart Speed Breaking System for emergency vehicles by using RFID” in the virtual National Conference on Recent Advances in Communication Electronics” (NCRACE 2021) organized by SRM TRP Engineering College, Trichy.

14. Mohammed Ithiyas final year Mechatronics Engineering Successfully participated in the event National Level Virtual Fest “Industrial Automation” on 12 & 13<sup>th</sup> April 2021 organized by Bannari Amman Institute of Technology.


### 3.6. CULTURAL EVENTS

Cultural events have not been conducted because of the pandemic situation.

### 3.7. VALUE ADDED PROGRAMMES

Students were actively engaged in a Real-time based Mini Project to stimulate their mind and flourish their Innovative Research Ideas. Also they are encouraged to take part in Seminars, Paper presentations, In-plant training, Association activities, Industrial visits, Training programs



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and Special lecture programs and so on.


- So far nearly 200 students participated in Seminars and Paper presentations.
- Nearly 60 Guest Lecture programs had been arranged for the students and staffs in various departments
- Value added Course on AutoCAD Inventor was conducted for II year students of MECH, AERO from 18.02.2020 to 28.02.2020 along with Alpha CAD, Chennai
- Value added Course on Creo was conducted for IV year students of MECH & AERO from 18.02.2020 to 28.02.2020 along with Alpha CAD, Chennai.
- Value added Course on "Pro - E" was conducted for IV year students of Mechatronics from 4.12.2020 to 30.12.2020 along with Alpha CAD, Chennai.

### **3.7.1 INTRA PROJECTS EXPO 2020-2021**

Intra projects expo 2021 cancelled due to the pandemic situation

### **3.7.2 INDUSTRIAL VISITS**

To bridge the gap between industry and institution and make the students to be familiar with the future core working environment, we frequently arrange Industrial visits for our students.

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### Department of Aeronautical Engineering


S. No	Name of the company	Date	No of students	Address of the company
1	Jeyam metal roof (PVT) Ltd, Trichy	17.02.2020	20	CEO:Gururaja, SF NO.80, 14, Chennai - Trichy Hwy, Konalai, Tamil Nadu 621105
2	Kothari sugar product, Trichy.	19.02.2020	23	ceo:Arjun B Kothari, Melavannam - Puthur Road, Tamil Nadu 621707

### 3.7.3. IN PLANT TRAINING DETAILS

Due to lockdown In-plant training for students have been postponed






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### 3.8. GUEST LECTURE / SEMINAR:


#### Department of Aeronautical Engineering

Name of the workshop/ seminar	Number of Participants	Date	Name of the Resource Person	Company / institution Name and Address
Guest Lecture	25	04.01.2020	Dr.P.Hariharan	CEO:Dr.M.Venkatesan, Director-students affairs, Anna University, Chennai-600025
Guest Lecture	24	06.01.2020	Mr.P.Packiyaraj	CEO:Mr.P.Packiyaraj, SBN Integrity Inspection and Training Service, Trichy-620001
Guest Lecture	26	17.02.2020	Mr.Ujjiwa singh	Dr.S.Boopathi, Bharath University, Chennai-600045
webinar	50	15.06.2020	Dr.K.Chandrasekaran	MAM School of Engineering

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webinar	70	29.06.2020	Dr.N.Jeyaparaksh	Research Associate, National Taipei University of Technology, Taiwan
webinar	50	20.07.2020	Dr.J.S.Binoj	Professor, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh
webinar	70	06.07.2020	Dr.N.Manikandan	Professor, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh
webinar	50	10.08.2020	Dr.P.Mahendra Prabhu	Postdoctoral Fellow, Department of Ocean Engineering, Indian Institute of Technology Madras, Chennai - 600 036
webinar	70	13.07.2020	Dr.Ramesh Raju	Professor, Department of Mechanical Engineering, Santhiram Engineering College, Andhra Pradesh
webinar	50	28.07.2020	Er.N.Gyathri,	Technical Head and Er.Bharathiraja, Training Manger, TEKLA Training Division, Bangalore




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### 3.8. GUEST LECTURE / SEMINAR:

#### Department of Aeronautical Engineering


Name of the workshop/ seminar	Number of Participants	Date	Name of the Resource Person	Company / institution Name and Address
Guest Lecture	25	04.01.2020	Dr.P.Hariharan	CEO:Dr.M.Venkatesan, Director-students affairs, Anna University, Chennai-600025
Guest Lecture	24	06.01.2020	Mr.P.Packiyaraj	CEO:Mr.P.Packiyaraj, SBN Integrity Inspection and Training Service, Trichy-620001
Guest Lecture	26	17.02.2020	Mr.Ujjiwa singh	Dr.S.Boopathi, Bharath University, Chennai-600045
webinar	50	15.06.2020	Dr.K.Chandrasekaran	MAM School of Engineering




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webinar	70	29.06.2020	Dr.N.Jeyaparaksh	Research Associate, National Taipei, University of Technology, Taiwan
webinar	50	20.07.2020	Dr.J.S.Binoj	Professor, Sree Vidyanikethan Engineering College (Autonomous). Tirupati, Andhra Pradesh
webinar	70	06.07.2020	Dr.N.Manikandan	Professor, Sree Vidyanikethan Engineering College (Autonomous). Tirupati, Andhra Pradesh
weminar	50	10.08.2020	Dr.P.Mahendra Prabhu	Postdoctoral Fellow, Department of Ocean Engineering, Indian Institute of Technology Madras, Chennai – 600 036
webinar	70	13.07.2020	Dr.Ramesh Raju	Professor, Department of Mechanical engineering, Santhiram Engineering College, Andhra Pradesh
webinar	50	28.07.2020	Er.N.Gyathri,	Technical Head and Er.Bharathiraja, Training Manger, TEKLA Training Division, Bangalore



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webinar	70	22.06.2020	Dr.k.Semthilkumar	Syed ammal engineering college, ramanad
webinar	50	27.07.2020	Dr.Ragunathan	Professor, Sree Vidyanikethan Engineering College (Autonomous). Tirupati, Andhra Pradesh
webinar	70	23.11.2020	N.Arunkumar	VK Enterprises PVT LTD
webinar	50	21.11.2020	Mr.Abdulah	Coimbatore CAD solution pvt ltd
webinar	70	20.11.2020	B.Senthilnathan	Luxot solution pvt ltd, Singapore
webinar	50	19.11.2020	Dr.R.Murali	Open challenge engineers, nagappatinam


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**Department of Computer Science Engineering**

<b>Title of the Seminar/guest lecture/workshop</b>	<b>Date</b>	<b>No. of Participants</b>	<b>Venue</b>	<b>Speaker / Resource Person</b>
Big Data Analytics	7.7.2020	65	Through Online (Google Meet)	Dr.S.Russia, Prof./IT, K.S.R. Institute for Engineering and Technology, Thiruchencode, Namakkal.
Clipping in Computer Graphics – An Overview	14.7.2020	70	Through Online (Google Meet)	Prof. D.Evangeline, Dept. of Information Science & Engg, M.S.Ramaiah Institute of Technology, Bengaluru.
Windows Server Administration	21.07.20	71	Through Online (Google Meet)	Mr.M.Prasannakumar, AP/CSE, Anna University, BIT Campus.






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**Department of Electrical and Electronics Engineering**

S.No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Industrial Automation	26.12.2020	50	Seminar Hall, MAMSE	Mr. N. Kumar Business Head, Gateway Finishing School, Trichy.
2	Introduction To Robotics	02.01.2021	50	Smart Class, MAMSE	Mr.P.MohamedRafeeq,Manager, AGIIT,Trichy.
3	Career Development For Engineers	22.01.2021	50	Seminar Hall, MAMSE	Dr. S.Thiyagarajan, M.E., Ph.D., Managing director, GIT, Trichy.


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4	Power Electronics And Applications	29.01.2021	50	Smart Class, MAMSE	Dr. S.Avudaiyappan Branch manager, Pantech Solutions, Trichy.
5	Internet Things Of	02.02.2021	50	Smart Class, MAMSE	Mr. Perikannan Project head, Chrome Software Solution, Madurai.

#### Department of Electronics and Communication Engineering


Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
Webinar on "Interview Skills and Coding Techniques"	08.07.20	90	Online	K.Ramya, Software Engineer, Tata Consultancy Services, Chennai.




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Webinar on “Antenna Applications in 5G”	15.07.20	90	Online	Dr. S. Suresh, Professor, Department of Electronics & Communication Engineering, Sri Indu Institute of Engineering and Technology, Hyderabad
Webinar on “Microwave Tubes”	22.07.20	97	Online	Dr. D. Helana Margret, Assistant Professor, Department of Electronics & Communication Engineering, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi
Webinar on “Augmented Reality and Virtual Reality in Electronics”	29.07.20	90	Online	Dr. N. Shobana Devi, Assistant Professor, Department of Electrical & Electronics Engineering, University College of Engineering, Ariyalur
Webinar on “Electromagnetic Theory in Advanced Technology and Society”	05.08.20	90	Online	Dr.P.S .Mangayarkarasi, Assistant Professor, Department of EEE, University College of Engineering ,Panruti.




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Webinar "Embedded Systems"	on	17.11.20	90	Online	S.Deepan, Embedded Developer, Galwin Technology,Trichy.
Webinar "Machine learning-A probabilistic perspective"	on	18.11.20	90	Online	Dr. R. Arun prakash, Assistant Professor, Department of Computer Science and Engineering, University College of Engineering, Ariyalur.
Webinar on "Website Development and SEO "		19.11.20	90	Online	Mrs.Jerlin Hemnath, MD & Technical head, Hitakey infosys, Trichy.
Webinar "Automotive Embedded Systems"	on	20.11.20	90	Online	Mr.M.Umar Kathap, Senior software engineer, Valeo India pvt ltd, chennai,

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Webinar on "Soft skills and Leadership skills"	21.11.20	90	Online	Mr.R.Prabu, Senior data engineer/Lead, warner media,U.S..
Webinar on "Backdrop of World Wide Web"	23.11.20	90	Online	Mr.G.Vignesh, senior system Engineer, Infosys ltd, bangalore.
Webinar on "Programmable Logic Controllers"	23.11.20	90	Online	Mr.U.Yuvaraj, Project Engineer, Ultra automation technology private ltd, chennai..
Webinar on "Machine Learning – Machine rules you"	09.04.21	90	Online	Mrs.Jerlin Hemnath, MD & Technical head, Hitakey infosys, Trichy
Webinar on "Green Entrepreneurship"	16.04.21	90	Online	Mrs.J.Ozsini Thomcy, MD & VJ, Garden Boutique & Organic Products, Trichy Trichy

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**Department of Mechanical Engineering**


Date	Name of the workshop/seminar	Number of Participants	Date From – To	Name of the Resource Person	Company / institution Name and Address
04.01.2020	Guest Lecture	25	04.01.2020	Dr.P.Hariharan	CEO:Dr.M.Venkatesan, Director-students affairs, Anna University, Chennai-600025
17.02.2020	Guest Lecture	24	06.01.2020	Mr.P.Packiyaraj, M.E.,	CEO:Mr.P.Packiyaraj,SBN Integrity Inspection and Training Service, Trichy-620001
03.03.2020	Guest Lecture	26	17.02.2020	Mr.Ujjiwa singh, M.E.,	Dr.S.Boopathi, Bharath University, Chennai-600045



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### Department of Mechatronics Engineering

S. No	Title of the Seminar/ lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Finding Your Passion Productively	4.7.2020	65	Online	Mrs. S. Narmadha Kamalakannan – TCS Talent Development Bangalore
2	Role of Technology and Career opportunities post COVID	11.7.2020	68	Online	Mr.Mohamed Aashik Rahman Founder & CEO Propeller Technologies
3	Lessons of Life	18.7.2020	55	Online	Mrs. S.Nivedha Veerabahu  CYS Technologies

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4	Engineer's Role in Self Reliance Society	25.7.2020	76	Online	Mr.D.Karthik Saudi Electricity Company Riyadh
5	To Create your own path after Graduation	31.7.2020	56	Online	Mr.S.Mohamed Ismail Founder Agni Siraguga Team for Education
6	CSTE	17.11.2020	62	Online	Mr.Kishore Abishek ZARE Global Chennai
7	Embedded System Programming with IDE Tools	18.11.2020	55	Online	Mr.J.Mathesh Kumar SD Pro Solutions Pt Ltd Bangalore



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8	Industry 4.0	19.11.2020	57	Online	Mr.Vignesh  CTO, Quantancis Techser Pvt Ltd Madurai
9	Artificial Intelligence in Current Era	20.11.2020	55	Online	Dr.Vigneshwaran  Founder Nandha Infotech
0	How to Develop the basic Quality of Engineers	21.11.2020	65	Online	Mr.S.Mohamed Ismail  Founder Agni Siragugal Team for Education
1	Booming Technology on Your Hand	23.11.2020	75	Online	Mr.R.Raju  (Alumini of MAMSE)  Software Engineer Technosoft Pvt Ltd



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2	Disruptive Tools for AI and IOT	24.11.2020	45	Online	Mr.S.Hariprasad  Researcher in IOT and AI  Chennai
3	Intellectual property Rights and IP Management for Startup	09.04.2021	95	Online	Dr.C.R.Rene Robin  Professor & Dean(Innovation)  Sairam Group of institutions
4	Basic Aspects of Entrepreneurship	10.04.2021	150	Online	Department of Mechatronics & Institution's Innovation Council  M.A.M School of Engineering




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5	Business Model Canvas for Building Entrepreneurs	17.04.2021	80	Online	Dr.A.Murugesan  Associate professor(EEE)  K.S.R Institute of Engineering and Technology
6	IGEN Legendary Webinar Series	26.12.2020	68	Online	Padmabhushan Padmashri Dr . Sivathanu Pillai, Father of Brahmos Aerospace

## **FACULTY ACHIEVEMENTS:**

### **4.1. ONLINE CERTIFICATION COURSE**

• P.Kavitha, Associate Professor of Electronics and Communication Engineering Department has successfully completed the 12 week (Jan- Apr 2020) NPTEL Online Certification course conducted by IIT Chennai, "Integrated Circuits, MOSFETs, OPAMPs and their Applications" Passed with 89 %.

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P.Kavitha, Associate Professor of Electronics and Communication Engineering Department has successfully completed the 12 week (Jan- Apr 2020) NPTEL Online Certification course conducted by IIT Chennai, "CMOS VLSI DIGITAL DESIGN " with ELITE status.

Karthikeyan had Participated in an online short term course on "Learn to design your own solar Home system" in Energy Swaraj Foundation, 13 AUG 2020.


#### 4.2. FACULTY PUBLICATIONS IN JOURNAL

##### Department of Aeronautical Engineering


S. NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Dr. K. Chandrasekaran	Investigation on mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al <sub>2</sub> O <sub>3</sub> hybrid composites for marine applications, Interciencia Journal, vol.45, no.2 pp.346-369	Interciencia Journal, Mar-20





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2	Dr. Chandrasekaran K.	Investigation of Nitronic-60 using Zinc Coated Wire, Wutan Huatan Jisuan Jishu, vol.16, no.6 pp.123-130.	Wutan Huatan Jisuan Jishu, Mar-20
3	Dr. Chandrasekaran K.	'Optimization of drilling process parameters of electrical discharge machining in Inconel 718 material, GEDRAG & ORGANISATIE REVIEW, vol.33, no.2 pp.1983-1993.	GEDRAG ORGANISATIE REVIEW, Mar-20 &
4	Dr. Chandrasekaran K.	Optimization of Parameters for Nitronic-60 on Wire-Cut Electrical Discharge Machining using Zinc-Coated Wire	IOP Conference Series: Materials Science and Engineering, Mar-21
5.	Dr. Chandrasekaran K.	Characteristic analysis of dissimilar metal weld for AISI304 with SA213T22 in super heater coils	Materials today proceedings, Mar-21

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**Department of Computer Science Engineering**

S. NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	K.Sathish Kumar	Fast Detection of Transformed Data Leaks in Wireless Sensor Network	Accepted

**Department of Electronics and Communication Engineering**

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Mrs.P.Kavitha	Medical handwritten Prescription Recognition using CRNN	International Journal of Information and Computing Science
2	Mrs.P.Kavitha	Secured Communication in Aircraft System Using LI-FI For Military Applications	International Journal of Information and Computing Science




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3	Mrs.P.Kavitha	Automatic Lake Cleaning Robot Using IOT	Journal of Huazhong University of Science and Technology
3	Mrs.P.Kavitha	A novelty approach for ATM security using smart vision	International Research Journal of Modernization in Engineering Technology and Science
4	Dr.Abdur Rahman	Intelligent Remainder Medicine Pill Box using IOT	Accepted
5	Mr.Karthikeyan	Secured Communication in Aircraft System Using LI-FI For Military Applications	International Journal of Information and Computing Science
6	Mr.A. Karthick Kumar	Internet of Things Based Smart Electronic Digital Notice Board	International Journal of Information and Computing Science

#### Department of Electrical and Electronics Engineering

S.No	Name of the Faculty	Title of paper	PUBLISHED IN
1	Mrs. Dharanidevi M.	Wireless power transmission using electric vehicle	International Journal Of Engineering And Technology




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2	Mr. G.Purushothaman	A novel implementation to design a co-joined system with wind and solar for moving trains.	International Journal Of Engineering Technology And
3.	Mr. A.Senthamarai Kannan	Load shift potential analysis and automatic trapping using various demand responses.	International Journal Of Engineering Technology And
4.	Mrs. M. Dharanidevi	Analysis and Design of the fault current limiting by using Bridge type FCL in the multi terminal smart grid.	International Journal Of Engineering Research And Technology


#### Department of Mechanical Engineering

Title of paper	Name of the author/s	Name of journal	Year of publication
Wear characterization of aluminium (Im25) metal matrix composite reinforced with sic and mos2 on various heat treatments	R.Ramanathan	International journal	May-2021



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Wear characterization of aluminium (Im25) metal matrix composite reinforced with sic and mos2 on various heat treatments	A.Mohankumar	International journal	May-2021
Wear characterization of aluminium (Im25) metal matrix composite reinforced with sic and mos2 on various heat treatments	S.Venkatraman	International journal	May-2021
Rain tree seed oil: solvent extraction, optimization and characterization	M.Vimalkumar	International journal	April -2021
Wear characterization of aluminium (Im25) metal matrix composite reinforced with sic and mos2 on various heat treatments	M.vimalkumar	International journal	May-2021


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### Department of Mechatronics Engineering

S.No	Name of the Faculty	Title of paper	Published In
1	Dr.A.Punitha	Implementation of Automatic Garments Folding Machine Using Servo Motor	Journal of Huazhong University of Science and Technology
2	Dr.A.Punitha	Smart Method for Tollgate Billing System Using RSSI	IEEE EXPLORE
3	M.Subapradha	Smart Swage Water System using GSM Enabled Sensor	Infokara Research journal
4	M.Suba Pradha	Integration of 3D MEMS Accelerometer Sensor	Annals of R.S.C.B
5	M.Suba Pradha	Investigation tensile and wear properties of aluminium metal matrix composite	IOP Conference Series: Material Science and Engineering





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#### 4.3. FACULTY PUBLICATIONS IN CONFERENCES

##### Department of Aeronautical Engineering

1. **Chandrasekaran, K**, 2021, 'optimization of parameters for Nitronic 60 on WEDM using Zinc coated wire", Proceedings international conference on trends material science and innovative materials, pp.21.
2. **Chandrasekaran, K**, 2021 'Optimum Process Parameter for HANSON Robot in CNC Turning Using Desirability Function Analysis, Proceedings of national conference on design, manufacturing and automation, pp. 28.
3. **Chandrasekaran, K**, 2020, 'Machinability and Characteristic study of Marine Applications", Proceedings of Second international conference on New Scientific Creations in Engineering and Technology.
4. **Chandrasekaran, K**, 2020, 'Machinability and Characteristic study of Marine Applications", Proceedings of AICTE Sponsored International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors.
5. **Chandrasekaran, K**, 2020 'Optimum Process Parameter for HANSON Robot in CNC Turning Using Desirability Function Analysis, Proceedings of national conference on Robotics and Automation Engineering, pp. 28..

##### Department of Computer Science and Engineering

1. **K.Sathish Kumar** , Department of Computer Science Engineering had published a paper in an International Conference on "Artificial Intelligence for IoT and Sustainable Electrical Networks (ICAISEN' 21)" at TRP Engineering College ,Trichy


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### **Department of Electronics and Communication Engineering**

1. P.Kavitha, Department of Electronics and Communication Engineering had presented a paper on "Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology" in the National Conference at Dhanalakshmi Srinivasan Engineering College, Perambalur on 13th March 2020.
2. P.Kavitha, Department of Electronics and Communication Engineering had Presented a paper on " Smart Sewer Robot to detect and remove hydraulic anomalies "in the National Conference at M.Kumarasamy College of Engineering, Karur.
3. P.Kavitha had presented a paper entitled "Automatic Lake Cleaning Robot" in the International Conference organized by Kongunadu College of Engineering and Technology, Tholurpatti. Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
4. P.Kavitha had presented a paper entitled "Design of An ATM Security through Smart Vision" in the International Conference organized by Kongunadu College of Engineering and Technology, Tholurpatti. Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
5. K.Karthikeyan had presented a paper entitled "IOT Fuel Station Monitoring" in the National Conference organized by T.R.P Engineering College held on 31<sup>st</sup> March 2021






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6. Dr.N.Abdur rahman had presented a paper entitled "IOT Based Smart Remainder Medicine Pill Box" in the International Conference organized by Indra Ganesan College of Engineering, Trichy Held on April 9<sup>th</sup> and 10<sup>th</sup> 2021
7. P.Kavitha had presented a paper entitled "Artificial Intelligence based Smart helmet 5.0" in the International Conference organized by Indra Ganesan College of Engineering held on 9<sup>th</sup> and 10<sup>th</sup> April 2021.
8. K.Karthikeyan had presented a paper in International Conference at K.Ramakrishnan College of Engineering held on 29<sup>th</sup> and 30<sup>th</sup> march 2021.

#### **Department of Electrical and Electronics Engineering**

1. M.Dharanidevi, Department of Electrical and Electronics Engineering had published paper in International Conference in the title of "Wireless power transmission using electric vehicle at TRP Engineering college.
2. A.Senthamarai kannan, Department of Electrical and Electronics Engineering had published paper in International Conference in the title of "Load shift potential analysis and automatic trapping use various demand response" at TRP Engineering college.
3. G.Purushothaman, Department of Electrical and Electronics Engineering published



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paper in International Conference in the title of

“A novel implementation to design co-joined system with wind and solar for moving train”  
at TRP Engineering college.

4. A.Senthamarai kannan, Department of Electrical and Electronics Engineering  
published paper in International Conference in the title of

“A novel implementation to design co-joined system with wind and solar for moving train”  
at Saranathan Engineering college.

#### Department of Mechanical Engineering

1. R. Ramanathan, Department of Mechanical Engineering had published a paper entitled  
“Experimental investigation on AA2024 by using CNC turning” in Online National  
Conference on Virtual national conference on design, manufacturing and automation  
organized by SRM TRP Engineering college, Trichy.

2. R. Ramanathan, Department of Mechanical Engineering had published a paper entitled  
“Evaluation of mechanical behaviour of natural fiber hybrid composite reinforces with  
polyester resin” in Online National Conference on Virtual national conference on design,  
manufacturing and automation organized by SRM TRP Engineering college, Trichy.


3. R. Ramanathan, Department of Mechanical Engineering had published a paper entitled  
“Experimental investigation on tribology behaviour of palmiva fiber with E-Poxy reinforced  
composite” in Online National Conference on Virtual national conference on design,  
manufacturing and automation organized by SRM TRP Engineering college, Trichy.

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4. A.Mohan kumar, Department of Mechanical Engineering had published a paper entitled "Analysis of mechanical behaviour of banana coir fiber composite" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.
5. A.Mohan kumar, Department of Mechanical Engineering had published a paper entitled "Performance analysis on Al 6061 under dry and wet condition in CNC milling" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.
6. A.Mohan kumar, Department of Mechanical Engineering had published a paper entitled "Mechanical behaviour of coconut coir bamboo fibre reinforced material" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.
7. P.Pavanthan, Department of Mechanical Engineering had published a paper entitled "Analysis of corrosion behaviour using nano particle composite" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.
8. P. Pavanthan, Department of Mechanical Engineering had published a paper entitled "Experimental investigation on mechanical properties of E glass fibre & flax fibre reinforced hybrid polymer composites" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.
9. P. Pavanthan, Department of Mechanical Engineering had published a paper entitled "Experimental investigation of porous factors in wire for inconel 603XL" in Online National



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Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

10. M. Vimal kumar, Department of Mechanical Engineering had published a paper entitled "Experimental investigation on mechanical behaviour & structural analysis of dissimilar stainless steel plate using TIG welded joint" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

11. M. Vimal kumar, Department of Mechanical Engineering had published a paper entitled "Experimental investigation of micron level copper electrode dimensional deviation analysis" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

12. M. Vimal kumar, Department of Mechanical Engineering had published a paper entitled "Finite element analysis on autogenous welding of stainless steel" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

13. S. Venkatraman, Department of Mechanical Engineering had published a paper entitled "Optimization of axial load characteristics of RAMI-EPOXY composite & investigation of tribology behaviour" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

14. S. Venkatraman, Department of Mechanical Engineering had published a paper entitled "Finite element analysis on autogenous welding of stainless steel" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.


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automation organized by SRM TRP Engineering college, Trichy.

15. S. Venkatraman, Department of Mechanical Engineering had published a paper entitled "Experimental investigation on weld characteristics of various welding aspects for GTAW welded SS plate joint" in Online National Conference on Virtual national conference on design, manufacturing and automation organized by SRM TRP Engineering college, Trichy.

#### **Department of Mechatronics Engineering**

1. Dr.A.Punitha,, Department of Mechatronics Engineering had published a paper entitled "Automatic Garments Folding Machine" in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology, Chennai.
2. Dr.A.Punitha, Department of Mechatronics Engineering had published a paper entitled "Smart Method for Tollgate Billing System Using RSSI" in 2021 International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) organized by IEEE.
3. S.Saravanan, Department of Mechatronics Engineering had published a paper entitled "Generation of High Voltage With Voltage Multiplier" in Online National Conference on Innovations in Electrical Power and Green Energies organized by M.Kumarasamy College of Engineering, Karur.

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4. S.Saravanan, Department of Mechatronics Engineering had published a paper entitled "Generation of High Voltage With Voltage Multiplier" in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology, Chennai.

5. M.Subapradha, Department of Mechatronics Engineering had published a paper entitled "Smart Savage Monitoring System" in Online National Conference on Fascinating Advancement in Mechanical Engineering organized by RMK College of Engineering and Technology, Chennai.

6. M.Chandrasekar, Department of Mechatronics Engineering had published a paper entitled "Incidence of Fatal Pedestrian Collisions and vehicle speed Control" in Online International Conference on Emerging trends in Engineering and Technology organized by Padian Saraswathi Yadav Engineering College, Sivagangai.

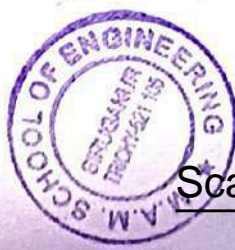
7. M.Chandrasekar, Department of Mechatronics Engineering had published a paper entitled "Smart Speed Breaking System for emergency vehicles by using RFID" in the virtual National Conference on Recent Advances in Communication Electronics" (NCRACE 2021) organized by SRM TRP Engineering College, Trichy.

#### 4.4. Patents registered by our faculties

1. Development of Surface Grinding Attachment in Automated Micro Lathe Operated by


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Remote Control is published in patent journal. The Patent Office Guindy, Chennai 600032. (Application No:2019410819).

2. Milling Attachment In Automated Miniature Lathe Machine Using Infrared Sensor is published in patent journal. The Patent Office Guindy, Chennai 600032. (Application No: 2019410821).

3. Dr. A.Punitha, had applied a patent on "AD-HOC NETWORK WITH INTEL GALILEO GEN2 BASED POWER DEMAND CONTROL" and is published in patent journal.

4. Dr. A.Punitha, had applied a patent on "AD-HOC NETWORK WITH INTEL GALILEO GEN2 BASED POWER DEMAND CONTROL" and is published in patent journal.


#### **4.5. OUR FACULTY AS RESOURCE PERSONS**

1. Dr.K.Chandrasekar delivered a lecture on "Optimization Techniques" at MAM School of Engineering, Trichy on 15.06.2020.

2. Dr.A.Punitha Delivered Lecture on Outcome Based Education (OBE) webinar organized by MAM School of Engineering Trichy.

3. 2. Dr.A.Punitha Delivered Lecture on New Educational Policy (NEP 2020) webinar organized by MAM School of Engineering Trichy.




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**4.6. FACULTY PARTICIPATION IN FACULTY DEVELOPMENT PROGRAM/WORKSHOP/SEMINAR.**

**Department of Aeronautical Engineering**

Title of the professional development programme	Number of teachers who attended	Date and Duration(from – to)
TCS ION	Dr.K.Chandrasekaran	02.05.2020-16.05.2020 [14 Days]
TCS ION	Mr.K.M.Sridhar	02.05.2020-16.05.2020 [14 Days]
TCS ION	Ms.V.Priyadarshini	02.05.2020-16.05.2020 [14 Days]
TCS ION	Ms.Jebapriyaadharshini	02.05.2020-16.05.2020 [14 Days]
Webinar on Tamilnadu students innovators 2021 in ANNA University, BIT campus.	Dr.K.Chandrasekaran	28.09.2020



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Developed INDIA & the youth vision of Dr.Kalam	Dr.K.Chandr asekaran	26.12.2020
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#### **Department of Computer Science and Engineering**

1. Ms.S.Murugavallias attended One day Faculty Development Program on “AI and Deep learning” at MAM college of engineering and technology

#### **Department of Electronics and Communication Engineering**


1. T.Ashok, P.Kavitha, K.Umarani, A.Karthick kumar,had Attended one week online Faculty Development program on Digital tools for teaching organized by Annamalai University from 12.05.2020 to 18.05.2020.
2. T.Ashok,P.Kavitha, K.Umarani,had Attended two weeks Online Course on “ Arts and Skills for Effective Teaching” from 25.05.20 to 06.06.20 at Saveetha Engineering College, Chennai.
3. P.Kavitha, K.Umarani, A.Karthick kumar, and k..Karthikeyan had Successfully completed online course Career Edge – Knockdown the Lockdown offered by TCS Ion
4. P.Kavitha had Participated in Online Contest (Ideathon / Presentation) IGEN Legendary Seminar series,the institution of GREEN engineers in association with 7 institution partners on 26thdec 2020

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5. Karthikeyan had Participated in 12 - days online training program (STTP) on "8051 Microcontroller and Industrial Automation" in National Institute of Technical Teachers Training and Research, Chennai, Dec 2020
6. Karthikeyan had Participated in six days online training program (STTP) on "Assessment in Engineering Education: A Pedagogical Approach" in velammal Institute of Technology, Chennai, Dec 2020.
7. Karthikeyan had Participated in six days online training program (STTP) on "Innovative Classifier Models for Image and Text using Tensorflow" in Sathyabama Institute of Science and Technology, Chennai, Dec 2020
8. Karthikeyan had Participated in Six days online short term training program (STTP) on "Ingraining Wisdom for Engineering the Education" in KIT-Kalaigarkarunanidhi Institute of Technology, Coimbatore, Tamilnadu, Nov 2020.
9. Karthikeyan had Participated in one day International Faculty development program on "Electric Vehicles on the Grid Challenges and Opportunities" in AarupadaiVeedu Institute Of Technology, May 2020
10. Karthikeyan had Participated in two days Faculty development program on "Future Trends In Electronics" in Dr.N.G.P. Institute Of Technology, May 2020





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11. Karthikeyan had Participated in one day International Faculty development program on "UAV Communication" in AarupadaiVeedu Institute Of Technology, May 2020
12. Karthikeyan had Participated in one day International Faculty development program on "Data Analytics & Tools" in AarupadaiVeedu Institute of Technology, May 2020
13. Karthikeyan had Participated in four days Faculty development program on "Artificial Intelligence" in Sridevi Women's Engineering College, Hyderabad, May 2020
14. Karthikeyan had Participated in workshop on Robotics and machine learning, Institute of science and Technology, MAY 2020
15. Karthikeyan had Participated in IGEN Legendary Seminar series, the institution of GREEN engineers in association with 7 institution partners on 6<sup>th</sup> dec 2020
16. Karthikeyan had Participated in Online Contest (Ideathon / Presentation) IGEN Legendary Seminar series, the institution of GREEN engineers in association with 7 institution partners on 26<sup>th</sup> dec 2020
17. Karthikeyan had Participated in webinar on Biology for Engineers Dr. Ambedkar institute of Technology, Bengaluru. 9<sup>th</sup> JAN 2021

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### Department of Electrical and Electronics Engineering

1. Mrs. M. Dharanidevi, Ms.K.Vinothini and Mr. A.Senthamaraikannan had attended two days Faculty Development Program on "Power electronics for renewable energy systems" at K. Ramakrishnan College of Engineering, Trichy from 27.12.18 to 28.12.18.
2. Mrs. M. Dharanidevi, Mr.M.Ranjithkumar and Mr. A.Senthamaraikannan had attended one day National Level Seminar on "Strategic Innovation Of Smart Grid Using IOT" at SRM TRP ENGINEERING COLLEGE, Trichy on 22.12.2018
3. Mr.M.Ranjithkumar had attended three days workshop on "Energy management and auditing with hands on training using power quality analyzer" at K. Ramakrishnan College of Engineering, Trichy

### Department of Mechanical Engineering

Title of the professional development programme	Number of teachers who attended	Date and Duration(from – to)
TCS ION	R.RAMANATHAN	02.05.2020-16.05.2020 [14 Days]
TCS ION	A.MOHANKUMAR	02.05.2020-16.05.2020 [14 Days]




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TCS ION	S.VENKATRAMAN	02.05.2020-16.05.2020 [14 Days]
TCS ION	M.VIMALKUMAR	02.05.2020-16.05.2020 [14 Days]

#### Department of Mechatronics engineering

1. Dr.A.Punitha of Mechatronics Engineering has actively participated in the webinar on "Technology transfer and Commercialization aspects for SME's" conducted during Celebration of World Intellectual Property Day 2021 on 26<sup>th</sup> April 2021 organized by Patent Information Centre,Tamilnadu State Council for Science and Technology,Chennai
2. Dr.A.Punitha of Mechatronics Engineering had attended three day Online Faculty Development Program on "Role of Teacher in Higher Education" on 08.03.2021 to 10.03.2021 at Global Education Centre (M.B.A) school of Business management,Hyderabad.
3. Dr.A.Punitha of Mechatronics Engineering had attended AICTE Sponsored Online Short term Training Program (Phase III) on "mmWave Antenna Design and Testing for Biomedical applications" on 16.12.2020 to 22.12.2020 at Rajalakshmi Institute of Technology, Chennai
4. Dr.A.Punitha of Mechatronics Engineering had attended One day Online Faculty Development Program on "Current Trends in 5G-Communication and Networks" on 18.11.2020 at Vel Tech Multi



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Tech Dr.R R Dr SR Engineering College Chennai.

5. Dr.A.Punitha of Mechatronics Engineering had attended Five days Online Faculty Development Program on "Evolving Trends in Communication and Networking" from 6.7.2020 to 10.7.2020 at St. Joseph College of Engineering, Chennai.

6. Dr.A.Punitha of Mechatronics Engineering had attended Two Weeks Online Faculty Development Program on "NAAC Assessment & Accreditation Process" from 6.7.2020 to 17.7.2020 at Shadan College of Engineering and Technology Telangana.

7. Dr.A.Punitha of Mechatronics Engineering had attended Online Faculty Webinar on "Sustainable Agriculture" on 25.8.2020 at IGEN Nobel Laureate Lecture Series.

8. Dr.A.Punitha of Mechatronics Engineering had attended One Weeks Online International Webinar on "Emerging Trends in Electronics, Communication and Information Technology" from 2.7.2020 to 7.7.2020 organized by JSS Academy of Technical Education, Noida.

9. Dr.A.Punitha of Mechatronics Engineering had attended Six Days Online Short term Training Program Series 1 on "Digital Forming Exploration with AI" from 2.11.2020 to 7.11.2020 organized by Vivekananda College for Women.


10. Dr.A.Punitha of Mechatronics Engineering had attended One Day Online Workshop on "Social Entrepreneurship, Swachhta & Rural Engagement" on 23.10.2020 organized by

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Mahatma Gandhi National Council of Rural Education, Department of Higher Education – Government of India.

11. Dr.A.Punitha of Mechatronics Engineering had attended One Day Online Short Course on "Learn to Design your own Solar Home System" on 12.8.2020 organized by Energy Swaraj Foundation, India.
12. Dr.A.Punitha of Mechatronics Engineering had attended active participation in "IGEN LEGENDARY SEMINAR 01 " on 26.12.2020 organized by The Institution of Green Engineers in association with 7 Institution partners, India.
13. M.Subapradha of Mechatronics Engineering had attended Virtual Conference on "IGEN Environthon 2020" on 8.8.2020 at The Institute of Green Engineers & Varun adithya Foundation.
14. M.Subapradha of Mechatronics Engineering had attended Webinar on "Tamilnadu State Innovators 2020" on 28.9.2020 organized by EDII-TNAIEDP Trichy Hub, University College of Engineering, BITCampus, AnnaUniversity, Tiruchirappalli.
15. M.Subapradha of Mechatronics Engineering had attended Five Days Online Faculty Development Program on "Cyber Security" from 28.5.2020 to 1.6.2020 organized by St.Mary's Group of Institutions Guntur




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16. M.Subapradha of Mechatronics Engineering had attended Five Days Online Faculty Development Program on "Digital Design-The Mission Impossible" from 20.7.2020 to 24.7.2020 organized by Saveetha Engineering College Chennai.
17. M.Subapradha of Mechatronics Engineering had attended Six Days Online Short Term Training Program (STTP) on "Ingraining Wisdom for Engineering the Education" from 30.11.2020 to 5.12.2020 organized by KIT- Kalaingar karunanithi Institute of Technology – Coimbatore.
18. M.Subapradha of Mechatronics Engineering had attended Online Faculty Webinar on "Sustainable Agriculture" on 25.8.2020 at IGEN Nobel Laureate Lecture Series.
19. M.Subapradha of Mechatronics Engineering had attended One Day Online Short Course on "Learn to Design your own Solar Home System" on 11.8.2020 organized by Energy Swaraj Foundation, India.
20. M.Subapradha of Mechatronics Engineering had attended Six Days Online Short Term Training Program (STTP) on "Assessment in Engineering Education – A Pedagogical Approach" from 16.11.2020 to 21.11.2020 organized by Velammal Institute of Technology – Chennai.
21. M.Subapradha of Mechatronics Engineering has actively participated in the





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webinar on “Technology transfer and Commercialization aspects for SME’s” conducted during Celebration of World Intellectual Property Day 2021 on 26<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.


22. M.Subapradha of Mechatronics Engineering has actively participated in the webinar on “ Indigenous SMEs and Intellectual Property” conducted during Celebration of World Intellectual Property Day 2021 on 28<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.

23. M.Subapradha of Mechatronics Engineering has awarded the certificate of achievement for the successful completion of “Python” conducted by GUVI on 24<sup>th</sup> April 2021.

24. S.Saravanan of Mechatronics Engineering had attended One Week Online Faculty Development Program on “Accreditation Work Flow management System - eNBA” from 4.8.2020 to 8.8.2020 at Shadan College of Engineering and Technology Telangana.

25. S.Saravanan of Mechatronics Engineering had attended Online Faculty Development Program on “Electric Vehicles” from 30.11.2020 to 4.12.2020 organized by University College of Engineering Villupuram.

26. S.Saravanan of Mechatronics Engineering had attended Online Faculty Development Program on “PLC Programming Industrial Applicaitons” from 27.7.2020 to 31.7.2020

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organized by NITTTR Chandigarh.

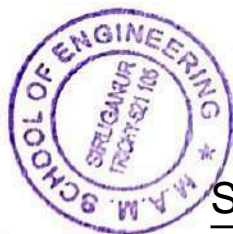
27. S.Saravanan of Mechatronics Engineering had attended Online Faculty Development Program on "Sensor Technology" from 7.12.2020 to 11.12.2020 organized by Thiagarajar Polytechnic College.

28. S.Saravanan of Mechatronics Engineering had attended Six Days Online Short Term Training Program (STTP) on "Assessment in Engineering Education – A Pedagogical Approach" from 16.11.2020 to 21.11.2020 organized by Velammal Institute of Technology – Chennai.


29. S.Saravanan of Mechatronics Engineering has actively participated in the webinar on "Technology transfer and Commercialization aspects for SME's" conducted during Celebration of World Intellectual Property Day 2021 on 26<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.

30. S.Saravanan of Mechatronics Engineering has actively participated in the webinar on "Indigenous SMEs and Intellectual Property" conducted during Celebration of World Intellectual Property Day 2021 on 28<sup>th</sup> April 2021 organized by Patent Information Centre, Tamilnadu State Council for Science and Technology, Chennai.

31. S.Saravanan of Mechatronics Engineering has participated in the Guest Lecture on





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“Digital Filter Design and its Applications” organized by Department of Electronics and Communication Engineering & Internal Quality Assurance Cell(IQAC) held on 21.4.2021

32. M.Chandrasekar of Mechatronics Engineering had attended One Day Online Short Course on "Learn to Design your own Solar Home System" on 12.8.2020 organized by Energy Swaraj Foundation, India.

33. M.Chandrasekar of Mechatronics Engineering had attended Virtual Conference on “IGEN Environthon 2020” on 8.8.2020 at The Institute of Green Engineers & Varun adithya Foundation.


34. M.Chandrasekar of Mechatronics Engineering had attended One Week Online Faculty Development Program on “Accreditation Work Flow management System - eNBA” from 4.8.2020 to 8.8.2020 at Shadan College of Engineering and Technology Telangana.

35. M.Chandrasekar of Mechatronics Engineering had attended Five Days Online Faculty Development Program on “Digital Design-The Mission Impossible” from 20.7.2020 to 24.7.2020 organized by Saveetha Engineering College Chennai.

36. M.Chandrasekar of Mechatronics Engineering had attended Online Faculty Webinar on “Sustainable Agriculture” on 25.8.2020 at IGEN Nobel Laureate Lecture Series.

37. M.Chandrasekar of Mechatronics Engineering had attended Webinar on



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“Tamilnadu State Innovators 2020” on 28.9.2020 organized by EDII-TNAIEDP Trichy Hub, University College of Engineering, BITCampus, Anna University, Tiruchirappalli.

38. M.Chandrasekar of Mechatronics Engineering had attended One Day Online Workshop on “Social Entrepreneurship, Swachhta & Rural Engagement” on 23.10.2020 organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education – Government of India.

39. S.Saravanan of Mechatronics Engineering had attended Two Day Online National Level Workshop on “Artificial Intelligence” on 30.4.2021 & 1.5.2021 organized by Pantech E Learning Chennai.


40. Dr.A.Punitha of Mechatronics Engineering had attended Two Day Online National Level Workshop on “Artificial Intelligence” on 30.4.2021 & 1.5.2021 organized by Pantech E Learning Chennai.

41. S.Saravanan of Mechatronics Engineering had attended Ten Days Online Faculty Development program on “Li Fi Technologies and Applications” from 13.4.2021 & 22.4.2021 organized by SRM Institute of Science and Technology Chennai.

#### 4.7. SPONSORSHIP FOR HIGHER STUDIES:

Management also encourages Faculty members to do Research and Higher studies by



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providing Sponsorship. Seven of our Faculty members are sponsored for pursuing their Ph.D course.


1. Mr.R.Ramanathan /Mech
2. P.Pavendan/Mech
3. Mr.A.Karthick Kumar/ECE

#### 5. TRAINING AND PLACEMENT

Training and placement cell is headed by our placement In-charge Mr. T. Ashok. Students had been trained on Personality Development, Career Development and Interview handling Skills by a deliberately skilled trainer. Also, they are trained to meet the Industrial needs and requirements by undergoing Technical and Aptitude Ability tests by experienced and skilled persons from various educational departments.

As on date 92 % of our final year students got placed in the following reputed core industries.

<b>M.A.M. SCHOOL OF ENGINEERING</b>							
<b>Placement Summary -2021</b>							
<b>Industry Name</b>	<b>Aero</b>	<b>CSE</b>	<b>EEE</b>	<b>ECE</b>	<b>Mech</b>	<b>Mecht</b>	<b>Total</b>

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UNITECH PLASTO COMPONENTS IND PVT LTD	4	0	0	0	5	2	11
MADRAS ENGINEERING INDUSTRIES PVT LTD	5	0	5	0	5	1	16
STEEL STRIPS WHEELS LTD	5	0	4	0	17	6	32
NATIONAL PLASTICS TECHNOLOGIES PVT LTD	2	0	1	0	17	10	30
HNI AUTOCOMPONENTS PVT LTD	0	0	1	0	7	3	11
EXIMIO SERVICES AND SOLUTIONS PVT LTD	2	11	4	12	2	0	31
TVR &VVR - RISING STAR INDIA MOBILE PVT LTD	0	0	6	13	3	2	24
PERFECT GEARS PRIVATE LTD	5	0	3	0	16	5	29


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TECH MAHINDRA	2	6	1	12	0	0	21
<b>Total</b>	25	17	25	37	72	29	205
<b>Student Strength</b>	23	23	17	17	54	23	157


#### 6. MEMORANDUM OF UNDERSTANDING (MoU)

Students are trained for Industry requirements through Inplant Training, Industrial Visit and other skill development training from Industrialists. Student's placement potential could also be improved.

Jointly with ICTACT, a design academy has been started in our campus to cater to the timely needs of the faculty and students with respect to technological developments.

List of organizations with which MoU's has been signed for this academic year.

1. Letz Connect, Chennai
2. Indo Shell, Coimbatore
3. Ministry of Labour & Employment (National Career Service), Chennai
4. Innate talent,
5. Alas Infotech, Trichy

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## 7. ENTREPRENEURSHIP DEVELOPMENT

Entrepreneurship Development Cell has been established by M.A.M. School of Engineering. Ever since its inception, the cell has embarked on its flagship programme of continuous innovative thinking in order to enhance the economy. The cell concentrates on the rural fronts so as to develop the potential of the rural youth and initiate their dreams come true.

## 8. SCHOLARSHIP

Every year our management is providing scholarship around Rs. 3 Lakhs to the meritorious and minority students.

## 9. EVENTS OF SIGNIFICANCE

### 9.1. CLUB ACTIVITIES

To promote social responsibilities among students community from various discipline, Red Ribbon Club (RRC) and Youth Red Cross (YRC), M.A.M. Muthamil kalaimandram, YOGA are running successfully. But this year, due to covid-19 these clubs are inactive.


## 10. COUNSELING AND VALUE EDUCATION

The student life is getting complex day by day. Guidance is needed to help the students for optimum achievement and adequate adjustment in the varied life situations. Need analysis of the

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students shows the need of Guidance and counseling services, in the education, profession, vocation, social, health, moral, personal-areas.


We provide Guidance and counseling which helps the students to have a better self-understanding and proper adjustment to self and society.

#### 11. ORIENTATION PROGRAMME FOR FIRST YEAR

For the first year students the following programs had been arranged


S.No	Name of the Programme	Resource Person	Date
1.	Fresher's Day 2020  (Virtual Inauguration of First Year Classes) Inauguration	Mr.Krishna Varadharajan, Chairman,  Idea Plus Business Solutions, Chennai	11.11.2020- FN
2.	Induction Programme on " Aayirathil Oruvan"	Mr.Krishna Varadharajan, Chairman,  Idea Plus Business Solutions, Chennai.	11.11.2020- AN




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3.	Induction Programme on "Successful Entry Point"	Exn.Mr.P.Mohan,Founder, Youth Exnora International	12.11.2020-FN
4.	Induction Programme on "Unnal Mudiyum"	Mr. M. Vivekananthan, Chairman, Moral Resources and Research Foundation	12.11.2020-AN
5.	Induction Programme on"Universal Human Values and Ethics"	Dr.Sakari, Former Vice-Principal,Cauvery College for Women,Trichy.	16.11.2021-FN
6.	Foundation class in Chemistry -Students Induction Programme - SIP 2020 As per AICTE Guidelines	Dr. P.Lilly Florence Professor/Chemistry MAMSE	16.11.2021-AN
7.	Induction Programme on"Transition to Transformation"	Dr.P.Sivakumar, KINESICS & PSYCHOLOGIST Founder & Director - MANASUKHA	17.11.2021-FN



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8.	Induction Programme on "Disruptive Leadership"	Dr.S.Rahini, Assistant Professor in MSW,  Bishop Heber College, Trichy	17.11.2021-AN
9.	Induction Programme on "EC made Easy"	Prof.G.Balakrishnan, Former Vice Principal, St. Joseph's College, Trichy.	18.11.2021-FN
10.	Foundation class in Physics - Students Induction Programme - SIP 2020 As per AICTE Guidelines	Dr. S. Berbeth Mary Assistant Professor/Physics  MAMSE	18.11.2021-AN
11.	Induction Programme on "Engineering 360°"	Mr.R.Bhaskaran, Managing Trustee, Trinity Plus Social Trust, Trichy.	19.11.2021-FN
12.	Foundation class in Mathematics - Students Induction Programme - SIP 2020 As per AICTE Guidelines	Mr. Kabilan  Assistant Professor/Maths  MAMSE	19.11.2021-AN

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13.	Induction Programme on "Keep Fit" (Physical Health and its related activities)	Dr.P.Mani, Assistant Professor in Physics, Anna University -BIT Campus, Trichy.	20.11.2021-FN
14.	Foundation class in Mathematics - Students Induction Programme - SIP 2020 As per AICTE Guidelines	Mr. Kabilan Assistant Professor/Maths MAMSE	20.11.2021-AN
15.	"One person can make a difference"	Dr. VR. Hari Balaji, Humanitarian and Development, Professional, Chennai	21.11.2021-FN
16.	Induction Programme on "Nil - Kavani - Sel"	Dr.Amalaruban, Professor in English, M.A.M.College of Engineering, Trichy	21.11.2021-AN







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### 12.Faculty presentations and publications:

Name of the Faculty	Department	No. of Participations	No. of Presentations	No. of Publications	Resource Person	Convenor
Dr. P. Lilly Florence	Chemistry	FDP-04  Conferences-01  Webinars-33	-	-	01	16
Mrs. F. Beulah Elizabeth	Chemistry	FDP-00  Conferences-01  Webinars-20	-	-	-	-

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Dr. S. Berbeth Mary	Physics	FDP-03 Conferen ces-04 Webinar s- 15	04	01	01	
Mrs. K. Nageswary Rosy	Maths	FDP-03 Conferen ces-00 Webinar s- 05	-	-	-	
Ms. C. Meena	Maths	FDP-17 Conferen ces-09 Webinar s- 34	-	-	-	

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Mrs. Asraf Banu	English	FDP-00 Conferences-01 Webinars-04	-	-	-	-
Mrs. T. Sinduja	English	FDP-00 Conferences-00 Webinars-03	-	-	-	-

### 13.EXTRA CURRICULAR ACTIVITIES-SPORTS


Our College has men teams for Basketball, Badminton, Cricket, Football, Volleyball, Kabaddi, and Athletics, Chess and women teams for Badminton, Chess, Volleyball and Athletics. These students were very well encouraged to take part in the Anna University of Technology, Chennai, Zone-14 tournaments and Tamil Nadu Inter Engineering Sports (TIES).

  
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**PRINCIPAL**

  
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## Annual Report 2019-2020


### DEPARTMENTS:

Our college has 6 Departments in UG (AERO, CSE, ECE, EEE, MECH,MECHT) and 2 PG programmes(PED and CIM)with the students 'strength: 718

### 1. BASIC INFRASTRUCTURE FACILITY

The sprawling College Campus is spread over 11.47 acres of Greenery with a built up area of more than 1 Lakhsq.ft. The Class room and Seminar hall area is 27,091 sq.ft.,laboratory area is 47,275 sq.ft.And other amenities are 26,279 sq.ft. The investment made so far in building alone is20 crores.

We got an extraordinary Campus with green, eco-friendly and well ventilated classrooms, expansive corridors, a central library, modernized computer lab with LAN Network and Wi - Fi facilities. Extended labs installed with modernized equipments, Machineries, safety measures and latest gadgets in all departments, besides separate well maintained laboratories by the Department of Science & Humanities.

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We have a seminar hall and a smart class room for learning and training with a capacity to accommodate nearly 450 students. We have separate hostel facilities for Boys and Girls with purified RO drinking water, ventilated and spacious rooms. We are providing highly hygienic and nutritious food to make the students feel homely. We have a well managed dispensary in case of any emergency needs of the students.


## 2.1. TRANSPORT FACILITIES

Ample number of college buses are operated for the students to arrive at the college on time. College buses are operated in all the directions covering 60km radius to increase the comfort level of students during the peak hours.

## 2.2. LIBRARY

The college has an excellent Central Library, located in a spacious building of 534 sq.m. area with a peaceful reading hall for the benefit of students, faculty and research community. The library has a rich collection of books covering various branches of Engineering, Science, Humanities and related fields. The library has more than 18,750 volumes of books consisting of 4088 titles. The library subscribes to 52 National and 46 International journals and there are about 369 back volumes. The



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Reference section of the Library has large collection of International editions of Reference books, Handbooks, Conference proceedings, Encyclopedias and various reference documents. Well stocked and updated library includes books for various Competitive examinations like GATE, TOEFL, AMCAT and other Government examinations. Our Library also has subscribed to e-journals of DELNET. The library is kept open from 9.00 am to 9.00 pm including holidays for the benefit of the students. 5165 Book Bank facilities are also available in library for SC/ST Students.


### 2.3 .FACULTY MEMBERS

We have got fully dedicated teams of highly qualified, proficient teachers with a total count of 90, as per AICTE Norms. They adapt innovative teaching practices to make learning more interesting. They extend supplementary coaching to late bloomers.

## 2. SPECIAL PRESTIGIOUS AWARDS FOR OUR INSTITUTION

1. Our College was awarded with KALVI SEVAI award for the best engineering in the year 2018-19 by SSG TV.



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2. Our College was awarded with AICTE CII- Institution Gold Rating for the year 2018.

### 3. ACADEMIC PERFORMANCE


We are proud to keep our Institution well ahead of others through conducting Continuous Internal Assessment Tests and Model exams prior to facing University examinations and thereby marching towards the best results in the University examinations.

#### 4.1 UNIVERSITY EXAM RESULTS BY FACULTY:

During April/May 2018 and November/December 2018, our faculty members produced 100% result in 13 subjects and above 85% in more than 24 subjects. On this gracious occasion, I take esteemed pleasure in congratulating all the faculty members who have been consistently doing it.

#### 4.2 GRADUATION DAY

5<sup>th</sup> Graduation day was organized by M.A.M. School of Engineering on 8<sup>th</sup> September 2018. Dr. R. Srinivasan, Member Secretary, TNSCST – Chief Guest of the ceremony gave the degree stressed upon the innovative methods, knowledge oriented learning

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culture and the role of TNSCST in education, which was not only an eye opener to the graduands but also the teaching fraternity of M. A. M. S. E.

#### 4.3. UNIVERSITY EXAM TOPPERS BY STUDENTS:

We are very happy and highly proud to announce the names of the achievers in university examinations.


##### DEPT : AERO

YEAR	RANK	APR/ MAY 2019	CGPA	NOV/DEC 2019	CGPA
IV YEAR	1	T.Indira	8.2	T.Indira	8.2
	2	V. Pooja	8.2	V. Pooja	8.1
III YEAR	1	P. Palanisamy	7.2	P. Palanisamy	7.3
II YEAR	1	-	-	R.Nadhakumar	7.2

##### DEPT : CSE

YEAR	RANK	APR/MAY 2020	CGPA	NOV/DEC 2019	CGPA
IV YEAR	1	N. Firthous Banu	8.2	X.Reka	8.0
	2	X.Reka	7.73	S.Abinaya	7.5
III YEAR	1	Manjula M	7.0	Nil	Nil
	2	Nil	Nil	Nil	Nil
II YEAR	1	Pavithra A	7.2	Pavithra A	7.5
	2	Pooja G	7.0	Preethika S	7.1



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**DEPT : EEE**

YEAR	RANK	APR/ MAY 2019	CGPA	NOV/DEC 2019	CGPA
IV YEAR	I	KARTHI	6.23	KARTHI	7.1
	II				
III YEAR	I	ABDUL RHAHUMAN	7.1	ABDUL RHAHUMAN	7.3
	II	DIVYA V	6.8	DIVYA V	7.0
II YEAR	I	NVEEN KUMAR K	6.6	NVEEN KUMAR K	6.9


**DEPT : MECH**

YEAR	RANK	APR/ MAY 2019	CGPA	NOV/DEC 2019	CGPA
IV YEAR	1	NAVEEN KUMAR K	8.78	NAVEEN KUMAR K	8.91
	2	MUTHUKUMAR M	84.5	MUTHUKUMAR M	86.25
III YEAR	1	KARTHIKEYAN.R	82.5	KARTHIKEYAN.R	85.36
		SHALINI PRIYA S	78.52	SHALINI PRIYA S	81.63
II YEAR	1	SIVASANKAR .V	81.5	SIVASANKAR .V	83.45
		BHARATHIRAJA .B	80.56	BHARATHIRAJA .B	81.25


**DEPT: MECHATRONICS ENGINEERING**

YEAR	RANK	APR/MAY 2019	CGPA	NOV/DEC 2019	CGPA
IV YEAR	1	Muthuprakash M	7.8	Manisha M	7.66
	2	Wilfred Paul Raj J	7.6	Balamurugan G	7.16
III YEAR	1	-	-	Mohammed Nowful N	8.21
	2	-	-	Sowndarya L	7.5
II YEAR	1	Mageswaran N	7.8	Ajay A	7




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## **Mechatronics Engineering**

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<b>Akash V</b>	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
<b>Anupriya C</b>	Quiz, Online course, quiz,webiner	COVID -19 combatant. Career edge- Knockdown the Lockdown. online math quiz.Basic mechanical engg. Thermodynamics. The things need to learn about space and opportunities on space.	30 Apr - 08 May, 2020 11-05-2020 24-05-2020 5-6-2020 28-5-2020 9-6-2020	Vinayaka Mission Research Foundation. TCS ion K.Ramakrishna college Tech . Swarnandhra college engg and tech Mohamed sathak AJ College of Engg. Periyar maniammai university
<b>Arun Kumar M</b>	Quiz, Online course	COVID -19 combatant Career edge- Knockdown the Lockdown	11-05-2020 30 Apr - 08 May, 2020	Vinayaka Mission Research Foundation. TCS ion
<b>Chandru S</b>	Quiz, Online course	COVID -19 combatant Career edge- Knockdown the Lockdown	11-05-2020 30 Apr - 08 May, 2020	Vinayaka Mission Research Foundation. . TCS ion
<b>Dinesh Kumar A</b>	Quiz, Online course	COVID -19 Pandemic general Awareness Quiz Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020 11-05-2020	Chandigarh group of colleges. TCS ion
<b>Guruprasath G</b>	Quiz, Online course	COVID -19 combatant Career edge- Knockdown the Lockdown	11-05-2020 30 Apr - 08 May, 2020	Vinayaka Mission Research Foundation. TCS ion
<b>Madhiazhagan P</b>	Quiz, Online course	COVID -19 combatant Career edge- Knockdown the Lockdown	11-05-2020 30 Apr - 08 May, 2020	Vinayaka Mission Research Foundation. TCS ion
<b>Nandhakumar R</b>	Webinar	Lockdown diaries	5/16/2020	M.A.M School of engineering, Trichy.
<b>Nizar Ahamed S A</b>	Quiz Webinar Online course	COVID -19 Pandemic general Awareness Quiz Career edge- Knockdown the Lockdown The power of you Lockdown diaries	11-05-2020 30 Apr - 08 May, 2020 16-05-2020	Chandigarh group of colleges. T ion.Sky Campus. M.A.M School of engineering, Trichy.
<b>Peter M J A</b>	Quiz	COVID -19 combatant	4/9/2020	Vinayaka Mission Research Foundation.
<b>Praveen Kumar A</b>	Quiz	COVID -19 combatant Thermodynamics	11-05-2020 28-05-2020	Vinayaka Mission Research Foundation. Mohamed sathak AJ College of Engg

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**Visvakarma 2019 – 1 Applied**

S.No	Title of Project	Dept.	Students Member	Faculty Coordinator	Amount
1	Smart Grid Deployment in Digital Meter and Theft Control using Internet of Things	Mechatronics	K.Gowsalya A.Abinaskumar R.Arunkumar	Ms.Deepika J	Rs.7500/-

#### 4.6. STUDENTS ACHIEVEMENTS

##### 4.6.1 AWARDS&CERTIFICATION IN SYMPOSIUM/CONFERENCE/WORKSHOP

#### Department of Aeronautical Engineering

<b>K.Abdul Rahman</b>		COVID -19 Combatant	6/1/2020	Vinayaka Missions Research Foundations	Quiz Online course	COVID -19 combatant COVID -19 Pandemic general Awareness Quiz Career edge-Knockdown the Lockdown	11-05-2020 30 Apr - 08 May, 2020	Vinayaka Mission Research Foundation. Chandigarh group of colleges. TCS ion
	Webinar	Role of Business Incubation centres in promoting entrepreneurship	6/1/2020	University College of Engineering – BIT Campus				
<b>M. Abirami</b>	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion				
		COVID -19 Combatant	6/1/2020	Vinayaka Missions Research Foundations				



	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
<b>V.Ajith Kumar</b>	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
		COVID -19 Combatant	6/1/2020	Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Webinar	Role of Business Incubation centres in promoting entrepreneurship	6/1/2020	University College of Engineering – BIT Campus
	Webinar	Development of deep learning Architecture	5/25/2020	IETE, Mumbai.
	Quiz	COVID- 19	6/1/2020	My Gov
	Quiz	The Ayush Sanjivani quiz		Ministry of Ayush and My Gov
<b>M.Arun Kumar</b>	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
<b>R. Charulatha</b>		COVID -19 Combatant	6/1/2020	Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
<b>P. Divya</b>	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
		COVID -19 Combatant	6/1/2020	Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges



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	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Key to Success	5/27/2020	ICT Academy
R. Jayaprakash	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
		COVID - 19 Combatant		Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
S. Kaviya		COVID - 19 Combatant	4/9/2020	Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Slogan writing	SPARK 2020	4/28/2020	M.A.M School of Engineering, Trichy.
P. Palanisamy	Webinar	Optimization Techniques	6/4/2020	ACS College of Engineering, Bangalore.
	Online course	Career edge-Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
		COVID - 19 Combatant	4/9/2020	Vinayaka Missions Research Foundations
	Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	Webinar	Key to Success	5/27/2020	ICT Academy
	Quiz	COVID- 19		My Gov




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	Webinar	Introduction to Industry 4.0	6/8/2020	Dhaanish Ahmed College of Engineering
	Quiz	COVID -19	5/29/2020	Malla Reddy Institute of engg. And tech.,
	Webinar	You can do it	5/20/2020	ICT Academy
	Webinar	Aircraft Mechanical Systems		SRM TRP engineering college, Trichy.
	Quiz	Traditional Medicines and COVID- 19	4/9/2020	J.J College of Arts and Science, Pudukottai.
	Quiz	Heat and Mass transfer	5/27/2020	Mount Zion College of Engg., and tech.,
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Poster Presentation	SPARK 2020	4/28/2020	M.A.M School of Engineering, Trichy.
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Quiz	Space quiz		My Gov and ISRO
K. Pasupathi	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
R. Pradeepan	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
M. Prasanth	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
Ajahan	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
		ID -19 Combatant	2020	yaka Missions earch Foundations
		ID - 19 Pandemic al awareness	2020	digarh Group of leges





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		seminar	Elements of Industry	2020	M.A.M. School of Engineering, Trichy.
		Webinar	You can do it	5/20/2020	ICT Academy
	P. Sarathbabu	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
			COVID -19 Combatant	4/9/2020	Vinayaka Missions Research Foundations
		Quiz	COVID - 19 Pandemic general awareness quiz	4/9/2020	Chandigarh Group of Colleges
	P. Sounthirarajan	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
			COVID -19 Combatant	4/9/2020	Vinayaka Missions Research Foundations
		Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	P. Thanish	Online course	Career edge- Knockdown the Lockdown	30 Apr - 06 May, 2020	TCS ion
	R. Yuvashri		COVID -19 Combatant	4/9/2020	Vinayaka Missions Research Foundations

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Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category	Name of the Awardee	Designation/Year of Study of Awardee
Best Student	T.Indira	Dr.Kalam Educational Trust for Tribal.	15.10.2019	National Level Award for the Best Academic Researcher-2019 in Dr.Kalam Educational Trust for Tribal.	Dr.Kalam Educational Trust for Tribal.	4


### Department of Computer Science Engineering

1. M.Thangamhadattended 5 days Workshop in Kaashiv Info Tech, Trichy.
2. S.Mohamed Yasar had attended 5 days Workshop in Kaashiv Info Tech, Trichy.
3. M.Sowmiya had attended 5 days Workshop in Pantech Solutions, Trichy.
4. A.Havisha Monal had attended 5 days Workshop in Pantech Solutions, Trichy.
5. R.Ramya had attended 5 days Workshop in Pantech Solutions, Trichy.

### Department of Electronics and Communications Engineering


1. N.Gayathri of Final Year had published a paper on "Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology" , in International Journal of Information and Computing Science, Volume 7, Issue 6,June 2020




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2. A.Karthik of Final Year had published a paper on “Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology”, in International Journal of Information and Computing Science, Volume 7, Issue 6, June 2020
3. P.M.Santhya of Final Year had Published a paper on “IoT enabled economic human safety for co emission constraints with self-alert system”, in International Journal of Information and Computing Science, Volume 7, Issue 6, June 2020
4. N.Sathya of Final Year had Published a paper on “IoT enabled economic human safety for co emission constraints with self-alert system”, in International Journal of Information and Computing Science, Volume 7, Issue 6, June 2020
5. All the Second, Third and Final year students had successfully completed Career Edge- Knockdown the Lockdown online course offered by TCS ION.
6. All the Second Year students had attended a Value Added Course on “Innovative Electronics “ from 25.07.19 to 27.07.19.
7. All the third year students had attended a Value Added Course on “Introduction to IOT” from 23.08.19 to 25.08.19



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8. Vudutha Dhanapriya , Jency Elakiya.A of third year had presented a paper on “ Nano Technology” in the Symposium at AVS College of Engineering and Technology,Salem
9. S.Subha,, K.Sumathi of third year had presented a paper on “OLED” in the Symposium at AVS College of Engineering and Technology,Salem
- 10.K.Sumathi, Jency Elakiya.A, Vudutha Dhanapriya, S.Subha of Third year won first prize in ADZAP on the title ”New FM radio” in the Symposium at AVS College of Engineering and Technology,Salem
- 11.M.Madhumitha of Final year had participated in “Tamilnadu Ilam Inovators Challenge-2019” organized by EDII-TN on 26-8-19..
- 12.A.Karthik of Final year Participated in “MIME” competition and won the II prize in Trichy Engg College
- 13.S.Kasthuri, Vudhtha Dhanapriya and Jency Elakkiyaof Third year have participated in Elocution,Essay and Quiz at Institution of Engineer,Trichirappalli Local centre.

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14.M.Madhumitha,S.Priyadharshini, D.Subhashini, Abarna R, Brashela Shiny S,

Dharshinidevi K , Sowmiya Vindhiya R, Sowmiya N had participated in a Rally

for International Drug Abuse organized by Youth Exnora

#### Department of Electrical and Electronics Engineering

Name of the	Category	Title of the innovation	Date	Awarding Agency
Awardee	MIME	COVID -19 combatant. Career edge- Knockdown the Lockdown. online math quiz.Basic mechanical engg. Thermodynamics. The things need to learn about space and opportunities on space.	29.08.2019 to 31.08.2022	Trichy Engineering College
K.Ragul dravid	MIME	COVID -19 combatant Career edge- Knockdown the Lockdown	29.08.2019 to 31.08.2022	Trichy Engineering College
Abubacker Siddique.M	MIME	COVID -19 combatant Career edge- Knockdown the Lockdown	29.08.2019 to 31.08.2022	Trichy Engineering College
M.Naveenkumar	MIME	COVID -19 Pandemic general Awareness Quiz Career edge- Knockdown the Lockdown	29.08.2019 to 31.08.2022	Trichy Engineering College
P.Rajarajan	MIME	COVID -19 combatant Career edge- Knockdown the Lockdown	29.08.2019 to 31.08.2022	Trichy Engineering College
K.Naveenkumar	Mimicry	COVID -19 combatant Career edge- Knockdown the Lockdown	29.08.2019 to 31.08.2022	Trichy Engineering College

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2. Mohamed Ithyas.I, Mohammed Hussain.M.R of III year and Abdul Latiff.Sof II year had awarded for “Best Students Project” by Dr.Kalam Educational trust for Tribals (15.10.2019).
3. Mohamed Ithyas.I of III year, Rajeshkannan R of II year, Shakil Ahmed of I year Won Second Prize in Line Follower Event, in National Level Technical Symposium organized by National Institute of Technology - Trichy (16.2.2020).
4. Rajeshkannan R, Ahmed Faisal A, Laluprashanth A of II year, Won Second Prize in Project Expo, in National Level Technical Symposium “Hertz 20” organized by CARE Group of institutions - Trichy (19.2.2020 &20.2.2020).
5. Abdul Latiff S of II year, Won Second Prize in Troll Hunt Event , in National Level Technical Symposium “Hertz 20” organized by CARE Group of institutions - Trichy (19.2.2020 &20.2.2020).
6. Abdul Latiff S of II year, Shakil Ahmed of I Year Won Second Prize in Quiz Event , in National Level Technical Symposium “Hertz 20” organized by CARE Group of institutions - Trichy (19.2.2020 &20.2.2020).





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Title of the innovation	Name of the Awardee		Awarding Agency	Date of Award	Category	Name of the Awardee	Designation of Awardee
	Best project	Awardee					
Gyroscopic effect on Disc	Best project	Project Expo-2020	16.09.2019	Mechanical	Akalya K Akthar Ahamed S	III Year	
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category	Name of the Awardee	Designation of Awardee	
	Awardee	Agency					
Gyroscopic effect on Disc	Best project	Project Expo-2020	16.09.2019	Mechanical	AKALYA K AKTHAR AHAMED S	III Year	


## Department of Mechatronics Engineering

1. Around 52 students of Mechatronics Engineering Department has successfully completed the 15 Days (1.5.2020 to 15.5.2020) Online course on "Career Edge-Knockdown the Lockdown" conducted by Tata Consulting Service - TCS ION.

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7. Abdul Latiff S, Laluprashanth A of II year Won Second Prize in Debug Your Mind Event , in National Level Technical Symposium “Hertz 20” organized by CARE Group of institutions - Trichy (19.2.2020 &20.2.2020).
8. Abdul Latiff S, Ahmed Faisal A, Jenith Kumar B of II year Won First Prize in Robo War Event , in National Level Technical Symposium[KRANTI 2020] organized by SRM TRP Engineering College - Trichy (13.2.2020 )
9. Abdul Latiff S, Ahmed Faisal A, Jenith Kumar B of II year Won First Prize in Tech Click Event , in National Level Technical Symposium[KRANTI 2020] organized by SRM TRP Engineering College - Trichy (13.2.2020 )
- 10.Abdul Latiff S, Ahmed Faisal A, Jenith Kumar B of II year Won Third Prize in MEME Coders Event , in National Level Technical Symposium [KRANTI 2020] organized by SRM TRP Engineering College - Trichy (13.2.2020 ).
- 11.Abdul Latiff S, Ahmed Faisal A, of II year Won First Prize in Project Expo Event , in National Level Technical Symposium[TECHNOVANZA 2019] organized by University College of Engineering - Ariyalur (27.9.2019 )



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**12.**Abinas Kuamr A, Arunkumar R of IV year had published papers entitled

“Investigation of process parameter in wire EDM for Inconel 603xl” in the International Conference organized by Kongunadu College of Engineering and Technology Namakkal. (23.05.2020).

**13.**Balamurugan G, Gunaseelan S of IV year had published papers entitled “Investigation on Welding Arameters for AISI304 Dissimilar Metal Weld In Chemical Industry” in the National Conference organized by Er. Perumal Manikkam College of Engineering Hosur (2.03.2020).

**14.**Kowsalya K, Elangathir M of IV year had published papers entitled “Optimization Machining parameter for ENIB Aerial CRCNES” in the National Conference organized by Er. Perumal Manikkam College of Engineering Hosur (2.03.2020).

**15.**Manisha M, Mugeshkumar B, Muralidharan M of IV year had published papers entitled “Optimization process for HANSON Robot IN CNC Using Durability Function Analysis” in the National Conference organized by Er. Perumal Manikkam College of Engineering Hosur (2.03.2020).

**16.**Sankar B, Tamilselvan K, of IV year had published papers entitled “Analysis of Pulse ON Time on hole size Radial overcut super martensitic stainless steel” in the





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	Online course	Career edge- Lockdown	Knockdown the	30 Apr - 08 May, 2020	TCS ion
J. Maniarasan	Webinar	You can do it	Knockdown the	5/20/2020	Sky Campus
	Online course	Career edge- Lockdown	Knockdown the	30 Apr - 08 May, 2020	TCS ion
		COVID -19 combatant			Vinayaka Mission Research Foundation.
	Webinar	Lockdown diaries		5/16/2020	M.A.M School of engineering, Trichy.
M. Mariyal	Webinar	The power of you		5/11/2020	Sky Campus
	Online course	Career edge- Lockdown	Knockdown the	30 Apr - 08 May, 2020	TCS ion
	Quiz	COVID -19 Pandemic Awareness Quiz	general	4/9/2020	Chandigarh group of colleges.
	Poster presentation	COVID -19 combatant			Vinayaka Mission Research Foundation.
T. Indira	Webinar	A National level online event to create awareness about COVID-19		4/28/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries		5/16/2020	M.A.M School of engineering, Trichy.
	Quiz	COVID -19 Pandemic Awareness Quiz	general	4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant			Vinayaka Mission Research Foundation.
V. Pooja	Webinar	Application of space technology in our day to day life		5/19/2020	Sri Venkateswara College and tech Sripurumputhur.
	Online course	Career edge- Lockdown	Knockdown the	30 Apr - 08 May, 2020	TCS ion
	Webinar	Emerging technologies Redefining Automotive industry		5/21/2020	Sri Venkateswara College and tech Sripurumputhur.
	Webinar	You can do it		5/20/2020	Sky Campus
V. Pooja	Webinar	Lockdown diaries		5/16/2020	M.A.M School of engineering, Trichy.
	Webinar	The power of you		5/11/2020	Sky Campus



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International Conference organized by Kongunadu College of Engineering and Technology Namakkal (23.05.2020).

17.Vaitheeswari V, Vijayakumar K, Vinithkumar K of IV year had published papers in the International Conference organized by St.Joseph College of Engineering Chennai (20.02.2020).

#### 4.7 CULTURALEVENTS

#### 4.8 Department of Aeronautical Engineering

	Webinar	Lockdown diaries	5/16/2020	5/11/2020	M.A.M School of engineering, Trichy.
T. Indira	Webinar	The power of you		5/11/2020	Sky Campus
	Quiz	COVID -19 Pandemic general Awareness Quiz		4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant			Vinayaka Mission Research Foundation.
	Webinar	Application of space technology in our day to day life		5/19/2020	Sri Venkateswara College and Sripurumputhur.
	Online course	Career edge- Knockdown the Lockdown		30 Apr - 08 May, 2020	TCS ion
	Webinar	Emerging technologies Redefining Automotive industry		5/21/2020	Sri Venkateswara College and Sripurumputhur.
V. Pooja	Webinar	You can do it		5/20/2020	Sky Campus
	Webinar	Lockdown diaries		5/16/2020	M.A.M School of engineering, Trichy.
	Webinar	The power of you		5/11/2020	Sky Campus
	Quiz	COVID -19 Pandemic general Awareness Quiz		4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant			Vinayaka Mission Research Foundation.

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Saravanan.S	Singing	Lockdown diaries	29.08.2019 to 31.08.2022	Trichy Engineering College
Muthuselvan T	Quiz	COVID -19 Pandemic general Awareness Quiz Career edge-Knockdown the Lockdown The power of you Lockdown diaries	04.03.2020	Periyar Maniamma Institute of Science & technology
Vishnu P	Quiz	COVID -19 combatant	04.03.2020	Periyar Maniamma Institute of Science & technology
Rabin P	Quiz	COVID -19 combatant Thermodynamics	04.03.2020	Periyar Maniamma Institute of Science & technology
Mohammed Tajudeen B	Quiz	COVID -19 combatant	04.03.2020	Periyar Maniamma Institute of Science & technology

### Department of Mechanical Engineering

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category	Designation/Year of Study Awardee	
					Name of the Awardee	
Gyroscopic effect on Disc	Best project	Project Expo-2020	16.09.2019	Mechanical	AKALYA K AKTHAR AHAMED S	III Year Mechanical





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J. Maniarsan	Quiz	COVID -19 Pandemic general Awareness Quiz	4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant		Vinayaka Mission Research Foundation.
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
	Webinar	You can do it	5/20/2020	Sky Campus
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
		COVID -19 combatant		Vinayaka Mission Research Foundation.
	Webinar	Lockdown diaries	5/16/2020	M.A.M School of engineering, Trichy.
	Webinar	The power of you	5/11/2020	Sky Campus
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
	Quiz	COVID -19 Pandemic general Awareness Quiz	4/9/2020	Chandigarh group of colleges.
J. Mariyal		COVID -19 combatant		Vinayaka Mission Research Foundation.
	Poster presentation	A National level online event to create awareness about COVID- 19	4/28/2020	M.A.M School of engineering, Trichy.

T. Indira	Webinar	Lockdown diaries	5/16/2020	M.A.M School of engineering, Trichy.
	Webinar	The power of you	5/11/2020	Sky Campus
	Quiz	COVID -19 Pandemic general Awareness Quiz	4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant		Vinayaka Mission Research Foundation.



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	Webinar	Application of space technology in our day to day life	5/19/2020	Sri Venkateswara College technology, Sriperumputhur.
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
	Webinar	Emerging technologies Redefining Automotive industry	5/21/2020	Sri Venkateswara College technology, Sriperumputhur.
	Webinar	You can do it	5/20/2020	Sky Campus
V. Pooja	Webinar	Lockdown diaries	5/16/2020	M.A.M School of engineering, Trichy
	Webinar	The power of you	5/11/2020	Sky Campus
	Quiz	COVID -19 Pandemic general Awareness Quiz	4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant		Vinayaka Mission Research Foundation
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
	Webinar	You can do it	5/20/2020	Sky Campus
J. Maniarasan	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
		COVID -19 combatant		Vinayaka Mission Research Foundation
J. Mariyal	Webinar	Lockdown diaries	5/16/2020	M.A.M School of engineering, Trichy
	Webinar	The power of you	5/11/2020	Sky Campus
	Online course	Career edge- Knockdown the Lockdown	30 Apr - 08 May, 2020	TCS ion
	Quiz	COVID -19 Pandemic general Awareness Quiz	4/9/2020	Chandigarh group of colleges.
		COVID -19 combatant		Vinayaka Mission Research Foundation
	Poster presentation	A National level online event to create awareness about COVID-19	4/28/2020	M.A.M School of engineering


Department of EEE

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50	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	13 /6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Elctrical system onboard ship	2/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Embeded systems across industries	9/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Live Line Washing and Maintenance of Overhead Line	16 / 7/2020	M.A.M School of engineering, Trichy.
	Webinar	Jobs in Abroad	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy.
	Workshop/Seminar	Electrical Drives and Control	25.06.2019	M.A.M School of engineering, Trichy.
	Workshop/Seminar	HVAC System	02.07.2019	M.A.M School of engineering, Trichy.
	Workshop/Seminar	Industrial Automation	09.07.2019	M.A.M School of engineering, Trichy.
	Workshop/Seminar	Career Development for Engineer	06.08.2019	M.A.M School of engineering, Trichy.
	Workshop/Seminar	How to score more marks in competitive exams	07.01.2020	M.A.M School of engineering, Trichy.
	Workshop/Seminar	Lecture on Innovation and Creativity	24.01.2020	M.A.M School of engineering, Trichy.
	Workshop/Seminar	Power Semiconductor Interfacing Embedded and Internet	04.02.2020	M.A.M School of engineering, Trichy.




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#### 4.7. VALUE ADDED PROGRAMMES

Students were actively engaged in a Real-time based Mini Project to stimulate their mind and flourish their Innovative Research ideas. Also they are encouraged to take part in Seminars, Paper presentation, In-plant training, Association activities, Industrial visits, Training programs and Special lecture programs and so on.

- So far nearly 200 students participated in Seminars and Paper presentations.
- Nearly 60 Guest Lecture programs had been arranged for the students and staffs in various departments
- Value added Course on AutoCAD Inventor was conducted for II year students of MECH, AERO from 25.06.2019 to 30.06.2019 along with Alpha CAD, Chennai
- Value added Course on Creo was conducted for IV year students of MECH & AERO from 25.06.2019 to 30.06.2019 along with Alpha CAD, Chennai.
- Value added Course on AutoCAD Inventor was conducted for II year students of MECH, AERO from 18.02.2020 to 28.02.2020 along with Alpha CAD, Chennai
- Value added Course on Creo was conducted for IV year students of MECH & AERO from 18.02.2020 to 28.02.2020 along with Alpha CAD, Chennai.



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- Value added Course on Introduction to IoT – was conducted for III year students of CSE, ECE, & EEE on 14.09.2019 & 25.09.2019 along with Be Positive Institute for Skilling India Pvt Ltd (BPIS), Trichy.
- Value added Course on Innovative Electronics was conducted for second year students of ECE, EEE and CSE from 25.07.19 to 27.07.19 in association with Lift Technology, Trichy.
- Value added Course on was conducted for all third year students of ECE, EEE and CSE on “Introduction to IOT” from 23.08.19 to 25.08.19

Students were actively engaged in a Real-time based Mini Project to stimulate their mind and flourish their Innovative Research ideas. Also they are encouraged to take part in Seminars, Paper presentation, In-plant training, Association activities, Industrial visits, Training programs and Special lecture programs and so on.

- So far nearly 19 students participated in Innovative electronics course.
- So far nearly 17 students participated in Introduction to IOT course
- Field Projects on Operation of bidirectional series resonant with tank current ZVS Range 2 No. of students enrolled
- Field Projects on Flexible communication of SVC/ CGCI for active power and non active power compensation 2 No. of students enrolled
- Field Projects on An Unity Inverter Without Transformer For Grid Connected




- Field Projects on Optimal design method of IBC PFC for improving efficiency from switching frequency2 No. of students enrolled
- Field Projects on Noe Slluo converter2 No. of students enrolled
- Multi - Resonant converters for improved dual - frequency induction heating 2 No. of students enrolled
- Field Projects on Design and Hardware Implementation considerations of modified multilevel cascade H- Bridge inverter for photovoltaic system2 No. of students enrolled
- Field Projects on 3-Ø Single stage isolated buck based PF converter2 No. of students enrolled
- Field Projects on An enhanced power quality switched mode power supply using buck boost converter2 No. of students enrolled
- Field Projects on A Power factor corrected LLC resonant converter for electrical vehicle charging with CCM Controller2 No. of students enrolled

Students were actively engaged in a Real-time based Mini Project to stimulate their mind and flourish their Innovative Research ideas. Also they are encouraged to take part in Seminars, Paper presentation, In-plant training, Association activities, Industrial visits, Training programs and Special lecture programs and so on.

- So far nearly 200 students participated in Seminars and Paper presentations.






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- Nearly 60 Guest Lecture programs had been arranged for the students and staffs in various departments
- Value added Course on AutoCAD Inventor was conducted for II year students of MECH, AERO from 25.06.2019 to 30.06.2019 along with Alpha CAD, Chennai
- Value added Course on “AutoCAD” was conducted for II year students of Mechatronics from 27.6.2019 to 3.7.2019 along with Alpha CAD, Chennai.
- Value added Course on “Artificial Intelligence and Medical Equipment” was conducted for IV year students of Mechatronics from 15.7.2019 to 20.7.2019 along with Kaashiv Infotechnology, Chennai.
- Value added Course on “Solid Works” was conducted for II year students of Mechatronics from 5.8.2019 to 10.8.2019 along with Cubix Technologies, Puducherry.
- Value added Course on “CREO –Industrial Design” was conducted for III year students of Mechatronics from 18.2.2020 to 21.2.2020 along with Alpha CAD, Chennai.


#### 4.7.1 INTRA PROJECTS EXPO 2019

An “INTRA INSTITUTIONAL PROJECT EXPO 2019” was conducted in our campus on September 5<sup>th</sup> 2019 with the Judge of invitees Prof. Ashok raj, HOD/MECH, Trichy Engineering College. Totally 18 projects from all departments had

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6. M.Subapradha of Mechatronics Engineering had attended Two days Online Faculty Development Program on “Tips for Clearing Patent Agent Examination” from 6.5.2020 to 7.5.2020 conducted by Velammal Engineering College Chennai.
7. M.Subapradha of Mechatronics Engineering had attended Five days Online Faculty Development Program on “Advanced Simulation Tools for Electronics Engineers” from 27.4.2020 to 1.5.2020 conducted by S.A. Engineering College Chennai.
8. P.Sudha of Mechatronics Engineering had attended Five days Online Faculty Development Program on “Advanced Simulation Tools for Electronics Engineers” from 27.4.2020 to 1.5.2020 conducted by S.A. Engineering College Chennai.
9. M.Subapradha of Mechatronics Engineering had attended Five days Online Faculty Development Program on “Cyber Security” from 28.5.2020 to 1.6.2020 conducted by St.Mary’s Group of Institutions Guntur.
- 10.M.Arumugasamy of Mechatronics Engineering had attended Three days Online Faculty Development Program on “Finite Element Analysis for Beginners Theory



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2. J.J. Jeyaraj of Mechatronics Engineering had attended Five days Faculty Development Program on "Robotics" from 25.11.2019 to 29.11.2019 at Government College of Engineering – Srirangam.
3. S. Parvathi of Mechatronics Engineering had attended Five days Online Faculty Development Program on "Image and Embedded Processing" from 27.4.2020 to 1.5.2020 at National Institute of Technical Teachers Training and Research Chandigarh.
4. S. Saravanan of Mechatronics Engineering had attended Five days Online Faculty Development Program on "Internet of Things" from 15.4.2020 to 19.4.2020 at National Institute of Technical Teachers Training and Research- Chandigarh.
5. M. Manjamasamy of Mechatronics Engineering had attended Six days Online Faculty Development Program on "Strength of Materials for Mechanical Engineering" from 12.2.2019 to 14.4.2019 at Anna University Regional Campus – Coimbatore.



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been displayed by 60 students in the Expo, out of which 3 had won a best project of the Expo.

An “INTRA INSTITUTIONAL PROJECT EXPO 2019” was conducted in our campus on September 5<sup>th</sup> 2019 with the Judge of invitees Prof. Ashok Raj, HOD/MECH, Trichy Engineering College. Totally 18 projects from all departments had been displayed by 60 students in the Expo, out of which 3 had won a best project of the Expo.


An “INTRA INSTITUTIONAL PROJECT EXPO 2019” was conducted in our campus on September 5<sup>th</sup> 2019 with the Judge of invitees Prof. Ashok Raj, HOD/MECH, Trichy Engineering College. Totally 18 projects from all departments had been displayed by 60 students in the Expo, out of which 3 had won a best project of the Expo.

Department of Mechatronics engineering organized intra project expo on 6.9.2019.

#### 4.7.2 INDUSTRIAL VISITS

To bridge the gap between industry and institution and make the students to be familiar with the future core working environment, we frequently arrange Industrial visits for our students.

**Department of Aeronautical Engineering**


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SNO	NAME OF THE COMPANY	DATE	NO OF STUDENTS	ADDRESS OF THE COMPANY
1	ISRO, THIRUVANANTHAPURAM, KERALA	31.08.2019	54	CEO:Dr. K Sivan, Technology Transfer & Documentation Group Vikram Sarabhai Space Centre (VSSC) ISRO P.O Thiruvananthapuram - 695 013
2	Jeyam metal roof (PVT) LTD, Trichy	17.02.2020	20	CEO:Gururaja, SF NO.80, 14, Chennai - Trichy Hwy, Konalai, Tamil Nadu 621105
3	Kothari sugar product, Trichy.	19.02.2020	23	ceo:Arjun B Kothari, Melavannam - Puthur Road, Tamil Nadu 621707

### Department of Mechanical Engineering

SNO	NAME OF THE COMPANY	DATE	NO OF STUDENTS	ADDRESS OF THE COMPANY
1	R.K Metals	5.8.2019	60	Thuvakkudi, Trichy
2	Perfect Internationals Fabricators P.Ltd	5.8.2019	65	MR Palayam, Trichy
3	NLC India Limited	19.3.2019	55	Block 1 ,Neyveli,Cuddalore Dist



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4	Central Electro Chemical Research Institute	22.3.2019	28	CECRI ,College Road, Karaikudi-4
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### Department of Mechatronics Engineering


- 20 students of II year and 25 students of III year along with the 2 faculty visited Tamilnadu Newsprint and Papers Limited, Karur, on 2.1.2020.
- 25 students of III year along with the 2 faculty visited Neyveli Lignite Corporation, Neyveli Cuddalore, on 14.2.2020.

### 4.7.3. IN PLANT TRAINING DETAILS

#### Department of Aeronautical

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Name of student : course experiential learning through work/
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AERO	101	Hindustan Aeronautical Limited	MAMSE / 2019-2020 / AERO / CC 01	internship
AERO	101	NCCT Embedded Design & Development	MAMSE / 2019-2020 / AERO / CC 01	internship
AERO	101	TTK Prestige Limited	MAMSE / 2019-2020 / AERO / CC 01	internship
AERO	101	Project Work	MAMSE / 2019-2020 / AERO / CC 01	Project Work

### Department of ECE

S.NO	STUDENT NAME	DEPARTMENT/ YEAR	DATE	COMPANY NAME
1	R.Abarna	II ECE	29-06-19 to 30-06-19	Pantech Solutions
2	R.Abinaya	II ECE	29-06-19 to 30-06-19	Pantech Solutions
3	S.Brashelashiny	II ECE	29-06-19 to 30-06-19	Pantech Solutions
4	K.Dharshinidevi	II ECE	29-06-19 to 30-06-19	Pantech Solutions
5	Nandhini	II ECE	29-06-19 to 30-06-19	Pantech Solutions
6	P.Sangeeta	II ECE	29-06-19 to 30-06-19	Pantech Solutions
7	N.Sowmiya	II ECE	29-06-19 to 30-06-19	Pantech Solutions



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8	T.Thenmozhi	II ECE	29-06-19 to 30-06-19	Pantech Solution
9	R.Vindhiya	II ECE	29-06-19 to 30-06-19	Pantech Solution
10	S.Abinaya	III ECE	22-06-19 to 23-06-19	Pantech Solution
11	R.Ammu	III ECE	22-06-19 to 23-06-19	Pantech Solution
12	P.Ammudevi	III ECE	22-06-19 to 23-06-19	Pantech Solution
13	S.Kasthuri	III ECE	23-05-19 to 25-05-19	Pantech Solution
14	K.Malavika	III ECE	30-05-19 to 01-06-19	Pantech Solution
15	J.Menaka	III ECE	23-05-19 to 25-05-19	Pantech Solution
16	S.Pavithra	III ECE	30-05-19 to 01-06-19	Pantech Solution
17	M.Sandhiya	III ECE	22-06-19 To 23-06-19	Pantech Solution
18	S.Subha	III ECE	22-06-19 to 23-06-19	Pantech Solution
19	L.Swetha	III ECE	22-06-19 to 23-06-19	Pantech Solution
20	Vudutha Dhanapriya	III ECE	23-05-19 to 25-05-19	Pantech Solution






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## Department of EEE

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Name of the student studied course on experiential learning through project work/field work/internship
EEE	104	Electrical Measurement and Instrumentation.	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Power system	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Electrical machines	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Synchronous motor	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Artificial intelligence	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Design of solar panel standalone home load	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Three phase transformer	MAMSE / 2019-2020 / EEE/ CC 04	internship
EEE	104	Solar tree	MAMSE / 2019-2020 / EEE/ CC 04	internship



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### Department of Mechanical Engineering


SNO	NAME OF THE COMPANY	DATE	NO OF STUDENTS	ADDRESS OF THE COMPANY
1	R.K Metals	5.8.2019	60	Thuvakkudi, Trichy
2	Perfect Internationals Fabricators P.Ltd	5.8.2019	65	MR Palayam, Trichy
3	NLC India Limited	19.3.2019	55	Block 1 ,Neyveli,Cuddalore Dist
4	Central Electro Chemical Research Institute	22.3.2019	28	CECRI ,College Road, Karaikudi-4

### 4.7.4. GUEST LECTURE / SEMINAR:

#### Department of Aeronautical Engineering

S. No	Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
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1	Importance of Reverse Engineering and futuristic aerospace	16.07.18	75	Aero Department	Mr.P.Vivek
2	Non-destructive testing and Software usage	23.07.18	75	Aero Department	Mr.Ramasamy
4	Additive Manufacturing	10.09.18	55	Smart class	Mr.Sridhar, Research Assistant, SASTRA University
5	Evershine Non Destructive Testing and Training,	24.12.18	75	Aero Department	Er.Shankar Ganesh,
6	Recent Trends in IC Engines & Automation	31.12. 18	75	Aero Department	Dhinakaran R,
7	Modern technologies used in Paper industry	21.01.2019	75	Aero Department	Er.K.Gunasekar, ENMAS Pulp and paper Pvt. Ltd., Trichy.
8	Recent opportunities in Competitive Examinations	14.01.2019	75	Aero Department	Mr.Usman, Ph.D. scholar Gate in Trichy Academy, Tirchy.

### Department of Computer Science Engineering

S.No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Recent Trends in Cloud Computing	5.7.2018	55	Shiva AyyaDurai	Mr.Manoj Dev, IIHT,Trichy.
2	Importance of Web Design and Digital Marketing	12.7.2018	55	Shiva AyyaDurai	Mr.Prabhu, WEBWIZARD, Trichy.




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3	Embedded Systems	19.7.2018	63	Shiva AyyaDurai	Mr.R.Ramesh, ACME Systems.
4	Cloud computing 3D Animations	16.8.2018	55	Shiva AyyaDurai	Ms.G.Jenilla Sri, JALS group of Institution, Trichy.
5	Introduction to python programming	23.8.2018	63	Shiva Ayyadurai	Mr.RameshBabuJALS group of Institution,Trichy
6	Basic Programming for Advanced computing applications	30.8.2018	63	Shiva Ayyadurai	Mr.S.R.Stephen, CSC Computer Education,Trichy.
7	Hardware and Networking.	4.9.2018,5.9.2018	63	Peter Norton	Ms.G.JenillaSri,JALS group of Institution Trichy.
8	Recent trends in Machine Learning	3.1.2019	60	ShivaAyyaDurai	E.Prathab,PantechSolutions, Trichy.
9	Vertical Hacking and Virtual Reality	24.1.2019	60	Shvia Ayyadurai	S.ImmranKhan,S.S.Soft solutions.
10	Compiler and Big data	31.1.2019	63	Shiva AyyaDurai	K.Mohanmed Iqbal,Aadhrose Infotech, Trichy.
11	Advanced database-Oracle	15.2.2019	17	Shiva AyyaDurai	Jaya Kumar, Be positive Private Limited

### Department of Electrical and Electronics Engineering

S.No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Industrial Automation	26.12.2018	50	Seminar Hall, MAMSE	Mr. N. Kumar Business Head, Gateway Finishing




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					School, Trichy.
2	Introduction To Robotics	02.01.2019	50	Smart Class, MAMSE	Mr.P.MohamedRafeeq, Manager, AGIIT, Trichy.
3	Career Development For Engineers	22.01.2019	50	Seminar Hall, MAMSE	Dr. S.Thiyagarajan, M.E., Ph.D., Managing director, GIT, Trichy.
4	Power Electronics And Applications	29.01.2019	50	Smart Class, MAMSE	Dr. S.Avudaiyappan Branch manager, Pantech Solutions, Trichy.
5	Internet Of Things	02.02.2019	50	Smart Class, MAMSE	Mr. Perikannan Project head, Chrome Software Solution, Madurai.

### Department of Electronics and Communication Engineering

S. No	Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Guest Lecture on "Industrial Automation on Robotics"	27-06-19	50	Smart Class	Mr.S.Saivignesh, Axis Global Automation, Tiruchirapalli
2	Seminar on "	03-07-19	50	Smart	Mr.Saravanan, Pantech

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			P. Ltd	
51	Veeraiya M	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
52	Veera Kumar D	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
53	Velmoorthi G	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
54	Vignesh K	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
55	Vishnukumar R	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
56	Vishva B	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
57	Vivek M	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
58	Yukesh K	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
59	Faizel Hameed M	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur, Trichy
60	Kartheeswaran J	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur, Trichy
61	Madhan R	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi





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15	Jenith P	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
16	Kanagaraj K	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
17	Karunakaran K	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
18	Manikandan M	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
19	Manimaran N	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
20	Mathivanan S	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
21	Mohamed Muzzammil N	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
22	Moorthi M	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
23	Muthukumar M	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
24	Muthuraj K	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
25	Navaneetha Krishnan	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
26	Naveen C	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy






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5	Anbu Selvan T G	MECH / IV	HIGH ENERGY BATTERIES PVT LTD	Pakkudi Road, Mathur Industrial Estate Pudukottai District
6	Anees Ahamed A	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
7	Aravindh J	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
8	Aravindhan A	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
9	Barathiraja M	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
10	Boobalan M	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
11	Deepan Chakravarthi	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
12	Gogul R	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
13	Gopalakrishnan K	MECH / IV	Perfect Internationals Fabricators P.Ltd	MR Palayam, Trichy
14	Jeevarasan R	MECH / IV	Rane Brake Lining Ltd	Sethurappatti, Trichy



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12	Webinar on Enabling Technologies for future wireless Communication	01.07.20	64	Zoom	
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### Department of Mechanical Engineering

S.NO	STUDENT NAME	DEPART MENT/YE AR	COMPANY NAME	LOCATION
1	Abdul Rasheed H	Mech / Iv	High Energy Batteries Pvt Ltd	Pakkudi Road, Mathur Industrial Estate Pudukottai District
2	Akash S	Mech / Iv	High Energy Batteries Pvt Ltd	Pakkudi Road, Mathur Industrial Estate Pudukottai District
3	Akshaya Bala B	MECH / IV	HIGH ENERGY BATTERIES PVT LTD	Pakkudi Road, Mathur Industrial Estate Pudukottai District
4	Alphan A	MECH / IV	HIGH ENERGY BATTERIES PVT LTD	Pakkudi Road, Mathur Industrial Estate Pudukottai District






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	Image Processing"			Class	Solutions, Tiruchirapalli
3	Seminar on Arduino Microcontroller	17-07-19	50	Smart Class	Ms.Dharani, Hitakey Infosys, Tiruchirapalli
4	Guest Lecture on Labview	24-07-19	50	Smart Class	Mr.Sheik Abdul Ansari, Galwin Technology, Tiruchirapalli
5	Workshop on "Innovative Electronics"	25-07-19 to 27-07-19	57	Smart Class	Mr.K.C.Tamil Vendan, Director, Lift India Pvt Ltd, Tiruchirapalli
6	Seminar on Internet of Things	31-07-19	50	Smart Class	Mr.M.Manoharan Team leader ,Green soft group Tiruchirapalli
7	Seminar on "Carrier Program for Guidance	08.01.20	45	Smart Class	
8	Guest Lecture on Emerging Trends in VLSI	22.01.20	49	Smart Class	
9	Guest Lecture on Big data and Artificial Intelligence Analysis	12.02.20	50	Smart Class	
10	Webinar on Advanced Technologies in Precision farming	22.05.20	92	Zoom	
11	Webinar on Microwave Amplifier Design for specified gain	24.06.20	80	Zoom	



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37	Sangilipandian Suraj S	MECH / IV	Sri&Sri All Car Service	TV Koil Trichy
38	Santhosh Kumar U	MECH / IV	Sri&Sri All Car Service	TV Koil Trichy
39	Saran J	MECH / IV	Sri&Sri All Car Service	TV Koil Trichy
40	Sarath Kumar K	MECH / IV	Sri&Sri All Car Service	TV Koil, Trichy
41	Saravanakumar P	MECH / IV	RK Metal Industries	Thuvakkudi Trichy
42	Sasikumar A	MECH / IV	RK Metal Industries	Thuvakkudi Trichy
43	Selva A	MECH / IV	RK Metal Industries	Thuvakkudi Trichy
44	Senthil Kumar D	MECH / IV	RK Metal Industries	Thuvakkudi Trichy
45	Shameer H	MECH / IV	RK Metal Industries	Thuvakkudi Trichy
46	Soorya Pragash R	MECH / IV	RK Metal Industries	Thuvakkudi, Trichy
47	Sudarvanan M	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
48	Sundar P	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
49	Vasanth Raja M	MECH / IV	Kothari Sugars & Chemicals P. Ltd	Kattur Trichy
50	Vasanth Kumar S	MECH / IV	Kothari Sugars & Chemicals	Kattur Trichy

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27	Naveen Kumar K	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
28	Neethidevan C	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
29	Paulraj E	MECH / IV	Rane Brake Lining Ltd	Sethurappatti Trichy
30	Praveen C	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
31	Puhazhenth M	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
32	Raja Durai P	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
33	Ramanan V	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
34	Ramkumar V	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
35	Ranjith A	MECH / IV	Mitsubishi Motors Pvt Ltd	Dindugal Road, Ramnagar, Karumandapam
36	Ranjith R	MECH / IV	Sri&Sri All Car Service	TV Koil Trichy






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62	Riiyaaz Ahamed M	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
63	Stalin	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
64	Surendar E	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
65	Saravanan S	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
66	Manikandan A	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
67	Vijayakumar K	MECH / IV	Kathirmalai Industries	Kamarajpuram Thuvakudi
68	Ruben A	MECH / IV	Kathirmalai Industries	Kamarajpuram, Thuvakudi

#### Department of Mechatronics Engineering


S.NO	STUDENT NAME	DEPARTMENT/ YEAR	COMPANY NAME	LOCATION
1	Arivazhagan S	Mechatronics - II	SD Pro Solution	Trichy
2	Anbarasan S	Mechatronics - II	SD Pro Solution	Trichy
3	Laluprashanth A	Mechatronics - II	SD Pro Solution	Trichy
4	Sakthivel C	Mechatronics - II	SD Pro Solution	Trichy



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5	Rajkumar R	Mechatronics - II	SD Pro Solution	Trichy
6	Balaji M	Mechatronics - II	SD Pro Solution	Trichy
7	Vishnu E	Mechatronics - II	SD Pro Solution	Trichy
8	Rajaselvan R	Mechatronics - II	SD Pro Solution	Trichy
9	Satheesh Kumar A	Mechatronics - II	SD Pro Solution	Trichy
10	Sanjai R	Mechatronics - II	SD Pro Solution	Trichy
11	Pawnkumar R	Mechatronics - II	SD Pro Solution	Trichy
12	Manoj Kumar P	Mechatronics - II	SD Pro Solution	Trichy
13	Rajesh Kannan R	Mechatronics - II	SD Pro Solution	Trichy
14	Anand P	Mechatronics - II	SD Pro Solution	Trichy
15	Vishnukumar K	Mechatronics - II	SD Pro Solution	Trichy
16	Baskarn D	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
17	Hasan Harun A	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
18	Praveen S	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
19	Sowndarya L	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
20	Ahmed Rifath A	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
21	Rajkumar M	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
22	Mohammed Ithiyas I	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy
23	Mohammed Hussain M R	Mechatronics-III	Pan Tech Pro Ed Pvt Limited	Trichy



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24	Sakthivel C	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
25	Pawnkumar R	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
26	Manojkumar P	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
27	Sanjai R	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
28	Jenithkumar B	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
29	Anand D	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
30	Laluprashanth A	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
31	Rajesh Kannan R	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
32	Abdul Latiff A	Mechatronics - II	Pan Tech Pro Ed Pvt Limited	Trichy
33	Mohammed Ashib	Mechatronics - III	Pan Tech Pro Ed Pvt Limited	Trichy
34	Mugesh Kumar B	Mechatronics - IV	Galvin Technology	Trichy
35	Ramachandran C	Mechatronics - IV	Galvin Technology	Trichy
36	Manisha M	Mechatronics - IV	Galvin Technology	Trichy
37	Gunaseelan S	Mechatronics - IV	Galvin Technology	Trichy
38	Gowsalya K	Mechatronics - IV	Galvin Technology	Trichy
39	Balamurugan G	Mechatronics - IV	Galvin Technology	Trichy
40	Vaitheeswari K	Mechatronics - IV	Galvin Technology	Trichy
41	Vinithkumar K	Mechatronics - IV	Galvin Technology	Trichy
42	Abinaskumar A	Mechatronics - IV	Galvin Technology	Trichy



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43	Arunkumar R	Mechatronics - IV	Galvin Technology	Trichy
44	Elangathir M	Mechatronics - IV	Galvin Technology	Trichy
45	Tamilselvan K	Mechatronics - IV	Galvin Technology	Trichy
46	Abdul Latiff A	Mechatronics - II	Propeller Technologies	Trichy
47	Ahmed Faisal S	Mechatronics - II	Propeller Technologies	Trichy
48	Mohammed Ithiyas I	Mechatronics - III	Propeller Technologies	Trichy
49	Rajesh Kannan R	Mechatronics - II	Propeller Technologies	Trichy
50	Jenithkumar B	Mechatronics - II	Propeller Technologies	Trichy

#### 4.8. FACULTY ACHIEVEMENTS:

##### 4.8.1.ON LINE CERTIFICATION COURSE

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies	Name of the Government or recognized bodies issuing the award	De
2019	Dr.K.Chandrasekaran,	Professor	National Level Award for the Best Academic Researcher-2019 in Dr.Kalam Educational Trust for Tribal.	National Level Award for the Best Academic Researcher-2019 in Dr.Kalam Educational Trust for Tribal.	ae
2019	Dr.K.Chandrasekaran,	Professor	Participation in the Regional Convention of "Chhatra Vishwakarma Award-2019" held on 18/11/2019 under Southern Region theme of "How to enhance the income of village".	Participation in the Regional Convention of "Chhatra Vishwakarma Award-2019" held on 18/11/2019 under Southern Region theme of "How to enhance the income of village".	ae



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2019	Dr.K.Chandrasekaran,	Professor	NPTEL online Certification	NPTEL online Certification	Aero
NAME	EVENT	TITLE	DATE	COLLEGE NAME	
Dr. K. Chandrasekaran	Quiz	COVID -19 Pandemic general awareness quiz	4/9/2020	Chandigarh group of colleges, Mohali.	
	Quiz	Hydraulics and Pneumatics	5/14/2020	Selvam college of technology, Namakkal.	
	Quiz	COVID -19 Awareness		Akshaya college of engineering and technology.	
	Conference	International conference on technological advancements in materials, design, manufacturing and energy sectors	20/02/2020	St. Joseph college of engineering, Chennai.	
	National conference	Robotics and automation engineering- 2k20	3/2/2020	Er. Perumal Manimekalai college of engineering, Hosur.	
	Webinar	Online webinars	01/05/2020 to 15/05/2020	Evolution careers	
	Online course	Career edge- Knockdown the Lockdown	28 Apr - 06 May, 2020	TCS ion	
	Online course	Art and Skill for effective learning	25 May - 06 June, 2020	Saveetha Engineering College, Chennai.	
	Online course	Manufacturing of Composites	Aug - Oct ' 19	NPTEL online certification	
	Webinar	Good Teacher to Great Teacher	5/14/2020	ICT Academy	
	Webinar	The Future of skills-Education, Employment and Entrepreneurship	11th - 15 May, 2020	ICT Academy	



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	Webinar	Accelerating Industry 4.0 - A Post Covid Paradigm	25th - 29 May, 2020	ICT Academy
		covid -19 combatant		Vinayaka Missions Research Foundations
	Workshop	Workshop of Embedded systems and IoT	29th - 30th Aug, 2019	SRM Institute of science and technology.
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.

K.M. Sridhar	Quiz	Hydraulics and Pneumatics	5/14/2020	Selvam college of technology, Namakkal.
	Webinar	Basics of solar Photovoltaic systems	5/13/2020	Karpagam Institute of Technology, Coimbatore.
	Webinar	Data Science for Engineers	5/13/2020	Sri Eshwar College of Engineering, Coimbatore.
	Webinar	Cyber Security	5/15/2020	Sri Eshwar College of Engineering, Coimbatore.
	Webinar	Moving forward with IoT	5/14/2020	RMK College of engineering and technology, Tiruvallur.
	Quiz	Mechanical systems and Design (MSD)	5/15/2020	AISSMS college of engineering, Pune.
		The Future of skills-Education, Employment and Entrepreneurship	11th - 15 May, 2020	ICT Academy
		Future tech, Next generation	5/22/2020	ICT Academy






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		of blockchain		
	Online course	Career edge- Knockdown the Lockdown	28 Apr - 06 May, 2020	TCS ion
	Webinar	Leadership talk	5/16/2020	MHRD Innovation cell.
	Short term course	Mechanical Virations	5/13/2020	Coimbatore institute of technology, Coimbatore.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Webinar	The Art of Writing Research Paper	5/13/2020	M.A.M college of engineering and technology, Trichy.
	Quiz	COVID -19 Pandemic control Awareness	4/9/2020	Chandigarh group of colleges, Mohali.
	Quiz	COVID- 19 Pandemic general awareness Quiz	4/9/2020	Chandigarh group of colleges, Mohali.
	Quiz	covid -19 combatant	5/13/2020	Vinayaka Missions Research Foundations


V. Priyadharshini	Quiz	Hydraulics and Pneumatics	5/14/2020	Selvam college of
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				technology, Namakkal.
Webinar	Emerging Opportunities in Civil engineering	5/20/2020		Sri Venkateswaraa College of Technology,
Webinar	Moving forward with IoT	5/14/2020		RMK College of engineering and technology,
Quiz	Manufacturing Process	5/23/2020		Shri Tulja Bhavani college of engineering, Tuljpur.
Online course	Career edge- Knockdown the Lockdown	28 Apr - 06 May, 2020		TCS ion
Webinar	how to write a research proposal? How to convert a project to patent?	04th - 05th May, 2020		Excell engineering college, Komarapalayam.
Webinar	Good Teacher to Great Teacher	5/14/2020		ICT Academy
Webinar	The Future of skills- Education, Employment and Entrepreneurship	11th - 15 May, 2020		ICT Academy
Webinar	Accelerating Industry 4.0 - A Post Covid Paradigm	25th - 29 May, 2020		ICT Academy
Webinar	Future tech 2020, 5G as an enabler as an digital transformation	18th - 21 May, 2020		ICT Academy
Webinar	Applications of space technnology in our Day to Day life	5/19/2020		Sri Venkateswaraa College of Technology, SriPerumbudhur.
Webinar	KASH= CASH	5/13/2020		PSNA college of engg. And tech., Dindigul.
	COVID - 19 combatant			Vinayaka Missions Research Foundations
Workshop	Three day online workshop on finite element analysis for beginners: Theory	28th -30th May, 2020		VIT, Chennai.






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		and simulation		
	Workshop	Workshop of Embedded systems and IoT	29th - 30th Aug, 2019	SRM Institute of science and technology.
		Space Exploration	5/5/2020	Edapt Learning app.
	Online FDP	Novel materials and its industrial applications	13th - 18th May, 2020	Karpagam College of Engineering, Coimbatore.
	Quiz	Mechathon - 2020	5/11/2020	Nehru Institute of Engineering and Technology,
	Conference	International conference on New Scientific Creations in Engineering and Technology	3/14/2020	Nadar Saraswathi college of engineering and technology.
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.
	Quiz	COVID -19 Pandemic general awareness quiz	4/9/2020	Chandigarh group of colleges, Mohali.
	Webinar	Research and development cell in Association with IQAC	04th - 05th May, 2020	Excell engineering college, Komarapalayam.

J. Jeba Priyadarshini	Quiz	AUTOCAD Quiz	5/22/2020	Bhivarabai Sawant college of engineering research, Pune.
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	Webinar	Basics of solar Photovoltaic systems	5/13/2020	Karpagam Institute of Technology, Coimbatore.
	Quiz	COVID -19 Awareness		Akshaya college of engineering and technology, Coimbatore.
	Webinar	Technology- The future of recruitment	5/23/2020	Sri Eshwar College of Engineering, Coimbatore.
	Webinar	How to Protect your ideas with Patents?	5/29/2020	Er. Perumal Manimekalai college of engineering, Hosur.
	Webinar	How to prepare a professional resume	6/1/2020	Sri Eshwar College of Engineering, Coimbatore.
	Quiz	Online National level Quiz on Mechanical Engg.	5/30/2020	Holy Mary Institute of Technology and Science, Medchal dt.
	Quiz	Quiz for memory 2020	6/1/2020	MIET engg. College, Trichy.
	Quiz	Thermal engineering	5/26/2020	JCT college of engg. And tech., Coimbatore.
	Webinar	Waste to energy conversion system- Challenges and outcomes	5/22/2020	RVS college of engineering and technology, Coimbatore.
	Webinar	Engineering Graphics	15th - 21 May, 2020	Anand Institute of Higher Technology.
	Online course	Career edge- Knockdown the Lockdown	28 Apr - 06 May, 2020	TCS ion
	Webinar	Incremental Sheet metal forming	5/27/2020	Dhanalakshmi Srinivasan Institute of technology.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Webinar	Good Teacher to Great Teacher	5/14/2020	ICT Academy
	Webinar	The Future of skills- Education, Employment and Entrepreneurship	11th - 15 May, 2020	ICT Academy



<b>Webinar</b>	<b>Accelerating Industry 4.0 - A Post Covid Paradigm</b>	<b>25th - 29 May, 2020</b>	<b>ICT Academy</b>
<b>Webinar</b>	<b>Future tech 2020, 5G as an enabler as an digital transformation</b>	<b>18th - 21 May, 2020</b>	<b>ICT Academy</b>
<b>Webinar</b>	<b>Future tech, Next generation of blockchain</b>	<b>5/22/2020</b>	<b>ICT Academy</b>
<b>Webinar</b>	<b>Change in Essence of life</b>	<b>5/25/2020</b>	<b>ICT Academy</b>
	<b>COVID- 19 combatant</b>		<b>Vinayaka Missions Research Foundations</b>
<b>Quiz</b>	<b>Mechathon - 2020</b>	<b>5/11/2020</b>	<b>Nehru Institute of Engineering and Technology, Coimbatore.</b>
<b>Webinar</b>	<b>Expanding Scope of Robotics</b>	<b>5/21/2020</b>	<b>Sri Eshwar College of Engineering, Coimbatore.</b>
<b>Webinar</b>	<b>Elements of Industry 4.0</b>	<b>5/30/2020</b>	<b>M.A.M School of Engineering, Trichy.</b>

### **Department of Computer Science and Engineering**

1. Mr.G.Rajesh KumarhasparticipatedOnline Faculty Development Program on "Artifitial Intelligence" from 22<sup>nd</sup> May 2020 to 26<sup>th</sup> May 2020 was conducted by Christian College of Engineering and Technology, Dindigul.


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2. Ms. S.Murugavalli has participated Faculty Development Program on “Latex” from 29-04-2020 to 05-05-2020 was conducted by V.O. Chidambaram College, Thoothukudi.
3. Mr.K.Sathish Kumar has participated Online Faculty Development Program on “Data Science Concepts – Theoretical and Practical Approach” from 15<sup>th</sup> to 19<sup>th</sup> June 2020 was conducted by Dayananda Sagar University, Bengaluru.
4. Mr.K.Sathish Kumar has participated Online Faculty Development Program on “Research Trends in Image Processing” from 15<sup>th</sup> -19<sup>th</sup> June 2020 was conducted by Gates Institute of Technology, Ananthapuramu.
5. Mr.K.Sathish Kumar has participated Online Faculty Development Program on “Latest Trends and Challenges in IT Industry” from 15<sup>th</sup> -20<sup>th</sup> June 2020 was conducted by R.M.D. Engineering College, Thiruvallur.

#### **Department of Electronics and Communication Engineering**


- P.Kavitha, of Electronics and Communication Engineering Department has successfully completed the 12 week (July- Dec 2019) NPTEL On line



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Certification course conducted by IIT Chennai, “Micro Electrinics – Devices and Circuits”

- T.Ashok, of Electronics and Communication Engineering Department has successfully completed the 12 week (July- Dec 2019) NPTEL On line Certification course conducted by IIT Chennai, “Micro Electrinics – Devices and Circuits”
- P.Kavitha, of Electronics and Communication Engineering Department has successfully completed the 12 week (Jan - Apr 2020) NPTEL On line Certification course conducted by IIT Karagpur, “Integrated Circuits, MOSFETs, OPAMPs and their Application”
- T.Ashok of Electronics and Communication Engineering Department has successfully completed the 12 week (Jan - Apr 2020) NPTEL On line Certification course conducted by IIT Karagpur, “Integrated Circuits, MOSFETs, OPAMPs and their Application


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- A.Karthick Kumar of Electronics and Communication Engineering Department has successfully completed the 12 week (Jan - Apr 2020) NPTEL On line Certification course conducted by IIT Chennai, "Embedded Systeem and Design

### Department of Electrical and Electronics Engineering


NAME	EVENT	TITLE	DATE	INSTITUTE NAME
<b>Mr. G. Purushothaman</b>	High Energy Batteries	Lockdown diaries	18th to 21th December 2019	High Energy Batteries, road, mathur pudukotta district, Pakkudi, Tamil Nadu 622515
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy
	Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy
	Workshop	Elctrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy
	Webinar	Embeded systems across industries	2/7/2020	M.A.M School of engineering, Trichy
	Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy
	Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy



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	Webinar	Lockdown diaries	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Elctrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Embeded systems across industries	2/7/2020	M.A.M School of engineering, Trichy.


<b>Mr.A.Senthamarai annan</b>	High Energy Batteries	Lockdown diaries	18th to 21th Dec 2019	High Energy Batteries, road, mathur pudukottai district, Pakkudi, Tamil Nadu 622515.
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	1 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Elctrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Embeded systems across industries	2/7/2020	M.A.M School of engineering, Trichy.

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	Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy
	Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	23/7/2020	M.A.M School of engineering, Trichy
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy
	Industry Trained Programmed	Kothari Sugar Mills	6th to 9th Dec2019	Kattur, Lalgudi, Trichy
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Electrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Embeded systems across industries	2/7/2020	M.A.M School of engineering, Trichy.





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	Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy.
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 / 6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
<b>Ms.M.Meenakshi</b>	Industry Trained Programmed	<b>Kothari Sugar Mills</b>	<b>27th to 29th Sep2018</b>	<b>Kattur, Lalgudi, Trichy</b>
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 / 6 / 2020	M.A.M School of engineering, Trichy.



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Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy
Workshop	Electrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy
Webinar	Embedded systems across industries	2/7/2020	M.A.M School of engineering, Trichy
Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy
Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy
Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy
Webinar	Lockdown diaries	23/7/2020	M.A.M School of engineering, Trichy
Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy
Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy
Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy
Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy
Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy
Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy
Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy
Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy
Workshop	Electrical system onboard ship	13 /6 / 2020	M.A.M School of engineering, Trichy
Webinar	Embedded systems across industries	2/7/2020	M.A.M School of engineering, Trichy
Webinar	Live Line Washing and Maintenance	9/7/2020	M.A.M School of engineering, Trichy





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		of Overhead Line		engineering, Trichy.
	Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy.
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy.

r.M.Ismail Gani	Industry Trained Programmed	Kothari Sugar Mills	27th to 29th Sep 2018	Kattur, Lalgudi, Trichy
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
	Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	10 / 6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Renewable Energy and Its Application	11 / 6 / 2020	M.A.M School of engineering, Trichy.
	Workshop	Electrical system onboard ship	13 / 6 / 2020	M.A.M School of engineering, Trichy.
	Webinar	Embedded systems across industries	2/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy.
	Webinar	Cloud computing	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	23/7/2020	M.A.M School of engineering, Trichy.
	Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.





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Workshop	Renewable Energy and Its Application	10 /6 / 2020	M.A.M School of engineering, Trichy.
Webinar	Renewable Energy and Its Application	25/6/2020	M.A.M School of engineering, Trichy.
Webinar	Lockdown diaries	2/6/2020	M.A.M School of engineering, Trichy.
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Workshop	Renewable Energy and Its Application	11 /6 / 2020	M.A.M School of engineering, Trichy.
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Webinar	Live Line Washing and Maintenance of Overhead Line	9/7/2020	M.A.M School of engineering, Trichy.
Webinar	Jobs in Abroad	16 / 7/2020	M.A.M School of engineering, Trichy.

## Department of Mechanical Engineering

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies	Name of the Government or recognized body issuing the award
2019	R.Ramanathan	Professor	National Level Award for the Best Academic Researcher-2019 in Dr.Kalam Educational Trust for Tribal.	National Level Award for the Best Academic Researcher-2019 in Dr.Kalam Educational for Tribal.






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2019	M.Vimal kumar	Asst.Professor	NPTEL online Certification	NPTEL online Certification
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NAME	EVENT	TITLE	DATE	COLLEGE NAME
R.RAMANATHAN	Webinar	covid -19 combatant	11.4.2020	Vinayaka Missions Research Foundations
	Awarner quiz	COVID 19 Pandemic General Awarner Quiz	11.4.2020	Chandihar group mof college - mohali
	Webinar	Arts of writing scientific reports	14.5.2020	Vellammal Engineering College
	Online course	Carrier Edge the Knockdown the Lockdown	23.5.2020	TCS ION
	Online course	Art and Skill for effective learning	25 May - 06 June, 2020	Saveetha Engineering College, Chennai.
	Webinar	Accelerating Industry 4.0 - A Post Covid Paradigm	25.5.2020	ICT Academy
	Webinar	A learning development perspective	26.5.2020	ICT Academy
	Webinar	Impact of Artificial intelligence and cognitive computing post covid -2019	27.5.2020	ICT Academy
	Webinar	Discover the diamond you	28.5.2020	ICT Academy
	Webinar	Catching the cyber virus	29.5.2020	ICT Academy
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.

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	Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.
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<b>M.VIMAL KUMAR</b>	Webinar	India first leadership Talk	16.5.2020	MHRD INNOVAION CELL
	Webinar	Metal Bahaviour of Material applied in industry	10.6.2020	Government college of engineering- Coimabature
	Webinar	Emergng Technology to shape the future	6.12.2020	A.V.C college of Engineering- Mayiladurai
	Webinar	A Look at Isometric and Perspective Projection	18.6.2020	PET Engineering college -Vallioor
	FDP	Teaching Engineering Graphics Using ICT Tool	2.12.2020	Mohemmed shathak Engineering college
		Introduction to DEVOP	11.6.2020	Sri Eshwar college of Engineering- Coiambature
	QUIZ	QUIZ ON MECHANICAL ENGINEERING	30.5.2020	Holy Mary Institute of technology
	QUIZ	QUIZ ON MECHANICAL ENGINEERING	6.9.2020	Arulmigu meenakshi amman college of Engineering
	Seminar	Developed India On The Youth	26.12.2020	The Institution Of Green Engineers in Association
	QUIZ	QUIZ ON AUTOMATIVE ENGINEERING	25.6.2020	K.R Ramakrishnan College of Engineering
	Webinar	NIAT LAB and it's Application	27.6.2020	CARE Group Of Institution
	Webinar	GYROSCOPIC EFFECT	26.6.2020	PET Engineering college -Vallioor
	QUIZ	Online quiz on Strength of	30.5.2020	Rathinam Technical campus -



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		material		Colambature
	Webinar	FUTURE TECH 2020	18.5.2020	SKY CAMPUS
	Webinar	CAD MODELING AND REVERSE ENGINEERING	12.6.2020	CMS College Of Engineering and Technology
	Webinar	IGEN Global Lecturer	25.8.2020	LPR Institution of Technolgy
<b>M.VIMAL KUMAR</b>	Webinar	Elements of Industry 4.O	5/30/2020	M.A.M School of Engineering, Trichy.
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	Webinar	Impact of Artificial intelligence and cognitive computing post covid -2019	27.5.2020	ICT Academy
	Webinar	Discover the diamond you	28.5.2020	ICT Academy
	Webinar	Catching the cyber virus	29.5.2020	ICT Academy
<b>PREMKUMAR</b>	Webinar	A Look at Isometric and Perspective Projection	18.6.2020	PET Engineering college -Vallioor
	FDP	Teaching Engineering Graphics Using ICT Tool	2.12.2020	Mohemmed shathak Engineering college



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	Introduction to DEVOP	11.6.2020	Sri Eshwar college of Engineering- Coimbatore
QUIZ	QUIZ ON MECHANICAL ENGINEERING	30.5.2020	Holy Mary Institute of technology
QUIZ	QUIZ ON MECHANICAL ENGINEERING	6.9.2020	Arulmigu meenakshi amman college of Engineering
Seminar	Developed India On The Youth	26.12.2020	The Institution Of Green Engineers in Association
Online course	Carrier Edge the Knockdown the Lockdown	23.5.2020	TCS ION
Online course	Art and Skill for effective learning	25 May - 06 June, 2020	Saveetha Engineering College, Chennai.
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Webinar	Catching the cyber virus	29.5.2020	ICT Academy
Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.


R.VIJAYAKUMAR	Webinar	Catching the cyber virus	29.5.2020	ICT Academy
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.





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	FDP	Teaching Engineering Graphics Using ICT Tool	2.12.2020	Mohammed shathak Engineering college
MOHAN KUMAR K	Webinar	India first leadership Talk	16.5.2020	MHRD INNOVAION CELL
	Webinar	Metal Bahaviour of Material applied in industry	10.6.2020	Government college of engineering-Coimabature
	Webinar	Emergng Technology to shape the future	6.12.2020	A.V.C college of Engineering-Mayiladurai
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	Seminar	Developed India On The Youth	26.12.2020	The Institution Of Green Engineers in Association
JHONRAJKUMAR	Webinar	Catching the cyber virus	29.5.2020	ICT Academy
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Virtual	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.

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M.F.Mohammed Hussain	G.B.Engineering Enterprises Private Limited	B.Rajarathnam	03.06.2019	03.06.2019	05.06.2019	G.B.Engineering Enterprises Private Limited, D-99, Dp Estates, Thuvakkudy, Tiruchirapalli – 620 015
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### Department of Computer Science and Engineering

Mr.Rajesh Kumar G, has undergone ten days Online Internship on IoT Technologies for Embedded Computing” from April 1<sup>st</sup> to 10<sup>th</sup> 2020 was conducted by St.Peter’s Institute of Higher Education and Research, Chennai.

### Department of Electronics and Communication Engineering


1.P.Kavitha has undergone three days Internship Program in Pantech ProEd Pvt Ltd from 13.06.19 to 15.06.19

2.T.Ashok has undergone three days Internship Program in Pantech ProEd Pvt Ltd from 13.06.19 to 15.06.19


### Department of Electrical and Electronics Engineering

Name Of The Faculty	Name Of The Company Where Training Is Taken	Date	Starting Date	Ending Date	Address Of The Company
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K.Vinothini	"Technological Advancements in Power System Control, Power Controllers, Drives And E-Vehicles"	27.04.2020 To 01.5.2020	27.04.2020	01.5.2020	
K.Vinothini D.Dhanalaksh	"Role Of IoT, Embedded, Electric Vehicle And Power Electronics Concepts In The Smart World"	18 .05.2020 To 22.05.2020.	18 .05.2020	22.05.2020	
G.Purushotha man A.Senthilmarai K...	IoT And AI For Smart Things	25.05.2020 To 6.6.2020	25.05.2020	6.6.2020	
K.Vinothini	Technique IoT	09.05.2020	09.05.2020	09.05.2020	
K.Vinothini	"The Role Of IoT in the City Challenges and Opportunities"	11.05.2020	11.05.2020	11.05.2020	
K.Vinothini	IoT Trends in AI	14.05.2020 to 15.05.2020	14.05.2020 to 15.05.2020	14.05.2020 to 15.05.2020	

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K. Vinothini		07.05.2020 to 10.05.2020	07.05.2020 to 10.05.2020	07.05.20 20 to 10.05.20 20
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#### 4.8.7.SPONSORSHIP FOR HIGHER STUDIES:

Nil


#### TRAINING AND PLACEMENT

Training and placement cell is headed by our placement In-charge Mr. T. Ashok. Students had been trained on Personality Development, Career Development and Interview handling Skills by a deliberately skilled trainer. Also, they are trained to meet the Industrial needs and requirements by undergoing Technical and Aptitude Ability tests by experienced and skilled persons from various educational departments.

As on date 100 % of our final year students got placed in the following reputed core industries.

1. HANNON AUTOMOTIVE SYSTEM INDIA PVT LTD
2. RELIANCE INDIA PVT LTD
3. FAURECIA INDIA PVT LTD.




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4. SAKTI STEEL WHEELS LTD
5. SUNGWOO HITECH INDIA PVT LTD
6. SAKTI AUTO COMPONENT LTD
7. JAMNA AUTO INDUSTRIES
8. MITSUBA
9. BLUEZ INFORMATIC SOLUTIONS

<b>M.A.M. SCHOOL OF ENGINEERING</b>							
<b>Placement Summary -2019</b>							
<b>Industry Name</b>	<b>Aero</b>	<b>CSE</b>	<b>EEE</b>	<b>ECE</b>	<b>Mech</b>	<b>Mecht</b>	<b>T</b>
<b>BLUEZ INFORMATIC SOLUTIONS</b>		3					
<b>FAUREZIA INDIA PVT LTD</b>	1		1		6		
<b>HANON AUTOMOTIVE SYSTEMS INDIA PVT LTD</b>	5		7	7	11	10	
<b>J. K. SA</b>			4		9	2	
<b>MITSUBA SIGMA INDIA PVT LTD</b>				5	5	2	
<b>P. ENGINE</b>	17	6	1		5		



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## 8. EVOLUTION OF SIGNIFICANCE

### 8.1. CLUB ACTIVITIES

Nil

## 9. COUNSELING AND VALUE EDUCATION


The student's life is getting complex day by day. Guidance is needed to help the students for optimum achievement and adequate adjustment in the varied life situations.

Need analysis of the students shows the need of Guidance and counseling services, in the education, profession, vocation, social, health, moral, personal-areas.

We provide Guidance and counseling which helps the students to have a better self understanding and proper adjustment to self and society.


**Dr. Abdul Rahman**, Professor, Department of Mechanical Engineering has addressed the students on "Enhancing Life Skills".



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## 10. ORIENTATION PROGRAMME FOR FIRST YEAR


S.N	Seminars/Guest Lecturers/Workshops/Orientation Programs	Date	Session	Venue	Speaker/Resource Person
1	“Corona Awareness Program”	10/3/20	FN	Seminar Hall	Dr.E.Tamilarasi Former Assistant Surgeon, Government Primary Health Centre, Andhanallur and Medical Officer at Uyirthuli Blood Bank & Research Centre, Trichy.
2	Cancer Awareness program	10/3/20	AN	Seminar Hall	Dr.E.Tamilarasi Former Assistant Surgeon, Government Primary Health Centre, Andhanallur and Medical Officer at Uyirthuli Blood Bank & Research Centre, Trichy.
3	Awareness program on “COVID-19”	11/3/20	AN	Seminar Hall	Dr.K.LakshmiTamil Senior Assistant Surgeon, Government Hospital, Peravurani.

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4	Awareness program on "Corona Virus"	12/3/20	AN	Seminar Hall	Dr. Lakshmi Kandasamy M.D., Prof. of Microbiology, KAPV Govt. Medical College, Trichy
5	S P A R K 2 0 2 0	28/4/20		eSIP	(Online Competition)
6	Miss.Corona The Uninvited Guest	19/5/2	FN	eSIP	Dr. A. ABDUL RAHAMAN
7	Webinar on "These too will pass away"	29/5/20	FN	eSIP	Mr. G. Olivannan, CEO, EMERALD PUBLISHERS
8	"Bio-diversity in Mangrove Forests"	5/6/20	AN	esip	Dr.A.Abdul Rahman





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## 10. EXTRA CURRICULAR ACTIVITIES-SPORTS

Nil

### Anna University Zone -14 Tournaments Results 2019-2020


Nil

  
**IQAC COORDINATOR**

COORDINATOR / IQAC  
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**PRINCIPAL**

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
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PARTHIBAN.K	FDP			
	FDP	Teaching Engineering Graphics Using ICT Tool	2.12.2020	Mohammed shathak Engineering college
	FDP	Teaching Engineering Graphics Using ICT Tool	2.12.2020	Mohammed shathak Engineering college
		Introduction to DEVOP	11.6.2020	Sri Eshwar college of Engineering-Coiambature
	QUIZ	QUIZ ON MECHANICAL ENGINEERING	30.5.2020	Holy Mary Institute of technology
	QUIZ	QUIZ ON MECHANICAL ENGINEERING	6.9.2020	Arulmigu meenakshi amman college of Engineering
	Webinar	Catching the cyber virus	29.5.2020	ICT Academy
	Webinar	Elements of Industry 4.0	5/30/2020	M.A.M School of Engineering, Trichy.
	Webinar	Lockdown Diaries	5/16/2020	M.A.M School of Engineering, Trichy.
	Virtual FDP	Outcome based Learning	5/20/2020	M.A.M School of Engineering, Trichy.

### Department of Mechatronics Engineering


1. S.Saravanan, of the Mechatronics Engineering Department has successfully completed the 12 week (July- Oct 2019) NPTEL Online Certification course conducted by IIT Chennai, "Digital Image Processing".





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2. M.Suba pradha, of the Mechatronics Engineering Department has successfully completed the 12 week (July- Oct 2019) NPTEL Online Certification course conducted by IIT Chennai, “Sensors and Actuators”.
3. S.Saravanan, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.
4. M.Subapradha, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.
5. P.Sudha, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.
5. M.Arumugasamy, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.

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6. M.Chandrasekar, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.

7. Dr.A.Punitha, of the Mechatronics Engineering Department has successfully completed the 15 Days(1.5.2020 to 15.5.2020) Online course on “Career Edge-Knockdown the Lockdown” conducted by Tata Consulting Service - TCS ION.

8. P.Sudha, of the Mechatronics Engineering Department has successfully completed the 12 Days (25.5.2020 to 6.6.2020) Online course on “Art and Skills for Effective Teaching (ASET)” conducted by Saveetha Engineering College Chennai.

9. M.Chandrasekar, of the Mechatronics Engineering Department has successfully completed the 12 Days (25.5.2020 to 6.6.2020) Online course on “Art and Skills for Effective Teaching (ASET)” conducted by Saveetha Engineering College Chennai.

#### 4.8.2 FACULTY PUBLICATIONS IN JOURNAL

##### Department of Aeronautical Engineering

Title of paper	No of Publications	Name of the author/s	Name of journal	Year of pub	ISSN number	Link to the recognition in UGC	Average Impact Factor	National /International
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[www.mamse.in](http://www.mamse.in)

				lication		enlistment of the Journal		
Microstructural characterization and mechanical properties of Al7075/BN metal matrix composites prepared by conventional casting method', Material Research Express, vol.06, pp.066506	1	Dr. K. Chandrasekaran	Material Research Express	Jan-19	2053-1591	<a href="https://iopscience.iop.org/journal/2053-1591">https://iopscience.iop.org/journal/2053-1591</a>	2.3	International
Investigation on mechanical and tribological properties of AA5083/Gr/BN and AA5083/Gr/Al <sub>2</sub> O <sub>3</sub> hybrid composites for marine applications, Interiencia Journal, vol.45, no.2 pp.346-369	1	Dr. K. Chandrasekaran	Interiencia Journal	Mar-20	0378-1844	<a href="http://intericienciajournal.com/">http://intericienciajournal.com/</a>	0.28	International
Investigation of Nitronic-60 using Zinc Coated Wire, Wutan Huatan Jisuan Jishu, vol.16, no.6 pp.123-130.	1	Dr. K. Chandrasekaran	Wutan Huatan Jisuan Jishu	Mar-20	10011749	<a href="https://www.scimagojr.com/journalsearch.php?q=87584&amp;tip=sid">https://www.scimagojr.com/journalsearch.php?q=87584&amp;tip=sid</a>	0.5	national
'Optimization of drilling process parameters of electrical discharge machining in Inconel 718 material, GEDRAG & ORGANISATIE REVIEW, vol.33, no.2 pp.1983-1993.	1	Dr. K. Chandrasekaran	GEDRAG & ORGANISATIE REVIEW	Mar-20	9215077	<a href="https://www.scimagojr.com/journalsearch.php?q=19900193866&amp;tip=sid&amp;clean=0">https://www.scimagojr.com/journalsearch.php?q=19900193866&amp;tip=sid&amp;clean=0</a>	0.5	national

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### Department of Computer Science and Engineering


S. NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Mr. P. P. P. Kumar	Efficient Intrusion Detection System of Botnet Command and Control Traffic	Accepted
2	Ms. Murugavalli	Theft Identification System Based on Face Recognition using IoT	Accepted

### Department of Electronics and Communication Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	P. KAVITHA	IOT based smart Electronic Digital Notice Board	International Journal of Information and Computing Science
2	P. KAVITHA	IoT enabled economic human safety for co emission constraints with self-alert system	International Journal of Information and Computing Science
3	P. KAVITHA	Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology	International Journal of Information and Computing Science
4	P. KAVITHA	Eradication of hydraulic anomalies using smart sewer inspection robot	International Journal of Advance Research, Ideas and Innovations in Technology
5	T. ASHOK	IOT based smart Electronic Digital Notice Board	International Journal of Information and Computing Science
6	T. ASHOK	IoT enabled economic human safety for co emission constraints with self-alert system	International Journal of Information and Computing Science





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7	T.ASHOK	Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology	International Journal of Information and Computing Science
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#### Department of Electrical and Electronics Engineering

Dr,M.Sangeetha	Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power Plant	Jun-20	International Journal of Reasearch and Analytical Reviews (IJRAR)
Mr. G.Purushothaman	Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power Plant	Jun-20	International Journal of Reasearch and Analytical Reviews (IJRAR)
Mr. A.Senthamarai kannan	Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power Plant	Jun-20	International Journal of Reasearch and Analytical Reviews (IJRAR)

#### Department of Electronics and Communication Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	P.KAVITHA	IOT based smart Electronic Digital Notice Board	International Journal of Information and Computing Science
2	P.KAVITHA	IoT enabled economic human safety for co emission constraints with self-	International Journal of Information and Computing

	<b>M.A.M. SCHOOL OF ENGINEERING</b>	
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		alert system	Science
3	P. KAVITHA	Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology	International Journal of Information and Computing Science
4	P. KAVITHA	Eradication of hydraulic anomalies using smart sewer inspection robot	International Journal of Advance Research, Ideas and Innovations in Technology
5	T. LASHOK	IOT based smart Electronic Digital Notice Board	International Journal of Information and Computing Science
6	T. LASHOK	IoT enabled economic human safety for co-emission constraints with self-alert system	International Journal of Information and Computing Science
7	T. LASHOK	Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology	International Journal of Information and Computing Science

### Department of Electrical and Electronics Engineering

S.No	Professor/Faculty	Title of paper	PUBLISHED IN
1	Mrs. S. S. Anidevi	Wireless power transmission using electric vehicle	International Journal Of Engineering And Technology
2	Mr. A. S. Anandhan	A novel implementation to design co-joined system with wind and solar for moving train.	International Journal Of Engineering And Technology
3.	Mr. A. S. Anandhan	Load shift potential analysis and automatic mapping using various demand response.	International Journal Of Engineering And Technology
4.	Mr. S. S. Anandhan	Analysis and Design of the fault current limiting by using Bridge type	International Journal Of Engineering Research And Technology






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		FCL in the multi terminal smart grid.	
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Title of paper	No of Publications	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	Average Impact Factor	National /International
Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power Plant	1	Dr,M.San geetha	International Journal of Research and Analytical Reviews (IJRAR)	Jun-20	ISSN 2348-1269	<a href="mailto:editor@ijrar.org">editor@ijrar.org</a>	2.3	International
Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power	1	Mr. G.Purushothaman	International Journal of Research and Analytical Reviews (IJRAR)	Jun-20	ISSN 2348-1269	<a href="mailto:editor@ijrar.org">editor@ijrar.org</a>	2.3	International


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Plant								
Neural Network Controller based UHVDC for Enhancement of Transients Compensation in Integrating Offshore Wind Power Plant	1	Mr. A.Senthamarai kanman	International Journal of Research and Analytical Reviews (IJRAR)	Jun-20	ISSN 2348-1269	editor@ijrar.org	2.3	national

### Department of Mechatronics Engineering


S.No	Name of the Faculty	Title of paper	Published In
1	Dr.D.Pajkumar	Investigation of high temperature wear performance on laser processed nodular iron using optimization techniques	Results in physics (ELSEVIER)
2	Dr.D.Pajkumar	Investigation of Drilling behavior of CFRP composites using optimization techniques	Research article mechanical Engineering (Springer)
3	Dr.D.Pajkumar	Minimum cutting thickness and	Materials Today



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		surface roughness achievieng during micromachining of aluminium 19000 using CNC machine	proceedings(Science Direct)
4	K.Umarani	Smart energy monitoring system using IOT	International journal of Computational research and development (IJCRD)
5	Dr.D.Rajkumar	Machinability study on CFRP composite using Taguchi based grey relational analysis	Materials Today proceedings(ELSEVIER)
6	Dr.A.Punitha	Study of vehicular AD-HOC network in cognitive radio	International journal of science and research (IJSR)
7	Dr.A.Punitha	Improved caching and trust based reliable mobile communication in distributed environment	International journal of Engineering and advanced Technology(IJEAT)
8	Dr.D.Rajkumar	Comparative study of mechanical Technologies over laser technology for drilling carbon fiber reinforced polymer materials	Indian journal of engineering & material science
9	Dr.A.Punitha	Android based defence robot	International journal of recent technology and engineering (IJRTE)

#### 4.8.3. FACULTY PUBLICATIONS IN CONFERENCES

	<b>M.A.M. SCHOOL OF ENGINEERING</b>	
Accredited by NAAC Approved by AICTE, New Delhi; Affiliated to Anna University, Chennai		
Srirangapur, Trichy -621 105.	<a href="http://www.mamse.in">www.mamse.in</a>	

### Department of Aeronautical Engineering

1. Chandrasekaran, K, 2019, 'Identification of optimum parameter for wear rate Al6061 / Al<sub>2</sub>O<sub>3</sub>/MoS<sub>2</sub> Composite", Proceedings of second international conference on Recent Innovations and Development in Mechanical Engineering, pp.21.
2. Chandrasekaran, K, 2020, "Machinability and Characteristic study of Marine Applications", Proceedings of Second international conference on New Scientific Creations in Engineering and Technology.
3. Chandrasekaran, K, 2020, 'Machinability and Characteristic study of Marine Applications", Proceedings of AICTE Sponsored International Conference on Technological Advancements in Mechanical Design, Manufacturing and Energy Sectors.
4. Chandrasekaran, K, 2020 'Optimum Process Parametr for HANSON Robot in CNC Turning Operation: Stability Fraction Analysis, Proceedings of national conference on Robotics and Automation Engineering, pp. 28
- 5.


### Department of Computer Science and Engineering

1. Ms. C.Meena, Department of Computer Science Engineering has participated in 1<sup>st</sup> Web International Conference on Smart Engineering Technologies 2020 (ICSET - 2020) during 26-27 June 2020 was conducted by Ramco Institute of Technology Pajaj, Jayam.

### Department of Electronics and Communication Engineering






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1. P.Kavitha,,Department of Electronics and Communication Engineeringhad published a paper on “Bluetooth and GSM based Intelligent Vehicle Systems for Women Safety using Embedded Technology” in the National Conference at Dhanalakshmi Srinivasan Engineering College, Perambalur on 13th March 2020
2. P.Kavitha,, Department of Electronics and Communication Engineering had published a paper on “Smart Sewer Robot to detect and remove hydraulic anomalies “in the National Conference at M.Kumarasamy College of Engineerng, Karur.

#### **Department of Electrical and Electronics Engineering**

1. Mr. G. Purushothaman, 2020, ‘Bi-directional series resonant using ZVS switch”, Fifth - National Conference on "Electrical Power and Energy Systems- 2K20 g,.
2. Mr. G. Purushothaman , 2020, ‘A Power factor connected LLC resonant converter for electrical vechile charging with Cuk Controller”, National Conference on "Robotics & Automation Engineering".

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3. Mr K. Vinothini, 2020, 'An integrated step up inverter without transformer and bridge current for grid connected photo voltaic system Design, National Conference on "Robotics & Automation Engineering".
4. Mr K. Vinothin, 2020 'Optimal design method of Interleaved Boost PFC for improving efficiency from switching frequency, Boost inductor, Fifth - National Conference on "Electrical Power and Energy Systems-2K20
5. Mr. M. Ismail Gani, Modelling and implementation of fixed switching frequency sliding mode controller for negative output elementary super lift Luo converter Fifth - National Conference on "Electrical Power and Energy Systems-2K20.

#### Department of Mechanical Engineering

Title of the paper	Name of the author	Title of the journal	ISBN/ISSN number of the Journal	Year of publication	Citation Index
Investigation of Nitronic using zirconia Coated	P. Ramesh Nathan, K. Chandrasekarans	WUTAN HUATAN JISUAN JISHU	1001-1749	2020	6
Optimization on drilling parameters electric Discharge machining INCO 825 B7M	P. Ramesh Nathan, K. Chandrasekarans	GEDRAG&ORGA NISATE REVIEW	0921-5077	2020	6






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aterial					
Effect of WEDM Process Parameters on Surface Roughness and Waviness of Inconel 603XL	K. Manikandan , P. Ranjith Kumar S. Muthukumaran and B. Suresh Kumar	Journal of new material for electrochemical system		2020	

### Department of Mechatronics Engineering

1. P.Sudha, Department of Mechatronics Engineering had published a paper entitled "Investigation of process Parameters in wire EDM for Inconel 603 xl" in International level Conference organized by Kongunadu College of Engineering and Technology Namakkal.
2. M.Subapradha, Department of Mechatronics Engineering had published a paper in International level Conference organized by St.Joseph College of Engineering - Chennai.

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3. S.Saravanan, Department of Mechatronics Engineering had published a paper entitled "Analysis of pulse on time on hole size and Radial overcut martenstic stainless steel" in International level Conference organized by Kongunadu College of Engineering and Technology Namakkal.
4. M.Arumugasamy, Department of Mechatronics Engineering had published a paper in International level Conference organized by St.Joseph College of Engineering - Chennai.
5. M.Chandrasekar, Department of Mechatronics Engineering had published a paper titled "Investigation of Welding parameters for AISI304 Dissimilar metal weld in chemical industry" in National level Conference organized by Er. Perumal Manickalai College of Engineering -Hosur.

#### 4.8.4. OUT FACULTY AS RESOURCE PERSONS

##### Department of Aeronautical Engineering

1. AEC College of Engineering, Bangalore.  
Robotics Application Techniques (05.01.2019).
2. M.A.M. School of Engineering, Trichy.



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Title: Optimization Techniques (15.06.2020).

#### Department of Mechatronics Engineering

P.Sudha delivered a Lecture on “Electronic Circuits I” at Dhanalakshmi Srinivasan Engineering College – Perambalur.


#### 4.8.5. FACULTY PARTICIPATION IN FACULTY DEVELOPMENT PROGRAM/WORKSHOP/SEMINAR.

##### Department of Aeronautical Engineering

Title of the professional development programme	Number of teachers who attended	Date and Duration(from – to)
TCS ION	Dr.K.Chandrasekaran	02.05.2020-16.05.2020 [14 Days]
TCS ION	Mr.K.M.Sridhar	02.05.2020-16.05.2020 [14 Days]
TCS ION	Ms.V.Priyadharshini	02.05.2020-16.05.2020 [14 Days]
TCS ION	Ms.Jebapriyaadharshini	02.05.2020-16.05.2020 [14 Days]

##### Department of Computer Science and Engineering

1. Mr.G.Rajesh KumarhasparticipatedOnline Faculty Development Program on “Artifitial Intelligence” from 22<sup>nd</sup> May 2020 to 26<sup>th</sup> May 2020 was conducted by Christian College of Engineering and Technology, Dindigul.


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2. Ms. S.Murugavalli has participated Faculty Development Program on “Latex” from 29-04-2020 to 05-05-2020 was conducted by V.O. Chidambaram College, Thoothukudi.
3. Mr.K.Sethish Kumar has participated Online Faculty Development Program on “Math Science Concepts – Theoretical and Practical Approach” from 15<sup>th</sup> to 19<sup>th</sup> June 2020 was conducted by Dayananda Sagar University, Bengaluru.


### **Department of Electronics and Communication Engineering**

1. P.Kavitha has attended 5 days ATAL FDP on “ Recent Advances in Signal Processing, RF, and Wireless Communication at Government College of Engineering, Srirangam
2. T.Ashok has attended 5 days ATAL FDP on “ Recent Advances in Signal Processing, RF, and Wireless Communication at Government College of Engineering, Srirangam



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3. P.Kavitha,P.Sudha,K.Umarani,N.Karthiga,P.Jency Leena and D.Dhanalakshmi had attended IETE sponsored one day workshop on “Stabilty Analysis And Matching Network Design For Rf Devices” at K.Ramakrishnan College of Technology on 20.09.2019
4. P.Jency Leena,N.Karthiga and G.Sathish Kumar had attended Faculty Development program on “Recent Development in Industries and Evolution of Industry 4.0” at K.Ramakrishnan College of Technology on 18.09.2019.
5. P.Kavitha has attended 10 days Online FDP on “Arts and Skills for effective teaching” conducted by saveetha Engineering College from 25.05.20 to 06.06.20.
6. T.Ashok has attended 10 days Online FDP on “Arts and Skills for effective teaching” conducted by saveetha Engineering College from 25.05.20 to 06.06.20.
7. P.Kavitha has attended online FDP on “ Digital Tools for Learning “ conducted by Annamalai University from 12.05.20 to 18.05.20
8. T.Ashok has attended online FDP on “ Digital Tools for Learning “ conducted by Annamalai University from 12.05.20 to 18.05.20

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9. A Karthick Kumar has attended online FDP on “Recent Trends and Research Opportunities in 5G and beyond” conducted by SRM institute of Technology, Chennai from 25.04.20 to 27.04.20


10. A Karthick Kumar has attended online FDP on “Latest Wireless and Computing Technologies” conducted by National Institute of Technical Teachers training and Research, Sandigarh from 14.04.20 to 18.04.20

### Department of Electrical and Electronics Engineering

Title of the professional development programme	Number of teachers who attended	Date and Duration(from – to)
Electrical Measurement and Instrumentation	5	21.07.2019
Power System	5	29.08.2019
Electrical machines	5	13.09.2019
Synchronous motor	5	04.10.2020
Induction motor	6	10.01.2020
Power Electronics	6	04.02.2020
Design of power electronics	5	25.02.2020
Three phase power system	6	06.03.2020

### Department of Mechanical Engineering




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	Siruganur, Trichy -621 105.	<a href="http://www.mamse.in">www.mamse.in</a>

Title of the paper	Name of the author	Title of the journal	ISBN/ISSN number of the Journal	Year of publication	Citation Index
Investigation of Nitronic -60 using zinc Coated Wire	R.Ramanathan ,K.Chandrasekarans	WUTAN HUATAN JISUAN JISHU	1001-1749	2020	6
Optimization on drilling Process parameters of electrical Discharge machining in INCONEL 718 Material	R.Ramanathan, K.Chandrasekarans	GEDRAG&ORG ANISATE REVIEW	0921-5077	2020	6
Effect of WEDM Process Parameters on Surface Roughness and Waviness of Inconel 603XL	K. Manikandan , P. Ranjith Kumar S. Muthukumaran and B. Suresh Kumar	Journal of new material for electrochemical system		2020	

### Department of Mechatronics engineering

1. S.Saravanan of Mechatronics Engineering had attended Five days Online Faculty Development Program on "Artificial Intelligence" from 24.4.2020 to 28.4.2020 at Indian Institute of Information Technology – (IIIT Nagpur).

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20.P. Sindha of Mechatronics Engineering had attended One Day Online Webinar on

"More Tech 2020" on 19.5.2020 conducted by ICT Academy Chennai.

21.P. Subha of Mechatronics Engineering had attended One Day Online Webinar on

"Good Teacher to Great Teacher" on 14.5.2020 conducted by ICT Academy

Chennai.

22.M.Subapradha of Mechatronics Engineering had attended One Day Online

Webinar on "IOT" on 7.5.2020 conducted by Crystal Clear Technology and Clear

Computing.

23.M.Armmugasamy of Mechatronics Engineering had attended One Day Online

Webinar on "Good Teacher to Great Teacher" on 14.5.2020 conducted by ICT

Academy Chennai.


24.M.C. Praveekar of Mechatronics Engineering had attended One Day Online

Webinar on "Good Teacher to Great Teacher" on 14.5.2020 conducted by ICT


Academy Chennai.





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15. Dr. A. Punitha of Mechatronics Engineering had attended One Day Online Webinar on “Accelerating 4.0” on 27.5.2020 conducted by ICT Academy Chennai.
16. M. Chandrasekar of Mechatronics Engineering had attended One Day Online Webinar on “Accelerating 4.0” from 1.5.2020 to 15.5.2020 (15hrs) conducted by Evaluation Careers Chennai.
17. M. Subapradha of Mechatronics Engineering had attended One Day Online Webinar on “Accelerating 4.0” on 27.5.2020 conducted by ICT Academy Chennai.
18. M. Subapradha of Mechatronics Engineering had attended One Day Online Webinar on “Future of Skills Education Employment & Entrepreneurship” on 13.5.2020 conducted by ICT Academy Chennai.
19. P. Sudha of Mechatronics Engineering had attended One Day Online Webinar on “Future of Skills Education Employment & Entrepreneurship” on 13.5.2020 conducted by ICT Academy Chennai.


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and Simulation ” from 28.5.2020 to 30.5.2020 conducted by Vellore Institute of Technology Chennai.

11. S. Saravanan of Mechatronics Engineering had attended Four days Online Faculty Development Program on “Research Funding Projects and IPR ” from 7.5.2020 to 10.5.2020 conducted by K.C College of Engineering and Management Studies and Research Thanjavur.
12. P. Sudha of Mechatronics Engineering had attended One days Online Faculty Development Program on “Psychological Perspectives of Covid 19 ” on 22.5.2020 conducted by Soka Ikeda College of Arts and Science for Women- Chennai.
13. M. Chandrasekar of Mechatronics Engineering had attended Five days Online Faculty Development Program on “Data Science Industry Trends” from 22.6.2020 to 26.6.2020 at Panimalar Engineering College Chennai.
14. P. Arun Kumar of Mechatronics Engineering had attended One Day Online Faculty Development Program on “Auto Tech 2020” on 19.5.2020 conducted by ICT Academy Chennai.





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25.M.Arumugasamy of Mechatronics Engineering had attended One Day Online Webinar on “Future Tech 2020” on 19.5.2020 conducted by ICT Academy Chennai.

26.M.Chandrasekar of Mechatronics Engineering had attended One Day Online Webinar on “Future Tech 2020” on 19.5.2020 conducted by ICT Academy Chennai.

27.S.Saravanan of Mechatronics Engineering had attended One Day Online Webinar on “Future Tech 2020” on 19.5.2020 conducted by ICT Academy Chennai.

28.M.Arumugasamy of Mechatronics Engineering had attended One Day Online Webinar on “Future of Skills Education Employment &Entrepreneurship” on 13.5.2020 conducted by ICT Academy Chennai.

29. M.Chandrasekar of Mechatronics Engineering had attended One Day Online Webinar on “Future of Skills Education Employment &Entrepreneurship” on 13.5.2020 conducted by ICT Academy Chennai.

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30.S. Srivastava of Mechatronics Engineering had attended One Day Online Webinar on "Future of Skills Education Employment & Entrepreneurship" on 13.5.2020 conducted by ICT Academy Chennai.

31.M. Chandrasekar of Mechatronics Engineering had attended One Day Online Webinar on "Change is The Essence of Life" on 25.5.2020 conducted by ICT Academy Chennai.

32.P. Velha of Mechatronics Engineering had attended One Day Online Webinar on "Real Life Application of Mechatronics" on 9.5.2020 conducted by Chennai Institute of Technology Chennai.


#### 4.8.6 INDUSTRIAL VISIT ATTENDED BY FACULTY:

##### Department of Aeronautical Engineering

Name Of Faculty	Name Of The Company / Firm / Institution Visited	Ceo Name	Date	Starting Date	Ending Date	Address Of The Company
Dr.K.Chandrasekaran	G.B.Engineering Enterprises Private Limited	B.Rajarathnam	03.06.2019	03.06.2019	05.06.2019	G.B.Engineering Enterprises Private Limited, D-99, Dp Estates, Thuvakkudy, Tiruchirapalli – 620 015





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## Annual Report 2018-2019

### DEPARTMENTS:


Our college has 6 Departments in UG (AERO, CSE, ECE, EEE, MECH, MECHT) and 2 PG programmes (PED and CIM) with the students' strength: **718**

### 1. BASIC INFRASTRUCTURE FACILITY

The sprawling College Campus is spread over 11.47 acres of Greenery with a built up area of more than 1 Lakh sq.ft. The Class room and Seminar hall area is 27,091 sq.ft., laboratory area is 47,275 sq.ft. And other amenities are 26,279 sq.ft. The investment made so far in building alone is 20 crores.

We got an extraordinary Campus with green, eco-friendly and well ventilated classrooms, expansive corridors, a central library, modernized computer lab with LAN Network and Wi - Fi facilities. Extended labs installed with modernized equipments, Machineries, safety measures and latest gadgets in all departments, besides separate well maintained laboratories by the Department of Science & Humanities.



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We have a seminar hall and a smart class room for learning and training with a capacity to accommodate nearly 450 students. We have separate hostel facilities for Boys and Girls with purified RO drinking water, ventilated and spacious rooms. We are providing highly hygienic and nutritious food to make the students feel homely. We have a well managed dispensary in case of any emergency needs of the students.


## **2.1. TRANSPORT FACILITIES**

Ample number of college buses are operated for the students to arrive at the college on time. College buses are operated in all the directions covering 60km radius to increase the comfort level of students during the peak hours.

## **2.2. LIBRARY**

The college has an excellent Central Library, located in a spacious building of 534 sq.m. area with a peaceful reading hall for the benefit of students, faculty and research community. The library has a rich collection of books covering various branches of Engineering, Science, Humanities and related fields. The library has more than 18,750 volumes of books consisting of 4088 titles. The



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library subscribes to 52 National and 46 International journals and there are about 369 back volumes. The Reference section of the Library has large collection of International editions of Reference books, Handbooks, Conference proceedings, Encyclopedias and various reference documents. Well stocked and updated library includes books for various Competitive examinations like GATE, TOEFL, AMCAT and other Government examinations. Our Library also has subscribed to e-journals of DELNET. The library is kept open from 9.00 am to 9.00 pm including holidays for the benefit of the students. 5165 Book Bank facilities are also available in library for SC/ST Students.

### 2.3 .FACULTY MEMBERS

We have got fully dedicated teams of highly qualified, proficient teachers with a total count of 90, as per AICTE Norms. They adapt innovative teaching practices to make learning more interesting. They extend supplementary coaching to late bloomers.

## 2. SPECIAL PRESTIGIOUS AWARDS FOR OUR INSTITUTION



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1. Our College was awarded with KALVI SEVAI award for the best engineering in the year 2018-19 by SSG TV.
2. Our College was awarded with AICTE CII- Institution Gold Rating for the year 2018.

### 3. ACADEMIC PERFORMANCE


We are proud to keep our Institution well ahead of others through conducting Continuous Internal Assessment Tests and Model exams prior to facing University examinations and thereby marching towards the best results in the University examinations.

#### 4.1 UNIVERSITY EXAM RESULTS BY FACULTY:

During April/May 2018 and November/December 2018, our faculty members produced 100% result in 13 subjects and above 85% in more than 24 subjects. On this gracious occasion, I take esteemed pleasure in congratulating all the faculty members who have been consistently doing it.

#### 4.2 GRADUATION DAY



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5<sup>th</sup> Graduation day was organized by M.A.M. School of Engineering on 8<sup>th</sup> September 2018. Dr. R. Srinivasan, Member Secretary, TNSCST – Chief Guest of the ceremony gave the degree stressed upon the innovative methods, knowledge oriented learning culture and the role of TNSCST in education, which was not only an eye opener to the graduands but also the teaching fraternity of M. A. M. S. E.

#### 4.3. UNIVERSITY EXAM TOPPERS BY STUDENTS:

We are very happy and highly proud to announce the names of the achievers in university examinations.

##### DEPT : AERO

YEAR	RANK	APR/ MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	P.Dhivya	7.8	P.Dhivya	7.9
III YEAR	1	V. Pooja	8.0	V. Pooja	8.1
	2	T.Indira	8.0	T.Indira	8.1
II YEAR	1	P. Palanisamy	7.0	P. Palanisamy	7.2
	2	-		K. Abdul Rahman	7.0

##### DEPT : CSE

YEAR	RANK	APR/MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	K.Dhivya	8.28	K.Dhivya	7.5
	2	K.B.Shrinithi	7.88	A.Mohamed Hakkim	7.2
III YEAR	1	N. Firthous Banu	7.68	N. Firthous Banu	7.68
	2	C.Anitha Devi	6.73	S.Abinaya	7.38
II YEAR	1	M.Manjula	6.63	Nil	NIL





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2	G.Aasha	6.38	Nil	NIL
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**DEPT : ECE**

YEAR	RANK	APR/MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	G.Ramalakshmi	8.3	Madhumitha.K Sumaiya Sulthana.S S.Ammu	7.6
	2	Madhumitha.K Sumaiya Sulthana.S	8.2	G.Ramalakshmi	7.5
III YEAR	1	-		Karthika.K	8
	2	-		Madhu Mitha.M	7.5
II YEAR	1	P.Kaviya	7.16	S.Subha	7.0
	2			-	


**DEPT : EEE**

YEAR	RANK	APR/MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	Amreen Sulthana Begum.R	8.5	Amreen Sulthana Begum.R	8.5
	2	M. Gayathiri	7.9	M. Gayathiri	7.9
III YEAR	1	-		Mohammad Aashik.S	6.5
	2	-		-	
II YEAR	1	Santhiya.S	7	-	
	2	Abdul Rahman .M	6.8	-	

**DEPT : MECH**

	RANK	APR/MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	T. Anand Babu	8.0	T. Anand Babu	8.02
	2	M. Deepak Ruben	7.58	M. Deepak Ruben	7.97



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		Santhiyagu		Santhiyagu	
III YEAR	1	K. Naveen Kumar	7.60	K. Naveen Kumar	7.66
	2	M. Moorthi	7.52	M. Muthu Kumar	7.60
II YEAR	1	V.Vijayaprathap	6.63	R. Karthikeya	7.9
	2	Nil	Nil	V. Vijayaprathap	7.08

#### DEPT: MECHATRONICS ENGINEERING

YEAR	RANK	APR/MAY 2018	CGPA	NOV/DEC 2018	CGPA
IV YEAR	1	Raju R	7.72	Raju R Ramanathan A	7.92
	2	Muthuprakash M	7.62	Marudhaselvam S	7.87
III YEAR	1	Abinas Kumar.A	7.78	-	
	2	Arun Kumar .R	7.48	-	
II YEAR	1	Mohammed Nowfull.N	7.26	M.R.Mohammed Hussain	7.43
	2	Varshini.T	7.13	Varshini.T	7.11


#### I YEAR

#### 4.4 STUDENTS WHO HAVE GOT 100% ATTENDANCE

We are very happy to announce that following students have attended all the classes maintain the 100% attendance for this academic year.

1. P.Palanisamy - II year Aero
2. A.Balamurugan - II year Aero
3. S.Reena - III year CSE



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4. S.Surya - IV year Mech
5. M. Madhumitha - III year ECE
6. E. Lakshmi Priya - IV year EEE

#### 4.5 STUDENTS' FUNDED PROJECTS AWARDED FOR 2018-2019

The below mentioned students have received an amount of Rs.15,000.00 from Tamil Nadu State Council for Science Technology(TNSCST) under student project funding scheme for the academic year 2018-2019.

S.No	Title of Project	Dept.	Students Member	Faculty Coordinator	Amount
1	Automation for Safety in heavy Vehicle	Mechatronics	G.DilonAntoy M.Nithyanantham S.Maruthaselvam M.Maharaja	D.Mahalingam	7500/-
2	Increasing the engine speed by using flywheel booster		S.Ranjithkumar S.Denis I.AjayPrasanth M.Asalam Nijamudeen	A.Jothivel	7,500/-

✓ 31 teams have submitted projects for AICTE Smart India Hackathon'19.



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- ✓ 5 student teams from Department of Aeronautical Engineering, CSE, EEE, ECE and Mechanical Engineering have submitted **AICTE-ECI-ISTE Chattrra Vishwakarma Project**. Out of 5 teams, 4 teams have been selected to the next level.

### 4.6 STUDENTS ACHIEVEMENTS

#### 4.6.1 AWARDS & CERTIFICATION IN SYMPOSIUM/CONFERENCE/WORKSHOP

##### Department of Aeronautical Engineering

1. S.Romanus, P.Dhivya, G.Dharmaraj, M.Poovarasana of IV year had participated in One day workshop, organized by SASTRA University Thanjavur (23.9.2018)
2. S.Romanus, V.Dhinakaran, S.Jeeva of IV year had attended One day workshop organized by TNSCST, Trichy.(20.10.2018)
3. D.Sridharan V.Ajithkumar N.Navindhar students of II year T.Indira, M.Nithya students of III year had participated in two days National level workshop (DRDO-ARMREB Sponsored) organized by Selvam College of Technology, Namakkal (27.12.2018)





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4. P.Palanisamy B.Sajahan R.Yuvashree M.Abirami M.Prasanth D.Sridharan K.Abulrahman students of II N.Ezhilarasi K.Dhivya students of IV year had participated in Two days workshop organized by MIT, Chennai.(1.3.2019)
5. S.Romanus, S.Jeera, V.Dhinakaran of IV year had participated in the TNSCST sponsored Workshop on "Capacity building for industry needs" organized by DSIT, Trichy (20.1.2019).
6. G.Dharmaraj, K.Dhivya, S.Dinesh of IV year had published papers entitled "Performance characteristics of a variable span wing" in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy. (21.03.2019)
7. V.Dhinakaran, S.Ajithkumar of IV year had published papers entitled "Design and flow field analysis of a Scramjet Hypersonic Nozzle" in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy. (21.03.2019)




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8. G.Jayasurya, J.Kaviyarn, A.Vijayferoz of IV year had published papers entitled "Damage Tolerance analysis of wing fuselage attachment bracket for a medium size civil transport aircraft" in the National Conference organized by M.A.M. College of Engineering &Technology, Trichy. (21.03.2019)
9. S.Romanus, N.Ezhilarasi, S.Dinesh of IV year had published papers entitled "Fatigue life & stress analysis of a fuselage panel using FEM" in the National Conference organized by M.A.M. College of Engineering &Technology, Trichy. (21.03.2019)
10. S.Romanus, N.Ezhilarasi, S.Dinesh from final year had published papers in the Inter-National Conference organized by V.R.S. College of Engineering &Technology, Trichy. (22.03.2019)

#### **Department of Computer Science Engineering**


1. A.Mohameed Hakkim had attended 3 days Workshop in Dhanalakshmi Srinivasan Institute of Technology, Trichy.
2. K.Dhivya had attended 3 days Workshop in Dhanalakshmi Srinivasan Institute of Technology, Trichy.



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3. 17 students of Second year CSE students had attended Two Days Workshop in IIHT on 27.11.2018.
4. S.Noor Nisha, M.Yogapriya, M.Sivagandhi of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
5. T.R.V. Nithish Kumar, S.Nixan, of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
6. S.Sharmela, F.A.Monica Seles of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
7. S. Yasvaanth, P. Karna of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
8. A. Mohamed Hakkim, S. Tamil Selvan of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
9. K.Dhivya, K.B.Shrinithi of IV year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.



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10. Abinaya, Arunkumar, Anithadevi of III year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
11. Aasha, Varsha of III year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
12. Mohameedyasar, Udayanithi of III year had presented a paper and in the symposium organized by M.A.R Group of Institutions, Trichy on 8.3.2019.
13. S.NoorNisha, M.Yogapriya, M.Sivagandhi of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy on 13.3.2019
14. T.R.V.Nithish Kumar, S.Nixan of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy on 13.3.2019.
15. S.Sharmela, F.A.Monica Seles of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy on 13.3.2019.




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- 16.S. Yasvaanth, P. Karna of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy on 13.3.2019.
- 17.A. Mohamed Hakkim, S. Tamil Selvan of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy on 13.3.2019.
- 18.K.Dhivya, K.B.Shrinithi of IV year had published a paper in the International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College, Trichy on 13.3.2019.
- 19.K.Dhivya, M.Sivagandhi, Mohamed Hakkim of IV year had participated in the TNSCST sponsored Workshop on “Capacity building for industry needs” organized by DSIT, Trichy.

#### **Department of Electronics and Communications Engineering**


1. K.Madhumitha, A.Madhumitha and S.Sumaiya sulthana of IV year had presented a paper and won first prize in the symposium organized by CARE Group of Institutions, Trichy.



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2. S. Santhanam of IV year had presented a paper in symposium organized by M.A.M College of Engineering, Trichy.
3. K.Madhumitha and N. Gayathri of III year had presented a paper in the symposium organized by CARE Group of Institutions, Trichy.
4. S.Subha, S.Sangeetha, K.Gunavathi, K.Sumathi, L.Swetha and Vudhatha Dhanapriya from II year had presented a paper in the symposium organized by CARE Group of Institutions, Trichy.
5. S.Umamakeswari, S.Mownika, S.Suriyakala, S.Ammu and Sushmitha of IV year had presented a paper in the symposium organized by Indira Ganesan College of Engineering, Trichy.
6. S.Subha, S.Sangeetha, Kavya, Mohanapriya, UdhutaDhanapriya and Malavikka of II year had presented a paper in the symposium organized by Indira Ganesan College of Engineering, Trichy.
7. Santhanam.S, Ajith.M, Ramaraj.S of IV year had presented a paper entitled "Underground Army Communication using WUSN" in the National level Conference organized by M.Kumarasamy College of Engineering, Trichy.



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8. Madhumitha.A, Madhumitha.K, SumaiyaSulthana.S of IV year had presented a paper entitled "Smart sewer Inspection Robot to remove Hydraulic Anamolies" in the National level Conference organized by M.Kumarasamy College of Engineering, Trichy.
9. Suryakala.M, Swetha.L.N, M.Sharmila of IV year had presented a paper entitled "Smart energy monitoring system using IOT" in the National level Conference organized by M. Kumarasamy College of Engineering, Trichy.
- 10.K.Kalpana, UmaMakeshwari.S, Mownika.S of IV year had presented a paper entitled "Dynamic Spectrum sharing 5G wireless QSM cognitive networks" in the National level Conference organized by M. Kumarasamy College of Engineering, Trichy.
- 11.Malathi.V, Maria Julie.C, Ramalakshmi.G, Sushmitha.K of IV year had presented a paper entitled "Integrated Aviation system in air-ground communication" in the National level Conference organized by M. Kumarasamy College of Engineering, Trichy.



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12. Sridevi.A, Harshini.M, Priyanka.G of IV year had presented a paper entitled


“Innovative prevention system for repetitive behaviour of Autism Disorder” in the National level Conference organized by M. Kumarasamy College of Engineering, Trichy.

13. Asvithya.S, Ammu.S, Francina.I, Reeta.D of IV year had presented a paper entitled “Human Body Communication based health monitoring using wearable sensors” in the National level Conference organized by M. Kumarasamy College of Engineering, Trichy.

14. S.Uma maheswari, S.Santhanam, I.Francina, S.Ammu of IV year had participated in the TNSCST sponsored Workshop on “Capacity building for industry needs” organized by DSIT, Trichy.

15. R.Pavithra and N.Ragu of III year had presented a paper in the symposium organized by M.A.R College of Engineering & Technology, Trichy.




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### Department of Electrical and Electronics Engineering


1. E.Lakshmi Priya, V.Ramesh of IV year had presented a paper on “Maximum power tracking solar panel” in the Symposium organized by MAMCE, Trichy on 20.7.2018.
2. M.Gayathri, R.Amreen Sulthana Begam of IV year had presented a paper on “Solar power plant” in the Symposium organized by MAMCE, Trichy on 20.7.2018.
3. E.Lakshmi Priya, M.Gayathri of IV year had presented a paper on “Maximum power tracking solar panel” in the Symposium organized at Trichy Engineering College, Trichy.
4. M.Gayathri, R.Amreen Sulthana Begam and E.Lakshmi Priya of IV year had attended two days workshop on the topic “Power Electronics Converters for Micro Grids” organized by TRP Engineering College, Trichy on 21.8.2018.
5. M.Gayathiri of IV year had attended a seminar on “Need for Micro Grids in Tamilnadu (India)” organized by Selvam College of Technology, Namakkal on 31.8.2018.



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6. K.Vijayaprajesh of IV year had presented a paper in the Symposium organized by Muthayammal Engineering College, Namakkal 08.09.2018.
7. R.Ragu, Karthikeyan.P, Ashif mohammed.U, Abdul rahuman.M, Monisha.C, S.Sandhiya, A.Menaka, D.Seetha, R.Bharathi, Navaneetha Krishnan of II year had undergone an Inplant training on Industrial automation at Gateway Finishing School, Trichy on 16.11.2018 to 18.11.2018.
8. P.Saravanan, E.Dinesh,P.Anand Babu, S.Santhiya, S.Mohammed Thaufeek Rahman, S.Stephen of II year had undergone an Inplant training on IOT at Chrome Software Solution Pvt.Ltd. Madurai on 02.01.2019 to 04.01.2019.
9. Amreen Sulthana Begum, M.Gayathiri, T.Lavanya & E.Lakshmi Priya of IV year EEE had attended 3 days workshop on "Science Technology capacity building for Industrial needs from 30.01.2019 to 01.02.2019 in Dhanalakshmi Srinivasan Institute of Technolgy
- 10.E.Lakshmi Priya, M.Gayathri, R.Amreen sulthana begam, of IV year had participated in the TNSCST sponsored "Capacity building for industry needs". Workshop organized by DSIT, Samayapuram on 01.02.2019



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11. M.Gayathiri of IV year EEE had attended one days workshop on “Big Data” on 02.02.19 in IIHT solutions -Trichy.
12. M.Gayathiri of IV year EEE had attended two days workshop on “Ethical Hacking” on 22.02.19 & 23.02.19 in Indian Institute of Technology (IIT) - Madras, Adaiyar.
13. E.Lakshmipriya, T.Lavanya, N.Nivas of IV year had published paper in International Conference in the title of Wireless power transmission using electric vehicle on 04.03.2019 in TRP Engineering College, Trichy.
14. V.Ramesh, K.Vijayaprajesh, D.Ajith of IV year had published a paper in the International Conference in the title of “Load shift potential analysis and automatic trapping use various demand response” on 04.03.2019 in TRP Engineering College, Trichy.
15. M.Gayathri, R.Amreen Sulthana Begam, C.Ibrahim of IV year had published paper in the International Conference in the title of “A novel implementation to design co-joined system with wind and solar for moving train” on 04.03.2019 in TRP Engineering College, Trichy.




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16.R.Kalaipriya of II year M.E (P.E.D) published paper in the International Journal of Engineering Research and Technology in the title of “Analysis and Design of the fault current limiting by using Bridge type FCL in the multi terminal smart grid” on 22.03.19.

#### **Department of Mechanical Engineering**


1. Amarnath S, Anandha Babu. T of IV year had presented a paper entitled “Performance of Uncoated and Coated Carbide Cutting Tool for Turning Martensitic Stainless Steels under Dry Cutting Condition” in the International Conference organized by VRS College of Engineering, on 04.03.19.
2. Sriram S, Surya S, Suthish Raj S of IV year had presented a paper entitled “Fluids  $Al_2O_3$  and  $SiO_2$  in Performance Analysis of Nano Coated Micro Channels” in International Conference organized by VRS College of Engineering, 23.03.19.
3. Athief Anees S, Prabakaran S, Ukesh Kumar S of IV year had presented a paper entitled “Experimental Study for Ohns Steel in Electrical Discharge Machining Using Cu/TiC and Cu/Wc Electrode” in the National Conference



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organized by Er.Perumal Manimekalai College of Engineering, Hosur, on 04.03.19.


4. Azfadeen F, Balasubramanian V, Bhavanesh M of IV year had presented a paper entitled "Experimental Investigation of Electrical Discharge Machining for Aluminum with Multi Walled Carbon Nanotubes." in the National Conference organized by M.A.M.College of Engineering & Technology, Trichy, on 22.3.19.
5. Mohamed Azarudeen A, Mohamed Ismail, Nithin P.H. of IV year had presented a paper entitled "Machining Performance Of Tool Coating With  $TiCn/Al_2O_3/Tin$  In CNC Turning On Super Alloy X750 Using Statistical Approach" in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy on 22.03.19
6. Sathish K, Sathiya Moorthi A, Shanmugam B of IV year had presented a paper entitled "Effects Of Cutting Parameters And Quality Characteristics Of Boron Nitride Reinforcement On Al 7075/Bn Composites" in the National

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Conference organized by Er. Perumal Manimekalai College of Engineering, Hosur on 04.03.19.


7. Deepak Ruban Santhiyagu M, Dheban Kumar T, Dinesh Kumar G of IV year had presented a paper entitled "Experimental Study Of Machining Parameters For Turning Glass Fibre Reinforced Plastic Rod Using Coated Tool" in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy on 22.03.19
8. Pasupathi Bose. M, Pavithran CS, Prabhakaran A of IV year had presented a paper entitled "Experimental Machining Performance of Tool Coating with TiCn/Al<sub>2</sub>O<sub>3</sub>/Tin in CNC Turning On Super Alloy X750 Using Statistical Approach" in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy on 22.03.19
9. Sakthivel S, Sarath Kumar T, Sathish C of IV year had presented a Paper Entitled "Effects Of Cutting Parameters And Quality Characteristics Of Boron Nitride Reinforcement On Al 7075/Bn Composites" in the National



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Conference organized by Er. Perumal Manimekalai College of Engineering, Hosur. on 04.03.19

10. Praveen Kumar B, Rajasekaran C, Ramu P of IV year had presented a Paper Entitled "Investigation of An Alternative High Temperature Super-Heater Coil for a Heat Transfer in Welding" in the National Conference organized by E.R. Perumal Manimekalai College of Engineering, Hosur. on 04.03.19.
11. Annarajan A, Antony Prince S, Arun A of IV year had presented a Paper Entitled "[Development of Portable Tabletop Micro Factory for Sustainable Manufacturing System" in the National Conference organized by M.A.M.College of Engineering & Technology, Trichy on 22.03.19
12. Kalaimurugan A, Kanagaraj M of IV year had presented a Paper Entitled "Experimental Investigation Of Axial Shortening Of Friction Welded En24 Steel Joint" in the National Conference M.A.M. College of Engineering & Technology, Trichy on 04.03.19
13. Vignesh R, Arun M, Ashik Ameen A. M of IV year had presented a Paper Entitled "Performance Analysis of Nano Fluids  $Al_2O_3$  and  $SiO_2$  in Coated

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Micro Channels” in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy on 22.03.19

14. Vignesh.K, Gowsik. P, Joseph Vikram. V, Jayakumar of IV year had presented Entitled “Cnc Machining Parameter Study On Ohns Steel” in the National Conference organized by M.A.M. College of Engineering & Technology, Trichy on 22.03.19

#### **Department of Mechatronics Engineering**

1. A.Fleming Lourdhu Raj, M.Balavenkatesh, R.Mahendhiran from IV year had won FIRST prize in a Project Expo organized by K. Ramakrishnan College of Engineering, Trichy on 20.03.2018
2. Denis, Rajadurai from IV year had participated in MARATHON organized by Kavery Hospital Trichy.
3. Mohaned Imran, R.Raju and P.Mukesh Kanna had presented a paper on “Semi-Automated Trolley in Supermarket” in the symposium conducted by M.A.R Group of Institution on 08.03.2019.
4. Z.Mohaned Imran, R.Raju and P.Mukesh Kanna had presented a paper on “Semi-Automated Trolley in Supermarket” in the national conference conducted by T.R.P Engineering College on 13.03.2019.



on “Exploration Robot” in the national conference conducted by T.R.P Engineering College on 13.03.2019.


6. K.Indhumathi, M.Nithiyanandham and S.Janarthanan had presented a paper on “Exploration Robot” in the national level symposium conducted by Indra Ganasan College of Engineering on 06.03.2019.

7. K.Indhumathi, M.Nithiyanandham and S.Janarthanan had attended a project expo at PSNA college of Engineering on 16.03.2019

8. M.Muthuprakash, G.Dilon Antyony, C.Prasanth had presented a paper on “Alert System for monitoring wild-life from entering human populated area” in the national level conference by E.R.Perumal College of Engineering and technology on 04.03.2019.


9. A.Ramanathan, R.Manikandan and S.Marudha Selvam had presented a paper on “Smart home automation system” in the national level conference at E.R.Perumal College of engineering and technology on 04.03.2019.

10. K.Abinesh, D.murali and T.Sathishkumar had presented a paper on “Foot pressure sensitive safety system for industrial robot” in the national level conference at E.R.Perumal College of Engineering and Technology on 04.03.2019.

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11. A.Karthic, J.Wilfred Paul Raj and S.Thamaraiselvan had presented a paper on "Automated coil winding machine" in the national conference conducted by T.R.P Engineering College on 13.03.2019.
12. T.Kaviarasan, B.Abinath and A.Mohamed Abdhula had presented a paper on "Warehouse production uses IOT" at M.A.M College of Engineering and Technology on 22.03.2019.
13. S.Denis, R.Rajadurai had presented a paper on "Gesture control home security system" in the symposium conducted by M.A.R Group of Institution on 08.03.2019.
14. S.Vengadeshwaran, M.Maharaja had presented a paper on "A coal mine safety system using wireless sensor by helmet" in the national level conference at E.R.Perumal College of Engineering and Technology on 04.03.2019.
15. A.Fleming lourthu raj, R.Mahindran and M.Balavenkatesh had present the project expo conducted by K.Ramakrishna College of Engineering and won first prize on 16.02.2018.
16. A.Asalam Nijamudhan, S.Ranjith Kumar and I.Ajay Prasanth had presented a paper on "Fire extinguisher robot" in the symposium conducted by M.A.R group of institution on 08.03.2019.
17. D. Murali, P.Mukesh Kanna , R.Raju, of IV year had participated in the TNSCST sponsored Workshop on "Capacity building for industry needs". organized by DSIT, Trichy.




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#### 4.7 CULTURAL EVENTS

1. Abu Backer Siddique and Mohamed Ashik of III year EEE has participated in mime at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
2. A.Alex nijanthan & Ajeeth of III year AERO has participated in mime at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
3. S.Saravanan of III year EEE has participated in Singing-solo at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
4. K.Rahul Dravid of III year EEE has participated in dance at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
5. S.Saravanan of III year EEE has participated in singing group at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.



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6. Mohamed Tajudeen of II year EEE has participated in Short Film making at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
7. S.Saravanan of III year EEE has participated in Musical band at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.
8. A.Karthik of III year ECE has participated in mime at State Level Inter-Collegiate Cultural Fest in Srimad Andavar Arts & Science College, Trichy.

#### 4.7 VALUE ADDED PROGRAMMES

Students were actively engaged in a Real-time based Mini Project to stimulate their mind and flourish their Innovative Research ideas. Also they are encouraged to take part in Seminars, Paper presentation, In-plant training, Association activities, Industrial visits, Training programs and Special lecture programs and so on.

- So far nearly 200 students participated in Seminars and Paper presentations.




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- Nearly 60 Guest Lecture programs had been arranged for the students and staffs in various departments
- Value added Course on Embedded Systems – Arduino Uno was conducted for II year students of ECE, EEE and Mechatronics on 23.11.2018 & 24.11.2018 along with Galwin Technology, Trichy.
- Value added Course on AutoCAD Inventor was conducted for II year students of MECH, AERO from 11.11.2018 to 24.11.2018 along with Alpha CAD, Chennai
- Value added Course on Creo was conducted for IV year students of MECH & AERO from 31.12.2018 to 12.01.2019 along with Alpha CAD, Chennai.

#### 4.7.1 INTRA PROJECTS EXPO 2018

An “INTRA INSTITUTIONAL PROJECT EXPO 2018” was conducted in our campus on September 5<sup>th</sup> 2018 with the Judge of invitees Prof. Ashok raj, HOD/MECH, Trichy Engineering College, Mr. Ramachandran, HOD /Mech from MAMPC, Prof. Sivakumar/Dean/I year of MAMPC, Mr. Somasundaram, HOD/EEE & Mr.Venkatesan, AP/



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EEE. Totally 89 projects from all departments had been displayed by 200 students in the Expo, out of which 3 had won a best project of the Expo.

#### **4.7.2 INDUSTRIAL VISITS**


To bridge the gap between industry and institution and make the students to be familiar with the future core working environment, we frequently arrange Industrial visits for our students.

##### **Department of Aeronautical Engineering**

1. 20 students of II year and 15 students of III year along with the 2 faculty visited Madhu Packs, High energy Batteries, Trichy on 17.07.2018.
2. 25 students of III year along with the 2 faculty visited Trichy International Airport on 10.09.2018.
3. 32 students of II year along with the 1 faculty visited Jothi malleable, Trichy on 19.09.2018
4. 42 students of II year and Third year along with the 2 faculty visited HAL (Hindustan Aeronautics limited) Museum, Bangalore on 22.02.2019.

##### **Department of Computer Science Engineering**




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1. 35 students of III, II and final year students along with the 2 faculty visited GIT (Gate in Trichy) on 1.8.18.
2. 40 students of III, II and IV year students along with the 1 faculty visited CMS INFOTECH on 13.2.2018.

#### **Department of Electronics and Communication Engineering**

1. 40 students along with two faculty visited Dhanalakshmi Srinivasan Sugars Private Limited on 21/08/18.
2. 21 students along with two faculty visited Perfect international Private Limited on 18/09/18.
3. 41 students along with two faculty visited Kothari sugars and chemicals Limited on 19/09/18.
4. 44 students of ECE department along with two faculty visited Kathirmalai Engineering on 20/01/19.
5. 44 students of ECE department along with two faculty visited RK Metal Industries on 20/02/19.
6. 19 students of ECE department along with two faculty visited Hitech Arai Pvt Ltd., on 26/02/19.



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### **Department of Electrical and Electronics Engineering**

1. 11 students of IV year along with 1 faculty visited Dhanalakshmi Srinivasan Sugars Private Limited on 21.08.2018
2. 22 students of II year along with 1 faculty visited Kothari sugars and chemicals Limited on 19.09.2018.
3. 48 students of second, Third and final year along with 3 faculty visited CECRI; Karaikudi on 12<sup>th</sup> Feb, 2019.
4. 43 students of second, Third and final year along with 2 faculty visited NLC INDIA PVT, Neyveli on 4<sup>th</sup> March, 2019.

### **Department of Mechanical Engineering**

1. 65 Students of Third year along with two Faculty visited Jothi Malleable Pvt. Ltd., Trichy on 21.07.18.
2. 75 Students of Second & Final year along with Two Faculty Visited Kothari Sugar Factory, Trichy on 28.07.2018
3. 60 Students of Third year along with a Faculty visited R. K. Metals, Trichy on 5.8.2019.




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4. 65 Students of Second year along with two Faculty visited Perfect International, Trichy on 05.08.2018.
5. 55 students of Third year along with two faculty visited NLC INDIA PVT, Neyveli on 19<sup>th</sup> March, 2019.
6. 28 students of second year along with a faculty visited Central Electro Chemical Research Institute, Karaikudi on 22<sup>nd</sup> March, 2019.

#### **Department of Mechatronics Engineering**

1. 48 students of Second, Third and Final year along with the faculty team visited Kothari Sugars and Chemical, Kattur on 18.07.2018.
2. 17 Students from III year had Visited Kathirmalai Engineering Work, Trichy on 21.02.2019.
3. 17 Students from III year had Visited R.K Metal Industries, Trichy on 21.02.2019.
4. 30 Student from second & Third year along with the faculty team visited CECRI, Karaikudi on 22<sup>nd</sup> March, 2019



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## **First Year Industrial Visit**


### **1. Visit to Anna Planetarium (6.09.2018)**

Around 135 Students and 5 staff members went to Anna Planetarium on 6th September, 2018. The students got an insight about the 3D Pictures. Students were more excited on watching 3D movie, and also they had learnt about the planets, solar family, Satellite, meteors, galaxy, and Universe. The Dark room in planetarium for visualizing the planets has given much pleasure to the students. The Liver methodology, Museum, evaluation of animals and Deer Park are also visited by our students.

### **2.Industrial Visit to IR Flyash & Bricks, Thachankurichi, Trichy (10.9.18)**


On 10.9.18 around 140 students and 5 faculty members had gone for industrial visit in the afternoon session (2.00 p.m to 4.30 p.m ) to IR Flyash & Bricks, Thachankurichi, Trichy. The students were excited and had got the practical and technical knowledge about the designing, manufacturing of bricks using fly ash.



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26	E.Paulraj	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
27	M.Barathiraja	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
28	A.Aravindhan	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
29	N.Manimaran	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
30	K.Naveen kumar	MECH-3YEAR	RANE BRAKE LINING LTD	MR Palayam,Trichy
31	M.Moorthi	MECH-3YEAR	RANE BRAKE LINING LTD	MR Palayam,Trichy
32	K.Sarathkumar	MECH-3YEAR	RANE BRAKE LINING LTD	MR Palayam,Trichy
33	M.Muthukumar	MECH-3YEAR	RANE BRAKE LINING LTD	MR Palayam,Trichy
34	H.Abdul Rasheed	MECH-3YEAR	MITSUBISHI MOTORS PVT LTD	Trichy
35	A.Anees Ahamed	MECH-3YEAR	MITSUBISHI MOTORS PVT LTD	Trichy
36	A.Alphan	MECH-3YEAR	MITSUBISHI MOTORS PVT LTD	Trichy
37	N.Mohamed Muzzammil	MECH-3YEAR	MITSUBISHI MOTORS PVT LTD	Trichy
38	K.Muthuraj	MECH-3YEAR	SRI&SRI ALL CAR SERVICE-MY TVS	Trichy
39	U.Santhosh kumar	MECH-3YEAR	SRI&SRI ALL CAR SERVICE-MY TVS	Trichy
40	K.Yukesh Kumar	MECH-3YEAR	SRI&SRI ALL CAR SERVICE-MY TVS	Trichy
41	A.Ranjith	MECH-3YEAR	SRI&SRI ALL CAR SERVICE-MY TVS	Trichy



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11	M.Elangathir	MECHT-2YEAR	CODEBIND TECHNOLOGIES	Coimbatore
12	S.Gunaseelan	MECHT-2YEAR	CODEBIND TECHNOLOGIES	Coimbatore
13	A.Abinas kumar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
14	R.Arun kumar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
15	C.Ramachandran	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
16	K.Tamil vanan	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
17	B.Sankar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY
18	K.Gowsalya	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
19	M.Manisha	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
20	Vaitheeswari	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
21	S.Jeeva	AERO-3YEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
22	K.Vijayaprajesh	EEE-3 YEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
23	A.M.AthiefAnesh	MECH-IVYEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
24	B.Prabakaran	MECH-IVYEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
25	J.Aravindh	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAM, TRICHY



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### 3.Industrial Visit to TIDITSSIA (Tiruchirappalli District Tiny & Small Scale Industries Association) on 11.9.2018


120 Students had visited TIDITSSIA and got the practical and technical knowledge about the designing, manufacturing and functioning of the Railway spare parts.

#### 4.10 IN PLANT TRAINING DETAILS

S.NO	STUDENT NAME	DEPARTMENT /YEAR	COMPANY NAME	LOCATION
1	D.Ajith	EEE-3 YEAR	ABIRAMI INDUSTRIES PVT LTD	Kanchipuram
2	M.Gayathri	EEE-3 YEAR	ABIRAMI INDUSTRIES PVT LTD	Kanchipuram
3	N.Nivas	EEE-3 YEAR	ABIRAMI INDUSTRIES PVT LTD	Kanchipuram
4	V.Ramesh	EEE-3 YEAR	ABIRAMI INDUSTRIES PVT LTD	Kanchipuram
5	M.Muralidharan	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy
6	P.Prasanth	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy
7	k.Vijayakumar	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy
8	K.Vinithkumar	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy
9	B.Muges kumar	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy
10	G.Balamurugan	MECHT-2YEAR	SANLOG AUTOMATION TECHNOLOGY	Trichy







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11	M.Elangathir	MECHT-2YEAR	CODEBIND TECHNOLOGIES	Coimbatore
12	S.Gunaseelan	MECHT-2YEAR	CODEBIND TECHNOLOGIES	Coimbatore
13	A.Abinas kumar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY
14	R.Arun kumar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY
15	C.Ramachandran	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY
16	K.Tamil vanan	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY
17	B.Sankar	MECHT-3 YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY
18	K.Gowsalya	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
19	M.Manisha	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
20	Vaitheeswari	MECHT-IV YEAR	RK METAL INDUSTRIES	Trichy
21	S.Jeeva	AERO-3YEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
22	K.Vijayaprajesh	EEE-3 YEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
23	A.M.AthiefAnesh	MECH-IVYEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
24	B.Prabakaran	MECH-IVYEAR	HIGH ENERGY BATTERIES PVT LTD	Pudukkottai
25	J.Aravindh	MECH-3YEAR	PERFECT INTERNATIONAL FABRICATORS PVT LTD	MR.PALAYAI TRICHY



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61	N.Gayathri	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
62	M.Madhumitha	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
63	A.Aruni	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
64	S.Priyadharshini	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
65	K.Aruna Devi	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
66	N.Santhiya	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
67	P.M.Santhiya	ECE-2YEAR	GALWIN TECHNOLOGY	Trichy
68	S.Santhanam	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
69	M.Ajithkumar	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
70	S.Ramaraj	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
71	G.Ramalakshmi	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
72	K.Mathumitha	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
73	G.Priyanga	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
74	M.Suryakala	ECE-3YEAR	KATTHIRMALAI ENGINEERING	Trichy
75	S.Sumaiya sulthana	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
76	A.Mathumitha	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
77	V.Malathi	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
78	A.Sridevi	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy

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79	C.Mariajulie	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
80	M.Harshini	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
81	S.Asivithya	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
82	M.T.Sharmila	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
82	S.Mownika	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
83	S.Ammu	ECE-3YEAR	DREAM WEB TECHNO SOLUTIONS	Trichy
84	K.Dhivya	CSE-3YEAR	BSNL	Trichy
85	K.B.Srinithi	CSE-3YEAR	BSNL	Trichy
86	A.Tamilselvi	CSE-2YEAR	IIHT	Trichy
87	S.Reena	CSE-2YEAR	IIHT	Trichy
88	N.Firthose banu	CSE-2YEAR	IIHT	Trichy
89	K.Selvi	CSE-2YEAR	IIHT	Trichy
90	Senthamari	CSE-2YEAR	IIHT	Trichy






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### 4.7.3. GUEST LECTURE / SEMINAR:

#### Department of Aeronautical Engineering


S. No	Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Importance of Reverse Engineering and futuristic aerospace	16.07.18	75	Aero Department	Mr.P.Vivek
2	Non-destructive testing and Software usage	23.07.18	75	Aero Department	Mr.Ramasamy
4	Additive Manufacturing	10.09.18	55	Smart class	Mr.Sridhar, Research Assistant, SASTRA University
5	Ever shine Non Destructive Testing and Training,	24.12.18	75	Aero Department	Er.Shankar Ganesh,
6	Recent Trends in IC Engines & Automation	31.12. 18	75	Aero Department	Dhinakaran R,
7	Modern technologies used in Paper industry	21.01.2019	75	Aero Department	Er.K.Gunasekar, ENMAS Pulp and paper Pvt. Ltd., Trichy.
8	Recent opportunities in Competitive Examinations	14.01.2019	75	Aero Department	Mr.Usman, Ph.D. scholar Gate in Trichy Academy, Tirchy.

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### Department of Computer Science Engineering

S. No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Recent Trends in Cloud Computing	5.7.2018	55	Shiva AyyaDurai	Mr.Manoj Dev, IIHT, Trichy.
2	Importance of Web Design and Digital Marketing	12.7.2018	55	Shiva AyyaDurai	Mr.Prabhu, WEBWIZARD, Trichy.
3	Embedded Systems	19.7.2018	63	Shiva AyyaDurai	Mr.R.Ramesh, ACME Systems.
4	Cloud computing 3D Animations	16.8.2018	55	Shiva AyyaDurai	Ms.G.Jenilla Sri, JALS group of Institution, Trichy.
5	Introduction to python programming	23.8.2018	63	Shiva Ayyadurai	Mr.RameshBabuJALS group of Institution, Trichy
6	Basic Programming for Advanced computing applications	30.8.2018	63	Shiva Ayyadurai	Mr.S.R.Stephen, CSC Computer Education, Trichy.
7	Hardware and Networking.	4.9.2018, 5.9.2018	63	Peter Norton	Ms.G.JenillaSri, JALS group of Institution Trichy.
8	Recent trends in Machine Learning	3.1.2019	60	ShivaAyyaDurai	E.Prathab, Pantech Solutions, Trichy.
9	Vertical Hacking and Virtual Reality	24.1.2019	60	Shvia Ayyadurai	S.ImmranKhan, S.S.Soft solutions.
10	Compiler and Big data	31.1.2019	63	Shiva AyyaDurai	K.Mohanmed Iqbal, Aadhrose Infotech,



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					Trichy.
11	Advanced database-Oracle	15.2.2019	17	Shiva AyyaDurai	Jaya Kumar, Be positive Private Limited

### Department of Electrical and Electronics Engineering

S. No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Industrial Automation	26.12.2018	50	Seminar Hall, MAMSE	Mr. N. Kumar Business Head, Gateway Finishing School, Trichy.
2	Introduction To Robotics	02.01.2019	50	Smart Class, MAMSE	Mr.P.MohamedRafeeq, Manager, AGIIT, Trichy.
3	Career Development For Engineers	22.01.2019	50	Seminar Hall, MAMSE	Dr. S.Thiyagarajan, M.E., Ph.D., Managing director, GIT, Trichy.
4	Power Electronics And Applications	29.01.2019	50	Smart Class, MAMSE	Dr. S.Avudaiyappan Branch manager, Pantech Solutions, Trichy.
5	Internet Of Things	02.02.2019	50	Smart Class, MAMSE	Mr. Perikannan Project head, Chrome Software Solution, Madurai.





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### Department of Electronics and Communication Engineering

S. No	Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Guestlecture on “oops and data structures”	18.07.2018	60	Smart class	Mr.R.Muruganantham, Senior Lecturer, S.I.T, Trichy.
2	Workshop on “robotics”	30.07.2018	60	Smart class	Mr.S.Lakshmanan, Honorary Secretary, Institution of engineers, Trichy.
3	Seminar on “recent trends on industry automation”	30.08.2018	60	Smart class	Mr.P.Mohamedrafeeq, Branch Manager, AGIIT, Trichy.
4	Guest lecture on “embedded systems and plc design”	05.09.2018	60	Smart class	Mr.S.Ganeshbabu, Technical Director, 5D CADD Center, Trichy
5	Guest lecture on “advanced technologies in embedded systems”	12.09.2018	60	Smart class	Mr.T.L.Kannan, Project manager, ChiArRo Solutions & Services Pvt. Ltd, Trichy.
6	Guest Lecture on “An overview of artificial	26.12.2019	60.	Smart Class	Mr.K.YasarArafathEmbedded software developer, Galwin Technology,



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	intelligence, machine learning and deep learning ”				Trichy.
7	Guest Lecture on “Low Power Applications using Tanner”	02.01.2019	60	Smart Class	Mr.VigneshProject Engineer, Pantech Solutions, Trichy
8	Seminar on “Industrial Automation using PLC and SCADA”	21.02.2019	60	Smart Class	Mr.N.Kumar, Business Head, Gate Way finishing School, Trichy.

#### Department of Mechanical Engineering

S. No	Title of the Seminar/guest lecture/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Guest Lecture on “Advancements In CAD/CAM/CAE”	09.07.18	62	Smart class	Mr. Bharanidharan, Technical officer, Softech CADD School Pvt. Ltd.
2	A Talk on “Higher Studies for Engineers”	13.07.2018	57	Smart class	Mr. Sivakumar, Chief Executive Officer, Trichy Plus.
3	Guest Lecture on “ Non Destructive Testing”	20.07.2018	61	Smart class	Mr. C. Ramasamy, Technical Director, Aplus NDT, Trichy – 620002.






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4	Design Implementation in Industries Using CAD	01.09.2018	62	Smart class	Er. S.GaneshBabu Business Development Manager 5D CADD Software Training Center, Trichy -620001.
5	Introduction to NDT	28.12.2019	50	Smart class	Er. Shankar ganesh, Evershine Institute of Training, Trichy.
6	Awareness about GATE exam	04-01-2019	55	Smart class	Mr.Uzman Hussain, Gatewin ,Trichy.
7	Six sigma principles	05-01-2019	55	Smart class	Mr. Mohamed Imran, Tech Manager, Synergy school of business , Trichy.
8	About 3D Modeling Softwares	25-01-2019	56	Smart class	Er.K.R.Shanthosh Kumar, CADD Tech,Trichy.
9	Advancements in CAE	02.09.2018	40	Smart class	Er. J. Aravind, CAE Tech, Trichy.
10	Kinematics of Machinery	23.03.2019	55	Smart class	Prof. Ramasubbu, Anna University Campus, Srirangam




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### Department of Mechatronics Engineering

S. No	Title of the Seminar/ guest lecture/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1.	Autocadd And E-Cad	11.07.2018	50	Smart Class, MAMSE	Mr.Bharanidharan&Mr.Shridar CADD SCHOOL PVT LTD
2.	Embedded System	11.07.2018	50	Seminar Hall, MAMSE	Mr.T.L.KANNAN Project Manager, ChiArRo Solutions and Private Ltd.
3	New Skill For Engineering Students	24.07.2018	50	Seminar Hall, MAMSE	Dr.Abdul Rahman, Sai Ram Engineering College, Chennai.
4	Industrial Automation And Robotics	17.07.2018	50	Seminar Hall, MAMSE	Mr.K.UPENDRAN AGIIT,TRICHY
5	Industry 4.0 Using Iot	31.07.2018	50	Smart Class, MAMSE	Harish Ravi, Project Manager, Technologies Global Pvt.Ltd.
6	Recent Trends In Robotics	27.12.2017	50	Smart Class, MAMSE	Mr.S.SHRIRAM, Proprietor, Trichy Robotic Academy, Srirangam
7	Robotics & Its Industrial Impact	27.12.2018	50	Smart Class, MAMSE	Mr. A. Ramesh Business Development Engineer, Gateway Finishing School, Salai Road, Tiruchirappalli.
8	Career Development For Engineers	22.01.2019	50	Seminar Hall, MAMSE	Dr. S.Thiyagarajan, M.E..., Ph.D... Managing director, GIT, Trichy.



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9	Internet Of Things	02.02.2019	50	Seminar Hall, MAMSE	Mr. Perikannan Project head, Software Solution, Madurai.	Chrom
10	Technical Quiz	16.2.2019	50	Seminar Hall, MAMSE	Second Year Mecht Students	
11	Kinematics of Machinery	23.03.2019	20	Smart class	Prof. Ramasubbu, HOD/Mech, Anna University Campus, Srirangam.	

#### 4.8. FACULTY ACHIEVEMENTS:

##### 4.8.1. ON LINE CERTIFICATION COURSE

- P.Kavitha, of the Electronics and Communication Engineering Department has successfully completed the 12 week (July- Oct 2018) NPTEL On line Certification course conducted by IIT Chennai, "DIGITAL ELECTRONICS" with ELITE status.
- P.Sudha, Assistant Professor of Electronics and Communication Engineering Department has successfully completed the 12 week (July- Oct 2018) NPTEL On line Certification course conducted by IIT Chennai, "DIGITAL ELECTRONICS" with ELITE status.



**M.A.M SCHOOL OF ENGINEERING: TRICHY.**

Ref: MAMSE/ <sup>fees</sup> <del>FEES</del> /2021-22/No.001	Date: 23.12.2021
Originator: Principal	Classification: Important

**CIRCULAR**

Sub: Remittance of fees-Reg.

All the Students are informed to pay all fees (Tuition fees, Transport Fees, Exam Fees and all other fees) in <sup>can</sup> college Bank A/c Only. Account Number is given below.

**Tuition Fees , Transport Fees & Other Fees**

BANK NAME	PUNJAB NATIONAL BANK
BANK ACCOUNT NAME	MAMSE GENERAL A/c
BANK A/C NO.	6658002100000981
BRANCH	SIRUGANUR
IFSC NO.	PUNB0665800

**EXAMINATION FEES**

BANK NAME	PUNJAB NATIONAL BANK
BANK ACCOUNT NAME	M A M SCHOOL OF ENGINEERING EXAMINATION A/C
BANK A/C NO.	6658005700000320
BRANCH	SIRUGANUR
IFSC NO.	PUNB0665800

If any amount is paid through online, the details of evidence of payment to be sent to college Accounts section on the day itself. Failure to send the details will be viewed seriously and the college is not responsible for any lapse in the regard.

  
PRINCIPAL

TO  
To be read in all I, II, III and IV year B.E Classes.  
Copy to the Notice Board.  
Copy to the Account Section/Office  
Copy to the Circular File/HOD's

*HOD/ ECE*

**M.A.M SCHOOL OF ENGINEERING: TRICHY.**

Ref: MAMSE/ <del>FEES</del> /2021-22/No.003	Date: 23.12.2021
Originator: Principal	Classification: Important

**CIRCULAR**

Sub: Payment of Tuition fees-Reg.

All the II,III and final year students are informed to pay the Tuition fees on or before **03.01.2022** with out fail, in our college following Bank account.

BANK NAME	PUNJAB NATIONAL BANK
BANK ACCOUNT NAME	MAMSE GENERAL A/C
BANK A/C NO.	6658002100000981
BRANCH	SIRUGANUR
IFSC NO.	PUNB0665800

PRINCIPAL

TO

To be read in all II, III and IV year B.E Classes.

Copy to the Notice Board.

Copy to the Account Section/Office

Copy to the all HOD's.

Copy to the Circular File.

*HOD/ ECE*



**M.A.M SCHOOL OF ENGINEERING  
SIRUGANUR, TRICHY -621 105**

MAMSE /ACD /2021-22 /NO.01	Date : 23.12.2021
Originator : Principal	Classification : Important

**CIRCULAR**

Sub: Payment of Recognition Registration , Administration Fees—Reg

All the 1<sup>st</sup> year ,2<sup>nd</sup> year lateral students and PG students are here by informed to pay the following RRA fees ( Recognition, Registration, Administration Fees) on or before. 05.01.2022 without fail.

Details of fees noted below:

S.No	Details of Fees	Tamil Nadu Students Rs.	Other State Students Rs.
1	Recognition, Registration, Administration, Sports, Regulation, Curriculum, Syllabus Fees And NSS Corpus Fund Fess	2000	2700

The fees should be remitted in our college Bank account only.

Name of the bank :Punjab National Bank  
Bank account Name :MAMSE General Account.  
Bank A/C: No :6658002100000981.  
Branch :Siruganur.  
IFSC No :PUNB0665800

To


To be read in 1st year,2<sup>nd</sup> year lateral Classes/PG classes  
Copy to Notice Board  
Copy to the All Hods /  
Copy to the Circular File.

  
**PRINCIPAL**

**EVIDENCE OF COMPLETION**

Number of Person Not Received	Date : 23.12.2021
Signature of Originator	Time :

*HOD./ECE*

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- Mr.M.Chandrasekar has completed NPTEL online Course and got Elite Certificate in the Course Digital Logic Circuits during the period July-Oct 2018.


#### 4.8.2 FACULTY PUBLICATIONS IN JOURNAL

##### Department of Aeronautical Engineering

S. NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Dr. K. Chandrasekaran	Charcteristics Evaluation of AA5083/GR/BN and AA5083/GR/AL203 Hybrid Composites For Naval Architects	Accepted
2	Dr. K. Chandrasekaran	Microstructural Charaterization and Mechanical Properties of A17075/BN Metal Matrix composites	Accepted
3	Mrs.B.Lakshmi prabha	Satellite Attitude Dynamics and Control using Magnetic actuators	Accepted
4	Mrs.B.Lakshmi prabha	Quaternion Concept behind analysis of Satellite Attitude control	Accepted





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### Department of Electronics and Communication Engineering


S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Mrs.P.Kavitha	Smart sewer inspection robot to detect and remove hydraulic anomalies	Accepted

### Department of Electrical and Electronics Engineering

S.No	Name of the Faculty	Title of paper	PUBLISHED IN
1	Mrs. M. Dharanidevi	Wireless power transmission using electric vehicle	International Journal Of Engineering And Technology
2	Mr. G.Purushothaman	A novel implementation to design co-joined system with wind and solar for moving train.	International Journal Of Engineering And Technology
3.	Mr. A.Senthamarai kannan	Load shift potential analysis and automatic trapping using various demand response.	International Journal Of Engineering And Technology
4.	Mrs. M. Dharanidevi	Analysis and Design of the fault current limiting by using Bridge type FCL in the multi terminal smart grid.	International Journal Of Engineering Research And Technology

### Department of Mechatronics Engineering



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S.No	Name of the Faculty	Title of paper	PUBLISHED IN
1	M.Chandrasekar	Semi-Automated Trolley in Supermarket	International journal of Engineering and technology
2	S.K.Samuel	Exploration Robot	International journal of Engineering and technology
3	B.Chandiramohan	Automated coil winding machine	International journal of Engineering and technology

#### 4.8.3. FACULTY PUBLICATIONS IN CONFERENCES

##### Department of Aeronautical Engineering

1. Dr.K.Chandrasekaran, , Department of Aeronautical Engineering had published papers in Inter-National Conference organized by V.R.S. College of Engineering &Technology, Trichy.
2. B.Lakshmi prabha, Department of Aeronautical Engineering had published papers entitled "Performance characteristics of a variable span wing" in National Conference organized by M.A.M. College of Engineering &Technology, Trichy.
3. N.Senthil kumar, Department of Aeronautical Engineering had published papers entitled "Design and flow field analysis of a Scramjet Hypersonic



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Nozzle "in National Conference organized by M.A.M.College of Engineering &Technology, Trichy.

4. B.Lakshmi prabha, Department of Aeronautical Engineering had published papers entitled "Damage Tolerance analysis of wing fuselage attachment bracket for a medium size civil transport aircraft "in National Conference organized by M.A.M. College of Engineering &Technology, Trichy.
5. K.M.Sridhar, Department of Aeronautical Engineering had published papers entitled "Fatigue life & stress analysis of a fuselage panel using FEM"in National Conference organized by M.A.M. College of Engineering &Technology, Trichy.

#### **Department of Computer Science and Engineering**

1. S.Nandhini Devi, Department of Computer Science Engineering had published a paperin an International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy



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2. S.Murugavalli, Department of Computer Science Engineering had published a paper in an International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy
3. E.Priyanka, Department of Computer Science Engineering had published a paper in an International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy.
4. G.Rajeshkumar, Department of Computer Science Engineering had published a paper in an International Conference on Innovative Engineering Initiatives (ICIEI 2019) at TRP Engineering College ,Trichy.

#### **Department of Electronics and Communication Engineering**

1. K.Umarani, Department of Electronics and Communication Engineering had published a paper entitled "Underground Army Communication using WUSN" in National level Conference organized by M.Kumarasamy college of engineering, Trichy.
2. P.Kavitha, , Department of Electronics and Communication Engineering






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had published a paper entitled “Smart sewer Inspection Robot to remove Hydraulic Anamolies” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.

3. K.Umarani, Department of Electronics and Communication Engineering had published a paper entitled “Smart energy monitoring system using IOT” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.
4. P.Sudha, Department of Electronics and Communication Engineering had published a paper entitled “Dynamic Spectrum sharing 5G wireless QSM cognitive networks” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.
5. V.Durgadevi, Department of Electronics and Communication Engineering had published a paper entitled “Integrated Aviation system in air-ground communication” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.



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6. Jency leena , Department of Electronics and Communication Engineering had published a paper entitled “Innovative prevention system for repetitive behaviour of Autism Disorder” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.
7. P.Sudha, Department of Electronics and Communication Engineering had published a paper entitled “Human Body Communication based health monitoring using wearable sensors” in National level Conference organized by M.Kumarasamy college of engineering, Trichy.

#### Department of Electrical and Electronics Engineering

1. M.Dharanidevi, Department of Electrical and Electronics Engineering had published paper in International Conference in the title of “Wireless power transmission using electric vehicle at TRP Engineering college.
2. A.Senthamarai kannan, Department of Electrical and Electronics Engineering had published paper in International Conference in the title of “Load shift potential analysis and automatic trapping use various demand response” at TRP Engineering college.






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3. G.Purushothaman, Department of Electrical and Electronics Engineering published paper in International Conference in the title of  
 “A novel implementation to design co-joined system with wind and solar for moving train” at TRP Engineering college.
4. A.Senthamarai kannan, Department of Electrical and Electronics Engineering published paper in International Conference in the title of  
 “A novel implementation to design co-joined system with wind and solar for moving train” at Saranathan Engineering college.

#### Department of Mechanical Engineering

1. R,Ramanathan, Department of Mechanical Engineering had published a paper entitled “Performance Of Uncoated And Coated Carbide Cutting Tool For Turning Martensitic Stainless Steels Under Dry Cutting Condition” in Inter-National Level Conference organized by VRS College of Engineering.




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2. R,Ramanathan, , Department of Mechanical Engineering had published a paper entitled “Fluids Al<sub>2</sub>O<sub>3</sub> And SiO<sub>2</sub> In Performance Analysis Of Nano Coated Micro Channels” in Inter-national National Level Conference Organized by VRS College of Engineering
3. R,Ramanathan, , Department of Mechanical Engineering had published a paper entitled “Experimental Study For Ohns Steel In Electrical Discharge Machining Using Cu/Tic And Cu/Wc Electrode” in National Level Conference Organized by E.R.Perumal Manimekalai College of Engineering, Hosur.
4. Dr. K. Chandrasekaran, Department of Mechanical Engineering had published a paper entitled “Experimental Investigation of Electrical Discharge Machining for Aluminum with Multi Walled Carbon Nanotubes.” in National Level Conference Organized by M.A.M. College of Engineering & Technology, Trichy.
5. S.ManiamRamasamy, Department of Mechanical Engineering had published a paper entitled “Machining Performance Of Tool Coating With






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Ticn/Al<sub>2</sub>O<sub>3</sub>/Tin In Cnc Turning On Super Alloy X750 Using Statistical Approach” in the National Level Conference Organized by M.A.M. College of Engineering & Technology, Trichy.

6. P. Selvakumar, Department of Mechanical Engineering had published a paper entitled “Effects Of Cutting Parameters And Quality Characteristics Of Boron Nitride Reinforcement On Al 7075/Bn Composites” in National Level Conference Organized by E.R Perumal Manimekalai College of Engineering, Hosur.
7. P. Selvakumar, Department of Mechanical Engineering had published a paper entitled “Experimental Study Of Machining Parameters For Turning Glass Fibre Reinforced Plastic Rod Using Coated Tool” in National Level Conference Organized by M.A.M. College of Engineering & Technology, Trichy.
8. K.Parthiban, Department of Mechanical Engineering had published a paper entitled “Experimental Machining Performance Of Tool Coating With Ticn/Al<sub>2</sub>O<sub>3</sub>/Tin In Cnc Turning On Super Alloy X750 Using Statistical




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Approach” in National Level Conference Organized by M.A.M. College of Engineering & Technology, Trichy.

9. S. Ravichandran, Department of Mechanical Engineering had published a Paper Entitled “Effects Of Cutting Parameters And Quality Characteristics Of Boron Nitride Reinforcement On Al 7075/Bn Composites” In National Level Conference Organized by E.R Perumal Manimekalai College of Engineering , Hosur.
10. M. Vimal Kumar, Department of Mechanical Engineering had published a Paper Entitled “Investigation Of An Alternative High Temperature Super-Heater Coil For A Heat Transfer In Welding” In National Level Conference Organized by E.R. Perumal Manimekalai College of Engineering Hosur.
11. M. VimalKumar, Department of Mechanical Engineering had published a Paper Entitled “[Development Of Portable Tabletop Micro Factory For Sustainable Manufacturing System” In the National Level Conference Organized by E.R. Perumal Manimekalai College of Engineering Hosur.





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12. S.Tamilarasan, Department of Mechanical Engineering had published a Paper Entitled "Experimental Investigation of Axial Shortening of Friction Welded En24 Steel Joint" in the National Level Conference M.A.M. College of Engineering & Technology, Trichy.
13. D. S. Vidhyasagar , Department of Mechanical Engineering had published a Paper Entitled "Performance Analysis Of Nano Fluids Al<sub>2</sub>O<sub>3</sub> And SiO<sub>2</sub> In Coated Micro Channels" in the National Level Conference Organized by M.A.M. College of Engineering & Technology, Trichy.


#### **Department of Mechatronics Engineering**

1. M. Chandrasekar presented a paper in the topics of "Semi-Automated Trolley in Supermarket" in the National Conference conducted by TRP Engineering College on 13.03.2019.

#### **4.8.4. OUR FACULTY AS RESOURCE PERSONS**

1. Dr.K.Chandrasekaran delivered a lecture on "Optimization Techniques for Engineering Application" at Karaikudi Institute of Technology, Karaikudi.



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2. Dr.P.Lilly Florence delivered a lecture on Environmental Pollution at  
M.A.M Polytechnic College,Trichy
3. B.Lakshmiprabha delivered a lecture on Introductory to Jet Engine at  
M.A.M Polytechnic College,Trichy
4. P.Sudha delivered a lecture on Micro Processor at M.A.M Polytechnic  
College,Trichy
5. K.Umarani delivered a lecture on Communication Engineering at M.A.M  
Polytechnic College,Trichy


#### 4.8.5. FACULTY PARTICIPATION IN FACULTY DEVELOPMENT PROGRAM/WORKSHOP/SEMINAR.

##### Department of Aeronautical Engineering

1. Mr.P.Kaviyarasu, has attended One day Workshop on NLP conducted by  
Happy Valley Business School, Coimbatore on 18.08.2018.
2. Dr.K.Chandrasekaran, has attended One day National level Workshop on  
“Industry 4.0 and Smart Manufacturing Strategies” on 11.09.2018.





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3. Mr. M.F.Mohammed Hussain, has attended One day Workshop on Airframe conducted by Kings Engineering College, Namakkal on 15.09.2018.


### **Department of Computer Science and Engineering**

1. Ms.S.Murugavalli has attended One day Faculty Development Program on "AI and Deep learning" at MAM college of engineering and technology
2. Mr. P.Sathiyaseelan has attended three Days Workshop on "Faculty knowledge sharing program" at Le temps port, Trichy.
3. Ms.D.Saranya has attended has attended three Days Workshop on "Faculty knowledge sharing program" at MAM college of Engineering and Technology.

### **Department of Electronics and Communication Engineering**

1. P.Kavitha, K.Umarani, P.Sudha, and T.Ashok had attended two days FDP on "Emerging 5G and its implementation challenges" at KRCE, samayapuram, Trichy.



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2. V.Durgadevi/AP/ECE and P.JencyLeena had attended two days Faculty Development Program on "Power Electronics for Renewable Energy Systems" at K. Ramakrishnan College of Engineering, Trichy.
3. T.Ashok had attended a two days workshop on NS3 at Kongu Engineering College, Perundurai.
4. Mrs.K.Umarani had attended One day Workshop on AI Deep Learning at MAMCET.

#### **Department of Electrical and Electronics Engineering**

1. Mrs. M. Dharanidevi, Ms.K.Vinothini and Mr. A.Senthamaraikannan had attended two days Faculty Development Program on "Power electronics for renewable energy systems" at K. Ramakrishnan College of Engineering, Trichy from 27.12.18 to 28.12.18.
2. Mrs. M. Dharanidevi, Mr.M.Ranjithkumar and Mr. A.Senthamaraikannan had attended one day National Level Seminar on "Strategic Innovation Of Smart Grid Using IOT" at SRM TRP ENGINEERING COLLEGE, Trichy on 22.12.2018






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3. Mr.M.Ranjithkumar had attended three days workshop on “Energy management and auditing with hands on training using power quality analyzer” at K. Ramakrishnan College of Engineering, Trichy

### Department of Mechanical Engineering

1. Mr. D. S. Vidhyasagar, Mechanical Engineering Department had attended Five days Workshop on Recent Trends on Materials & Manufacturing Engineering conducted in NIT, Trichy during 10.12.18 to 15.12.18.
2. Mr. P.Selvakumar, Mechanical Engineering Department had attended two days Workshop on Introduction to Autodesk Auto CAD Engineering conducted in KRCT, Trichy during 11.09.2018 & 12.09.2018.
3. Mr.Maniam Ramasamy, Mechanical Engineering Department had attended One day Workshop on NLP conducted by Happy Valley Business School, Coimbatore on 18.08.2018
4. Dr.K.Chandrasekaran,, Mr.S.Maniamramasamy, Mr.K.Parthiban, Mechanical Engineering Department had attended One day Workshop on



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Industry 4.0 And Smart Manufacturing Strategies conducted in Coimbatore  
on 11.09.2018

### **Department of Mechatronics engineering**


1. Mr.M.Chandrasekar, Mechatronics Engineering Department had attended Two days Workshop conducted by Sri Bannari Amman Institute of Technology, Sathyamangalam on 27th and 28th July 2018.

### **4.8.6 INTERNSHIP ATTENDED BY FACULTY:**


1. Dr.K.Chandrasekaran, has undergone three days internship programme in Kothari Sugar Mills, Kattur on 27<sup>th</sup> to 29<sup>th</sup> September 2018.
2. Mr.Chandrasekar, has undergone two days Internship programme in Kothari Sugar Mills, Kattur on 27<sup>th</sup> to 29<sup>th</sup> September 2018.
3. Mr.K.N.Prabahar has undergone two days Internship programme in Kothari Sugar Mills, Kattur on 27<sup>th</sup> to 29<sup>th</sup> September 2018.
4. Mrs.K.Priya has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 19.09.2018 to 21.09.2018.





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5. Mr.A.Jothivel, has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 19.09.2018 to 21.09.2018.
6. Mr.R.Neppolian has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 19.09.2018 to 21.09.2018.
7. P.Kavitha has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 27.08.2018 to 29.08.2018.
8. T.Ashok has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 27.08.2018 to 29.08.2018.
9. K.Umarani has undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 6.09.2018 to 8.09.2018.
10. P.Sudha and V.Durga devi of Electronics and Communication department had undergone three days Internship programme in PanTech Pvt. Ltd., Trichy during 26.07.2018 to 28.07.2018.
11. Mr. P. Kaviyarasu , Mr. N. Senthil kumar& Mr. M. F. Mohammed Hussian of aeronautical department had completed internship training at Taneja


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Aerospace and Aviation Limited, Hosur for duration of 3 days from 20 sep 2018 to 22 sep 2018

12. Mr. K. M. Sridhar, Mrs. B. Lakshmi Prabha & Ms. M. Jeyarani has completed internship training at Perfect International Fabricators P. Ltd, Trichy for duration of 3 days from 21 sep 2018 to 23 sep 2018.
13. Mr. K. Chandrasekaran has completed Internship training at Kothari Sugars And Chemicals Pvt Ltd, Kattur for duration of 3 days from 12 sep 2018 to 14 sep 2018.
14. Mr. S. Maniam Ramasamy, Mr. K. Parthiban has completed Internship training at Kothari Sugars and Chemicals Ltd., on 12.09.2018 at Perfect International Fabrication P. Ltd., Trichy from 21.09.2018 to 23.09.2018.
15. Mr. S. Ravichandran has completed Internship at Perfect International Fabrication Pvt Ltd., Trichy from 21.09.2018 to 23.09.2018.
16. Mr. K. Praveen Kumar has completed Internship at Perfect International Fabrication Pvt Ltd., Trichy from 21.09.2018 to 23.09.2018.






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17. Mr. P. Selvakumar has completed Internship at Perfect International Fabrication Pvt Ltd., Trichy from 21.09.2018 to 23.09.2018.
18. Mr. R. Sathish has completed Internship at Perfect International Fabrication Pvt Ltd., Trichy from 21.09.2018 to 23.09.2018.
19. Mr. M. Manikandan has completed Internship at Perfect International Fabrication Pvt Ltd., Trichy from 21.09.2018 to 23.09.2018.
20. Mr. Senthamarai kannan, has undergone three days Internship programme in Kothari Sugar Mills, Kattur from 27<sup>th</sup> to 29<sup>th</sup> September 2018.
21. Mr. G. Purushothaman, has undergone three days Internship programme in Kothari Sugar Mills, Kattur from 27<sup>th</sup> to 29<sup>th</sup> September 2018.
22. Mr. M. Ranjith Kumar has undergone three days Internship programme in Kothari Sugar Mills, Kattur from 27<sup>th</sup> to 29<sup>th</sup> September 2018.
23. Mrs. Dharani Devi has undergone four days Internship programme in Sri Abirami Engg works from 25<sup>th</sup> to 28<sup>th</sup> August 2018.
24. Mr. K. Prasath has undergone four days Internship programme in Sri Abirami Engg works from 25<sup>th</sup> to 28<sup>th</sup> August 2018.




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Training and placement cell is headed by our placement In-charge Mr. T. Ashok. Students had been trained on Personality Development, Career Development and Interview handling Skills by a deliberately skilled trainer. Also, they are trained to meet the Industrial needs and requirements by undergoing Technical and Aptitude Ability tests by experienced and skilled persons from various educational departments.

As on date 80 % of our final year students got placed in the following reputed core industries.

1. Indo Shell P.Ltd
2. J.K Fenner India Limited
3. Rajsriya Automotive P. Ltd
4. HNI Autotech P.Ltd
5. Kyungshin Industrial Motherson India P.Ltd
6. Unitec Plasto Components P. Ltd
7. Sungwoo Hi Tech P.Ltd



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25.Mr. R. Prasath has undergone four days Internship programme in Sri Abirami Engg works from 25th to 28<sup>th</sup> August 2018.

#### 4.8.7. SPONSORSHIP FOR HIGHER STUDIES:

Management also encourages Faculty members to do Research and Higher studies by providing Sponsorship. Seven of our Faculty members are sponsored for pursuing their Ph.D course.

1. Mr.R.Ramanathan /Mech
2. Mr.P.Selva Kumar/Mech
3. Mr.T.Ashok /ECE
4. Mr.N.Abdul Rahman/ECE
5. Mr.K.Balamurugan/Mathematics
6. Mr.G.Purushothaman/EEE
7. Mr.G.Rajeshkumar/CSE

#### TRAINING AND PLACEMENT

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### 5. MEMORANDUM OF UNDERSTANDING (MoU)

Students are trained for Industry requirements through In plant Training, Industrial Visit and other skill development training from Industrialists. Student's placement potential could also be improved.


Jointly with ICTACT, a design academy has been started in our campus to cater to the timely needs of the faculty and students with respect to technological developments.

List of organizations with which MoU's has been signed for this academic year.

1. Letz Connect, Chennai
2. Indo Shell, Coimbatore
3. Ministry of Labour & Employment (National Career Service), Chennai
4. Innate talent,
5. Alas Infotech, Trichy






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8. Flextronics P.Ltd

## M.A.M. SCHOOL OF ENGINEERING

### Placement Summary -2019

Industry Name	Aero	CSE	EEE	ECE	Mech	Mecht
Indo Shell	4				7	3
JK Fenner			3		14	4
Rajsriya Automotive Industries Pvt Ltd	1		3	1	15	3
HNI Autotech P. Ltd					5	4
Flextronics	2	5	2	8		6
Kyungshin Industrial Motherson India P.Ltd			1	14		1
Unitech Plasto Components P.Ltd	5				4	3
Sungwoo	3				4	3
<b>Total</b>	<b>15</b>	<b>5</b>	<b>9</b>	<b>23</b>	<b>49</b>	<b>27</b>
<b>Student Strength</b>	<b>20</b>	<b>17</b>	<b>11</b>	<b>23</b>	<b>59</b>	<b>31</b>
<b>Total Percentage of Placement</b>	<b>75</b>	<b>29</b>	<b>82</b>	<b>100</b>	<b>83</b>	<b>87</b>

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Cell, SASTRA University, Thanjavur. Various Invitees from banks, Insurance companies & District industrial centre had motivated the future entrepreneurs.

## 7. SCHOLARSHIP

Every year our management is providing scholarship around Rs. 3 Lakhs to the meritorious and minority students.

## 8. EVENTS OF SIGNIFICANCE


To increase the leadership quality among the student all the six department association jointly organized "ACME 2K19", 8<sup>th</sup> National level **Technical Symposium**" on 22<sup>nd</sup> March 2019.

ACME 2K19, provided a good platform for the students for innovation and the fortitude to think critically, plan, execute and achieve. Innovating minds and speaking potentiality are brought out by students and benefitted other individuals to gain knowledge.

The event started with the technical and non technical events conducted by various departments and ended with valedictory function by distributing prizes to





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## 6.ENTREPRENEURSHIP DEVELOPMENT

Entrepreneurship Development Cell has been established by M.A.M. School of Engineering. Ever since its inception, the cell has embarked on its flagship programme of continuous innovative thinking in order to enhance the economy. The cell concentrates on the rural fronts so as to develop the potential of the rural youth and initiate their dreams come true.

A three days Camp was organized on 22.09.2018, 24.09.2018 & 25.09.2018 by the Department of Mechanical engineering in which various skills to become an entrepreneur were discussed by the Resource Person Mr. S. Vidyasagar, Asst. Director, Dept. of Industries & Commerce, Govt of Tamilnadu & Mr.Michael from TIDISSIA, Trichy.

A three days Entrepreneurship development Camp was organized from 28.03.2019 to 30.03.2019 by the Entrepreneurship Development Cell in which various skills to become an entrepreneur were discussed by the Resource Person Mr.Sridharan Venkataramanan, Special Officer, Entrepreneurship Development



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### 8.1. CLUB ACTIVITIES

A severe cyclonic storm GAJA hits six districts of Tamilnadu – Cuddalore, Nagapattinam, Ramanathapuram, Thanjavur, Pudukottai, and Tiruvarur. A relief measure has been taken by the Correspondent Al Haj. Er M A Peer Mohammed, Principal Dr P Ranjith Kumar, Faculty members along with Rotaract Club of M A M School of Engineering to the tune of 3 Lakhs rupees to reach the interior villages of all the six districts and extending the support till date to make the people restore normal life.

To promote social responsibilities among students community from various discipline, **RED RIBBON CLUB** was inaugurated in our campus on April 4<sup>th</sup> 2018. “Cancer Awareness and Education Program” was organized by Red Ribbon Club (RRC) and Youth Red Cross (YRC) of MAMSE on 4th FEB 2019 (World Cancer Day). Dr.S.Prabakaran M.B.B.S., M.D., Uyirthuli blood bank, Thillainagar, Trichy and Dr. P.Tamilarasi, M.B.B.S., Assistant Surgeon, Government Primary Health Centre, Andhanallur enlightened the students on






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the winners of the events. The Chief Guest, Dr. V. Anandakrishnan/Associate Professor at National Institute of Technology, Tiruchirappalli (India), in his speech highlighted the importance of participating in symposium, workshop and other college events.

National Science Day was celebrated on 7.3.2019 to mark the discovery of the Raman Effect by Indian physicist Sir C.V. Raman. On 28.02.2019, Competitions like Technical Quiz, Poster Presentation and Elocution were conducted. Around 100 students were participated in the competitions. Dr. C. Sathiyarayanan, Associate Professor, Department of Production Engineering, National Institute of Technology, Tiruchirappalli was the Chief Guest who made the event memorable and guided the students about the ongoing trends in science & technology.

Women's Day celebrations & Campaign on World Day of fight against sexual exploitation was organised at our college on 28.3.2019. Mrs.N.S.Nisha, IPS, Deputy Commissioner of Police, Law & Order, Trichy City was the chief guest.



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cancer issues and also explained the myth about the cancer issues, Risk Factors, Prevention, Earlier Detection, how to Self-Examine, Diet etc.

On 25.02.2019, **Blood Donation Camp** was organized by Red Ribbon Club and Youth Red Cross of MAMSE in association with **UyirThuli** blood bank. Three doctors at the camp explained the benefits of blood donation. More than 50 students donated blood and got commemorating certificates by **UyirThuli** blood Bank. We organized a “Eye Screening Camp” in Association with Mahatma Gandhi Eye Hospital, Thennur, Trichy in our campus on 12.7.2018 in which 430 students, 25 learned faculty and 15 non-teaching staff members were benefitted. We organized another “Eye Screening Camp” exclusively for first year students in Association with Mahatma Gandhi Eye Hospital, Thennur, Trichy in our campus on 15.2.2019 in which 117 students, 05 learned faculty and 15 non-teaching staff members were benefitted.

**Mr.YaarKannan**, Film Director & Actor inaugurated “**M.A.M.Muthamil Kalaimandram**” for this academic year and gave a speech on the Topic “**Inime Neengathan**” & shared his life experience by his inspiring speech on 28.07.2018





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in our campus to promote our mother tongue. On this occasion, Six Students gave speech on the topic **“YenathuLatchiyam”**.

M.A.M.Muthamil kalaimandram has organized the Kaviarangam under the topic of “Kathavum Sollum Kavi” on 6.10.2018. Kavignar Thanjai Thamu presided over the function. Kavignar K.V.Thiyagasanthan, Kavignar Valasiramani K.Selvarajan, Kavignar K.Marimuthu and Kavignar R. Abdul Salam motivated the students by expressing their views and talents through their own poetry. Nine students of our College from various disciplines participated in the Kaviarangam. They read their own poetry on various titles such as Noolaga Kathavu, Aalaya Kathavu, Maruthuvamanai Kathavu & Kalluri Kathavu.

In addition to this, we do provide YOGA classes for the students to increase their Grasping power and Concentration. Apart from these above mentioned, many more activities had been continuously carried out by our college to bring the students as well as the institution to greater heights.

To provoke the initiatives among the fresher's, Fire safety awareness was also given to the first year students in order to train them in case of emergency. On



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7.9.2018, first aid training was given to the first year students with demonstration. Students were trained by the trainer from St. John's Ambulance, Trichy. Students got hands on training on how to do first aid at the time of accidents, hurts, emergency, etc.

## 9. COUNSELING AND VALUE EDUCATION


The student life is getting complex day by day. Guidance is needed to help the students for optimum achievement and adequate adjustment in the varied life situations. Need analysis of the students shows the need of Guidance and counseling services, in the education, profession, vocation, social, health, moral, personal-areas.

We provide Guidance and counseling which helps the students to have a better self understanding and proper adjustment to self and society.

**Dr.Abdul Rahman**, Professor, Department of Mechanical Engineering has addressed the students on “**Enhancing Life Skills**”.






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### 10. ORIENTATION PROGRAMME FOR FIRST YEAR


S.N	Seminars/Guest Lecturers/Works hops/Orientation Programs	Date	Session	Venue	Speaker/Resource Person
1.	Fresher's Day	3/9/18	FN	Seminar Hall	Mr. Krishna Varadharajan, Chairman, Idea Plus, Chennai.
2.	"Role of Parents in Higher Education and Responsibilities"	3/9/18	AN	Seminar Hall	Mr. Krishna Varadharajan, Chairman, Idea Plus, HR& Business Solution, Chennai.
3.	"Wings of wisdom"	4/9/18	FN	Seminar Hall	DR. Subbhurethinabharathy, Director, M.A.M. B-School

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4.	"Crafting a successful engineering Career"	4/9/18	AN	Seminar Hall	Mr. Premanand Sivalingam Ministry of Labour and Employment (National Career Service)
5.	"What am I to do"	5/9/18	AN	Seminar Hall	Dr. Rahini, AP/ Bishop Heber College, Trichy
6.	"Sanitation & Health"	8/9/18	FN	Seminar Hall	Mr. Subburaman, Director, SCOPE, Trichy
7.	"Chumma Pesaren"	8/9/18	FN	Seminar Hall	Dr. Hussain
8.	Clean & Green Environment	8/9/18	AN	Seminar Hall	Mr. Natarajan, Forest Officer
9.	Green Projects	8/9/18	AN	Seminar Hall	Mr. Xavier





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10.	"I am an Engineer - Go the extra mile, it is never crowded there"	20/9// 18	AN	Seminar Hall	Mr.R.Bhaskaran, MBA, (HR)
11.	Entrepreneurship Awareness	25/9/1 8	FN	Seminar Hall	Mr.Kanagasapapathy, President, TRIDISSIA & Chairman, RK Industries, Trichy.
12.	Robotics in Defense	29/9/1 8	FN	Seminar Hall	Dr.Krishnakumar, Ministry of Defence Defence Res & Dev Organisation (DRDO) Avadi, Chennai-54

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## 11. EXTRA CURRICULAR ACTIVITIES-SPORTS

“Sports are where preparation and opportunity meet”.

Our College has men teams for Basketball, Badminton, Cricket, Football, Volleyball, Kabaddi, and Athletics, Chess and women teams for Badminton, Chess, Volleyball and Athletics. These students were very well encouraged to take part in the Anna University of Technology, Chennai, Zone-14 tournaments and Tamil Nadu Inter Engineering Sports (TIES).

### Anna University Zone -14 Tournaments Results 2018-2019

#### TENNIS

- Anna University Zone – 14 Tennis Tournament held on 04<sup>th</sup> Sep 2018 and our college Tennis team won the Runner-up trophy and got silver medal.


#### KABADDI

- Anna University Zone – 14 Kabaddi Tournament held on 18<sup>th</sup> Sep 2018 and our college Kabaddi team Students won the Runner-up trophy.

#### CHESS





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- Anna University Zone – 14 Chess Tournament held on 24<sup>th</sup> Sep 2018 and our college Chess team Students won Third place and got Bronze medal


## BADMINTON

- Anna University Zone – 14 Badminton Tournament held on 20<sup>th</sup> Oct 2018 and our college Badminton team won the Runner-up trophy and got silver medal in that tournament.

## INVITATION TOURNAMENT RESULTS 2018-2019

- Our college Badminton team got Third place and won Bronze medal in state level tournament conducted by Parisuthum Institute of Technology at Thnajakavur.
- On behalf of Rotaract club of M.A.M. School of Engineering, Department of Physical Education participated in the KALAM 2018 Tournaments organised by Rotaract Club of Anna University, BIT Campus, Trichy on 30th Sep 2018.



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## VOLLEY BALL

- Our Volleyball men team got Runner-up and won Silver medal in KALAM-2018 tournament.

## BADMINTON

- Our Badminton men team got Runner-up and won Silver medal in KALAM-2018 tournament.

Wisdom is not a product of Schooling but of the lifelong attempt to acquire it.


“Optimism is the faith that leads to achievement and nothing can be done without hope and confidence”.

With this, we had come to an end of the Annual report for academic year 2018-2019.

  
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## Annual Report 2017-2018

### DEPARTMENTS:

#### MAMSE


1. B.E. Aeronautical Engineering
2. B.E. Computer Science and Engineering
3. B.E. Electronics and Communication Engineering
4. B.E. Electrical and Electronics Engineering
5. B.E. Mechanical Engineering
6. B.E. Mechatronics Engineering
7. M.E Power Electronics & Drives

**With the students' strength: 635**

### 1. BASIC INFRASTRUCTURE FACILITY

The College Campus sprawling over 11.47 acres of Greenery with a built up area of more than 1,92,589 sq.ft. The Class room and Seminar hall area is 27,091 sq. ft, laboratory area is 47,275 sq.ft and other amenities are 26,279 sq.ft. The investment made so far in building alone is 18 crores.



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We got an extraordinary Campus with green, eco-friendly and well ventilated classrooms, proliferate corridors, a central library, modernized computer lab with LAN Network and WI - FI facilities. Extended labs installed with modernized equipments, Machineries, safety measures and latest gadgets in all departments, besides separate well maintained laboratories by the Department of Science & Humanities.

We have seminar hall and a smart class room for learning and training with a capacity to accommodate nearly 450 students. We have separate hostel facilities for Boys and Girls with purified RO drinking water, ventilated and spacious rooms. We are providing highly hygienic and nutritious food to make the students feel homely. We have a well managed dispensary in case of any emergency needs of the students.

## 2.1. TRANSPORT FACILITIES

Ample number of college buses operated for the students to arrive at the college on time. College buses are operated in all the directions covering 60km radius to increase the comfort level of students during the peak hours.




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## 2.2. LIBRARY

The college has an excellent Central Library, located in a spacious building of 4310 sq.ft area with a peaceful reading hall for the benefit of students, faculty and research community. The library has a rich collection of books covering various branches of Engineering, Science, Humanities and its related fields. The library has more than 17,426 volumes of books consisting of 4073 titles. The library subscribes 74 National and 41 International journals and there are about 165 back volumes. The Reference section of the Library has large collection of International editions of Reference books, Handbooks, Conference proceedings, Encyclopedias and various reference documents. Well stocked and updated library including books for various Competitive examinations like GATE, TOFEL, AMCAT and other Government examinations. Our Library also subscribes e-journals INFOTRACK through INDEST-AICTE consortium and DELNET. The library is kept open from 9.00 am to 9.00 pm including holidays for the benefit of the students.

## 2.3 .FACULTY MEMBERS

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As per the norms of AICTE, the faculty/students ratio is being properly maintained and the Academic activities are conducted effectively and consistently with proven track records for individual student. The college management, administration, faculty and staffs work together as a team towards over all development of our College.

We got fully dedicated teams of highly qualified, proficient teachers. They adapt innovative teaching practice to make learning more interesting. They extend supplementary coaching to late bloomers.


## 2. ACADEMIC PERFORMANCE

We are proud to keep our Institution by advancing through conducting Unit wise tests and Model exams prior facing University examinations and thereby marching towards the best results in the University examinations.

### 3.1 UNIVERSITY EXAM RESULTS BY FACULTY:

During April / May 2017 and November / December 2017, our faculty members produced 100% result in 28 subjects and above 85% in more than 72



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subjects. On this gracious occasion, I take esteemed pleasure in congratulating all the faculty members who have been consistently doing this right from the inception of this institution.

### 3.2. UNIVERSITY EXAM RESULTS BY STUDENTS:

We are very happy and highly proud to announce the names of the students who topped in university examinations.

#### IV YEAR

##### AERONAUTICAL ENGINEERING

M. Deepika	-	7.9CGPA
V. Manikandan	-	7.2 CGPA
D. Jayaraj	-	6.7 CGPA


##### COMPUTER SCIENCE ENGINEERING

P. Balasubramanian	-	7.4 CGPA
V. Sangeetha	-	7.2 CGPA

##### ELECTRONICS AND COMMUNICATION ENGINEERING

M. G. Indumathi	-	8.03 CGPA
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M. Mohamed Hakim - 7.90 CGPA

S. Kaviya - 7.4 CGPA

M. Yalini - 7.14 CGPA

### **ELECTRICAL AND ELECTRONICS ENGINEERING**

N. Ajith - 7.85CGPA

A. Ajith - 7.57 CGPA

S. Dhanalakshmi - 7.45 CGPA

### **MECHANICAL ENGINEERING**

S. Rajeshwaran - 8.32CGPA

T. Thirumavalavan - 8.17CGPA

B. Noorul Aslam - 7.7CGPA


### **MECHATRONICS ENGINEERING**

N. Muthu Kumar - 7.79 CGPA

M. Daisy Princella - 7.16 CGPA

P. Sathiyaseelan - 7.04 CGPA



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### III YEAR

#### AERONAUTICAL ENGINEERING

K. Dhivya	-	7.9 CGPA
S. Jeeva	-	7.2 CGPA
V. Dhinakaran	-	6.7 CGPA
S. Romanus	-	6.7 CGPA

#### COMPUTER SCIENCE ENGINEERING

M. Mohamed Hakkim	-	7.7CGPA
K. Divya	-	7.43 CGPA
K.B. Sreenithi	-	7.2 CGPA


#### ELECTRONICS AND COMMUNICATION ENGINEERING

K. Madhumitha	-	8.43 CGPA
S. Sumaiya Sultana	-	8.35 CGPA
G.Ramalakshmi	-	7.9 CGPA

#### ELECTRICAL AND ELECTRONICS ENGINEERING

R. Amreen Sulthana Begam-	7.94 CGPA
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E. Lakshmipriya - 7.68CGPA

M. Gayathri - 6.84CGPA

### MECHANICAL ENGINEERING

R. Balaji - 8.3 CGPA

T. Anandha Babu - 7.96 CGPA

M. Deepak Ruban Santhiyagu - 6.9 CGPA

### MECHATRONICS ENGINEERING

R. Raju - 8.20CGPA

K. Indumathi - 7.8CGPA

A.Ramanathan - 7.54CGPA

## II YEAR


### AERONAUTICAL ENGINEERING

T. Indira - 8.1 CGPA

V. Pooja - 8.1 CGPA

J. Maniarasan - 7.3 CGPA



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### COMPUTER SCIENCE ENGINEERING

S. Abinaya	-	7.61 CGPA
N. Firthous Banu	-	7.39CGPA
Senthamil Selvi	-	6.92 CGPA

### ELECTRONICS AND COMMUNICATION ENGINEERING

K. Madhumitha	-	7.02 CGPA
N. Gayathri	-	6.9 CGPA

### ELECTRICAL AND ELECTRONICS ENGINEERING

S. Karthik	-	6.49CGPA
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### MECHANICAL ENGINEERING


M. Moorthi	-	7.8 CGPA
K. Naveenkumar	-	7.64CGPA
M. Muthukumar	-	7.42 CGPA

### MECHATRONICS ENGINEERING

M. Balamurugan	-	5.6 CGPA
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### I YEAR



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### **AERONAUTICAL ENGINEERING**

P. Palanisamy - 7.0 CGPA

K. Abdul Rahman - 6.7 CGPA

### **ELECTRICAL AND ELECTRONICS ENGINEERING**

S.Santhiya - 7.0 CGPA

A. Menaka - 6.79 CGPA

### **ELECTRONICS AND COMMUNICATION ENGINEERING**

A. Mohana Priya - 7.2 CGPA

### **MECHATRONICS ENGINEERING**

N. Mohamed Nowfull - 7.14 CGPA

M. R. Mohamed Hussain - 6.94 CGPA

### **MECHANICAL ENGINEERING**


A. V. Sachin Ryon - 7.2 CGPA

### **3.3 STUDENTS WHO HAVE GOT 100% ATTENDANCE**


We are very happy to announce that following students have attended all the classes from the date of joining, till now and maintain the 100% attendance

1. S.Romanus - III year Aero



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- |                       |   |             |
|-----------------------|---|-------------|
| 2. G.Ramalakshmi      | - | II year ECE |
| 3. S.Priyadharshini   | - | II year ECE |
| 4. S.Sumaiya sulthana | - | II year ECE |
| 5. V.Malathi          | - | II year ECE |
| 6. Ramalakshmi        | - | II year ECE |
| 7. S.Surya            | - | II Mech     |
| 8. PraveenKumar       | - | III Mech    |
| 9. M.K.Muthukumar     | - | II Mech     |
| 10. T.AnandhaBabu     | - | III Mech    |
| 11. B.Chandra Mohan   | - | IV Mech     |
| 12. R.Raju            | - | III Mech    |
| 13. P.Ammudevi        | - | I Year      |
| 14. K.Gunavathi       | - | I year      |
| 15. S.Kasthuri        | - | I year      |
| 16. S.Subha           | - | I year      |

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### 3.4 FUNDED PROJECT AWARDED FOR 2017-2018

The below mentioned students who have got sanctioned with an amount of Rs.30,000 from Tamil Nadu State Council for Science Technology (TNSCST) student project funding scheme for the academic year 2017-2018.


1. Justin saji john
2. P. Sathiyaseelan
3. V. Karthik Raja
4. C. Vajeeh
5. M. Agnel Irin
6. Gowtham Manikandan
7. M. Devandiran

Our Student's Project submitted for AICTE Smart Hackathon'18 has got selected for the Second level of the Competition.

### 3.5. STUDENTS ACHIEVEMENTS

#### 3.5.1. AWARDS & CERTIFICATIONS SYMPOSIUM/CONFERENCE/WORKSHOP



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### **Department of Aeronautical Engineering**

1. R. Nanthini & M. Vishali won first prize in Symposium organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.
2. J. Mariyal won third prize in Symposium organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.
3. Nine Students from Second & final year have participated in Symposium organized by Mahendra Engineering College, Namakkal.
4. Five students from Third year have attended 3 days workshop at K. Ramakrishna College of Technology, Trichy.
5. Nine students from Second & final year have participated in Symposium organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.

### **Department of Computer Science Engineering**

1. Three students from Third year have attended 3 days workshop on the topic "Hardware and Networking" at IIHT Solutions, Trichy.




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2. Five students from Second & Final year have attended 3 days workshop on the topic of “Scadan & Brain O Brain, Android App Development” at NIT, Trichy.
3. Three students from third year have attended a project Expo on the topic of “Heart Diseases prediction uses Naïve Based Algorithm” at Oxford Engineering College, Trichy.

### **Department of Electronics and Communications Engineering**

1. Six students from final year have participated in National Conference organized by Dhanalakshmi Srinivasan Engineering College, Perambalur.
2. Five students from final year have presented a paper in International Conference organized by VINS Christian Women’s College of Engineering, Nagercoil.
3. Six students from Third year have presented a paper in Symposium at TRP Engineering College, Trichy.




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4. Three students from Third year have attended 2 days workshop on “Android App Development” at NIT, Trichy.
5. Seven students from Second & Third year have attended 2 days workshop on “Brain O Brain” at NIT, Trichy.
6. Four students from second year have attended the workshop at Pantech Parod, Trichy.
7. One student from Third year has attended the workshop on ECA at SASTRA University, Thanjavur.
8. One student from Third year has attended the workshop on Leadership camp at SASTRA University, Thanjavur.

#### Department of Electrical and Electronics Engineering


1. Two students from third year have presented a paper on “Maximum power tracking solar panel” in Symposium organized at MAMCE, Trichy.
2. Two students from third year have presented a paper on “Solar power plant” in Symposium organized at MAMCE, Trichy.



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3. Two students from third year have presented a paper in Symposium organized at Trichy Engineering College, Trichy.
4. One student from third year has presented a paper in Symposium organized at Muthayammal Engineering College, Namakkal.
5. One student from final year has attended a seminar on “Need for Micro Grids in Tamilnadu (India)” organized at Selvam College of Technology, Namakkal.
6. Three students from Final year have attended two days workshop on the topic “Power Electronics Converters for Micro Grids” organized by TRP Engineering College, Trichy.
7. Eight students from Second year have attended two days’ workshop on “MATLAB” organized by Karpagam college of Engineering, Coimbatore.
8. Seven students from Second year have attended two days’ workshop on “Renewable Energy” organized by Karpagam college of Engineering, Coimbatore.



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9. Two students from Third year have attended workshop on “EWB (Engineers without Borders)” organized in Chennai.
10. Three Students from Third year have presented a paper on “Design and Implementation of Single Switch High Freq DC-DC Resonant Converter for PV “in a conference organized by St. Joseph’s college of Engineering and Technology, Thanjavur.
11. Two Students from Third year have presented a paper on “A Novel topology using CUK converter in PV micro-converter with transformerless injection “in a conference organized by St. Joseph’s college of Engineering and Technology, Thanjavur.
12. Three Students from Second year have presented a paper on “Wind energy conversion system using solid state transformer “in a conference organized by St. Joseph’s college of Engineering and Technology, Thanjavur.
13. Two Students from Third year have presented a paper on “Multi inputs SEPIC converter based grid connected Hybrid Energy system “in a



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conference organized by St. Joseph's college of Engineering and Technology, Thanjavur.

14. One Student from Third year has attended a workshop on "Entrepreneurship Awareness Camp" organized by Sastra University, Thanjavur.

#### **Department of Mechanical Engineering**


1. Four students from final year have won best paper award on the title "Study of Machining Time in End Milling Process on H-13 Die Steel" in the "IJIRST (International Journal of Trendy Research in Engineering and Technology)" and awarded with the cash prize.
2. Four students from final year have won best paper award on the title "Investigation of Dissimilar Material TIG Weld for Boiler Panels" in the "IJIRST (International Journal of Trendy Research in Engineering And Technology)" and awarded with the cash prize.
3. One Student from final year has received "Kalam Best Student Award" from Dr. Kalam Educational Trust for Tribal, Chennai.



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4. Two Students from final year have received “Kalam Best Student Project Award” from Dr. Kalam Educational Trust for Tribal, Chennai.
5. Three students from third year have attended Engineers Day Competition by IEI-BHEL and won a cash prize.
6. One student from final year has won the cash prize in the event “State Level Entrepreneur Competition” held at Karpagam College of Engineering & Technology, Coimbatore.
7. Two students from final year have attended a Workshop on the topic “Tig & Mig Welding” organized at K. Ramakrishnan College of Technology, Trichy.
8. One student from final year has attended two days workshop on “Entrepreneurship “E-cell leaders” conducted by SASTRA University, Thanjavur.
9. Two students from final year have attended a two days Workshop on the topic “Employability skill and Enhancement program” organized at PSNA Engineering college, Dindugal.



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10. Four students from final year have attended a Workshop on the topic "Modern NDT Techniques" organized at Hindustan College of Engineering & technology, Coimbatore.
11. One student from final year has attended a one day workshop on "CATIA" at PENTA CAD, Trichy.


#### **Department of Mechatronics Engineering**

1. Two students from final year have won FIRST prize in a Project Expo Organized at K.Ramakrishna College of Engineering, Trichy.
2. Two students from final year have participated in MARATHON organized at Trichy.

#### **3.5.2. CULTURAL EVENTS:**


1. P.ROBINSON XAVIER from third year Mechanical, M.SREEHARI from final year Mechatronics, E.LAKSHMI PRIYA from 3rd year EEE, ANTONY PRINCE from 3rd year Mechanical and AZFARDEEN from 3rd Mechanical has won third prize in musical band conducted by American University in Kodaikanal.



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2. MOHAMMED AASHIK, ABUBACKER SIDDIQUE, SARAVANAN, RAJA RAJAN, M.NAVEEN KUMAR from Second year EEE, ABDUL RASHEED, ANBU SELVAN, ALPHAN from Second year Mechanical, KARTHICK from Second year ECE, AJITH and ALEX from Second year AERONAUTICAL have won first prize in mime conducted by Fatima Michael college of Engineering & Technology in Madurai.
3. RAGUL DRAVID from second year EEE and RAM KUMAR from second year Mechanical has won second prize in dance competition conducted by Fatima Michael College of Engg & Technology, Madurai.
4. SARAVANAN from Second year EEE has won second prize in dance competition conducted by National Law College, Trichy.
5. SARAVANAN from Second year EEE has won third prize in singing competition conducted by Karpagam College of Engineering, Coimbatore.
6. NITHEESH from Second year Mechatronics has won second prize in Tamil elocution conducted by Rathinam College of Engineering & Technology, Coimbatore.




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7. K.NAVEEN KUMAR from Second year EEE has won second prize in Mimicry conducted by SNS College of Engg, Coimbatore.
8. NITHEESH from Second year Mechatronics has won second prize in Tamil elocution conducted by SNS College of Engg, Coimbatore.
9. E.LAKSHMI PRIYA from Third year EEE has won second prize in solo singing conducted by National Law College, Trichy.
- 10.K.NAVEEN KUMAR from Second year EEE has participated in Mimicry conducted by National Law College, Trichy.
- 11.E.LAKSHMI PRIYA from Third year EEE has won third prize in drawing competition conducted by National Law College, Trichy.

### 3.6. VALUE ADDED PROGRAMMES

Students were actively engaged in a Real-time basis Mini Project to stimulate their mind and flourish their Research Innovative ideas. Besides they are encouraged to take part in Seminars, Paper presentation, In-plant training, Association activities, Industrial visits, Training programs and Special lecture programs and so on.



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- So far nearly 200 students participated in Seminars and Paper presentations.
- Nearly 60 Guest Lecture programs have been arranged for the students and staffs in various departments .

### 3.6.1. INTRA PROJECTS EXPO 2017

An “INTRA INSTITUTIONAL PROJECT EXPO 2017” was conducted in our campus on September’26, 2017 with the Judge of invitee Dr.S.Madhu, Rtd.Scientist, CECRI; Karaikudi . Have won a best project of the Expo where around 200 students presented their innovative project ideas.


### 3.6.2. INDUSTRIAL VISITS

To bridge the gap between industry and institution and make the students to be familiar with the future core working environment, we frequently arrange Industrial visits for our students.

#### Department of Aeronautical Engineering

1. Our students of Second year along with the faculty team visited Madhu Packs, Trichy on 7<sup>th</sup> July, 2017.



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2. Our students of Second year along with the faculty team visited Harihar alloys Pvt. Ltd., Manchanallur Trichy on 27<sup>th</sup> July, 2017


### **Department of Computer Science Engineering**

1. Our students of Third, Second and final year students along with the faculty team visited CMS InfoTech at Trichy, on 13<sup>th</sup> Feb ,2018

### **Department of Electrical and Electronics Engineering**

1. Our students of Third year along with the faculty team visited BSNL Trichy, on 7<sup>th</sup> July, 2017.
2. Our students of Third year along with the faculty team visited RK METAL INDUSTRIES TRICHY, on 8<sup>th</sup> July, 2017.
3. Our students of Third year along with the faculty team visited Kothari Sugars, on 27<sup>th</sup> February, 2018.
4. Our students of Third year along with the faculty team visited Katthirmalai Engineering Works, Trichy, on 12<sup>th</sup> March, 2018.



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### **Department of Electronics and Communication Engineering**

1. Our students of Third year along with the faculty team visited BSNL, Trichy on 7<sup>th</sup> July, 2017.
2. Our students of Final year along with the faculty team visited Hi-Tech Arai Pvt Ltd, Trichy on 21<sup>st</sup> July, 2017.
3. Our students of Third year along with the faculty team visited Kothari Sugars and Chemical Ltd, Kattur on 27<sup>th</sup>Feb, 2018.
4. Our students of First and Second year along with the faculty members visited Kathirmalai Engineering Works, Thiruverumbur on 3<sup>rd</sup>March, 2018.

### **Department of Mechanical Engineering**

1. Our students of Third year along with the faculty team visited the Perfect International Fabricators (P) ltd, Trichy on 17<sup>th</sup> March, 2018.
2. Our students of Third year along with the faculty team visited JOTHI MALLEABLES PVT LIMITED, Trichy on 21<sup>st</sup> July, 2017.
3. Our students of Third year along with the faculty team visited SHIP YARD-PORT TRUST –COCHIN – KERALA on 8<sup>th</sup> & 9<sup>th</sup> September, 2017.



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4. Our students of Third year along with the faculty team visited KOTHARI SUGARS & CHEMICAL LIMITED, Trichy on 13<sup>th</sup> Feb, 2018.

#### **Department of Mechatronics Engineering**

1. Our students of Second & Third year along with the faculty team visited R.K Metal industries Pvt.ltd situated at Thiruverumbur on 8<sup>th</sup> July, 2017.
2. Our students of Second year along with the faculty team visited Jothi Malleable Pvt.ltd situated at Thuvakudi, Trichy on 21<sup>st</sup> July, 2017.
3. Our students of Second year along with the faculty team visited Kothari sugars and chemicals limited situated at Trichy on 13<sup>th</sup> February, 2018.
4. Our students of Second , Third and final year along with the faculty team visited PERFECT INTERNATIONAL FABRICATORS (P) LIMITED situated at Manachanallur, Trichy on 17<sup>th</sup> March, 2018.

#### **3.6. 3.GUEST LECTURE / SEMINAR:**

##### **Department of Aeronautical Engineering**

S. No	Title of the Seminar/ guest lecturer/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Non Destructive	08.07.2017	59	Smart Class	Mr.Sankar Ganesh.





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	Testing			room, MAMSE	Ever shine NDT
2	Modern Aerodynamics	14.07.2017	59	Smart Class room, MAMSE	Mr.Sugumar, JJCET, Trichy
3	Production and Fabrication	21.07.2017	59	Smart Class room, MAMSE	Mr.Gopalakrishnan, Plant manager, Hi-tech arai pvt.ltd
4	Uniqueness in CADD Technology	28.07.2017	59	Smart Class room, MAMSE	Mr.B.Lawrance,C.E.O, A+ CADD Center, Trichy
5	Stability and control of aircraft	11.08.2017	59	Smart Class room, MAMSE	Mr.Gurunath, SEC
6	3D Modelling	08.09.2017	59	Smart Class room, MAMSE	Mr.Somasundaram, Executive -Technical, C Cube Technologies Trichy-2
7	Recent trends in Robotics	27.12.2017	59	Smart Class room, MAMSE	Mr. Shriram, Trichy Robotics Academy, Trichy
8	Recent trends in Composite Materials	04.01.2018	59	Smart Class room, MAMSE	Mr. Kanthimathinathan, Career Consultant, Trichy
9	Rapid prototyping	11.01.2018	59	Smart Class room, MAMSE	Mr. Ilaya Bharathi, Cube technologies, Chennai
10	One day Aero modeling work shop	02.02.2018	59	Smart Class room, MAMSE	Mr. K. Senthil Kumar, Managing director, Wright flyer and hoppers, Trichy
11	Manufacturing of high energy battery	28.02.2018	59	Smart Class room, MAMSE	Mr. N. Venkateshwara Sharma Manufacturing of high energy battery, Trichy.




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### Department of Computer Science Engineering

S.No	Title of the Seminar/guest lecturer/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Current Scenario of IT and Android with demo	07.09.2017	44	Shiva Ayya durai Lab, MAMSE	Mr. Manoj & Mr. Barath IIHT, Trichy.
2	Cloud Computing	14.09.2017	44	Shiva Ayya durai Lab, MAMSE	Ms. Nisha, Crisp technologies Ltd, Trichy.
3	Cryptography Techniques	21.09.2017	44	Shiva Ayya durai Lab, MAMSE	Mr. Manokaran Green Technologies, Trichy.
4	Bigdata analytics using hadoop	21.12.2017	45	Shiva Ayya durai Lab, MAMSE	Mrs. Poornai and team members , ECS Infotech
5	Machine learning with python	28.12.2017	43	Shiva Ayya durai Lab, MAMSE	Mr .Imran Khan, Director and Technical Head SS Soft Solutions, Trichy
6	Fundamentals of java and basic programming	04.01.2018	42	Shiva Ayya durai Lab, MAMSE	Mr.Raj Kumar, Software Developer & Trainer
7	From freshers to experienced	11.01.2018	45	Shiva Ayya durai Lab, MAMSE	Ms. K. Citra, Ms. K. Gayatri and Team members
8	Big data analytics	18.01.2018	45	Seminar Hall, MAMSE	Mr. Mohamed Iqbal, MB, Network Administrator, Trichy
9	Infrastructure management under routing	25.01.2018	45	Shiva Ayya durai Lab, MAMSE	Mr.Manivel



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10	Big data analytics	01.02.2018	45	Shiva Ayya durai Lab, MAMSE	Mr. V. Manoj
11	Android application with java	08.02.2018	43	Shiva Ayya durai Lab, MAMSE	Mr. Imran Khan, SSN Solutions, Trichy.
12	Android - Advanced Networking	22.02.2018	43	Peter Norton Lab, MAMSE	Mr. Ramalingam, CMS Info Tech, Trichy.
13	Dot Net Application	01.03.2018	43	Peter Norton Lab, MAMSE	Mr. Manoj Kumar, Puthur Infotech, Trichy.

### Department of Electrical and Electronics Engineering

S.No	Title of the Seminar/guest lecturer/workshop	Date	No. of Participan ts	Venue	Speaker / Resource Person
1.	Challenges, Uncertainties & Priorities To Engineers	03.07.2017	34	Seminar Hall MAMSE	Dr. Selvam,
2.	Introduction To Iot	04.07.2017	34	Smart Class MAMSE	R.Hemnath Project Engineer, Hitakey Group
3.	Micro Electro Mechanical Systems	11.7.2017	18	Seminar Hall MAMSE	Dr. T.Ramesh, Ap/Mech, NIT, Trichy
4.	Power Plant Engineering	18.7.2017	29	Smart Class MAMSE	Mr.S.Arun Kumar, Project Engineer, Pavo Power Engineering, Chennai.
5.	E-CADD & Lab view	01.08.2017	29	Smart Class, MAMSE	Mr. S. Somasundaram, Business Development Executive , C CUBE Technologies, Trichy
6.	Recent Trends in Industrial Data Networking	09.08.2017	29	Smart Class, MAMSE	Mr. J. Jio Cristo & N.Kumar, Senior Application Manager , Axis Global Institute of Training, Trichy.
7.	MATLAB and	29.08.2017	29	Smart Class,	Mr. K. Mohamed Iqbal, MBA,






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	Bigdata			MAMSE	Network Administrator, Trichy
8.	An ODE to Automation	09.01.2018	29	Seminar Hall, MAMSE	Mr.S.Vikruvan & Co, Learnchpad & consultant, Chennai
9.	RETINA-2k18 - Recent Trends in Industrial Automation	23.01.2018	49	Seminar Hall, MAMSE	Mr.A.Ramesh, Business Development Engineer,AGA Group of Companies,Trichy
10.	Industrial Wireless, Grid Computing and Virtualization	30.01.2018	29	Seminar Hall, MAMSE	Mr. Elenchelien, Assistant Manager technical, Prolific System and Technology Pvt Ltd, Chennai
11.	Recent Power Transformer Technology	06.02.2018	29	Seminar Hall, MAMSE	Mr. K. Prasath, Former Quality Manager, Abirami Industries,Chennai
12.	Robotic Process Automation and Internet Of Things	13.02.2018	29	Seminar Hall, MAMSE	Mr. S. Imran Khan, MCA., Director & Technical head, SS Soft Solutions, Trichy-18

### Department of Electronics and Communication Engineering

S. No	Title of the Seminar/ guest lecturer/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1	Embedded technology using Arduino	05.07.2017	45	Smart Class, MAMSE	Mr. R. Hemnath, Programmer, Hitakey Group of Company,Trichy.
2	Big Data	12.07.2017	45	Smart Class, MAMSE	K. Mohamed Iqbal, Network Administrator, Aadhrose InfoTech ltd.
3	Internet Of Things	19.07.2017	45	Smart Class, MAMSE	Angaiyarselvi. D Business Development Manager, SF IT Systems, Trichy.




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4	Industrial Prospects	26.07.2017	45	Smart Class, MAMSE	Haja Mydeen. M Manager- Business Development, Manya group, The Princeton Review.
5	Advanced controllers in Embedded system	02.08.2017	45	Smart Class, MAMSE	Mr. M. Madhesh SD Solutions, Trichy.
6	Recent Trends in Industrial Data Networking	09.08.2017	45	Smart Class, MAMSE	Mr. J. Jio Cristo & N. Kumar Senior Application Manager Axis Global Institute of Training..
7	Current scenario of Android app Development	23.08.2017	45	Smart Class, MAMSE	Mr. Manoj & Sundar, Business Development Executive IIHT , Trichy.
8	Embedded Design	06.09.2017	45	Smart Class, MAMSE	Mr. Madhavan Business Development Executive IIHT, Trichy.
9	Arduino Controller	13.09.2017	45	Smart Class, MAMSE	R. Ramesh, Embedded Engineer, ACME Systems, Trichy.

10	Embedded Controller	20.09.2017	45	Smart Class, MAMSE	Mr. N. Ganesh, HR.Manager, ChiarRo Solutions, Trichy
11	Arduino Controller	28.12.2017	45	Smart Class, MAMSE	Ramesh R Project Engineer, ACME System, Trichirapalli.
12	Big Data Analysis	18.01.2018	45	Smart Class, MAMSE	K. Mohamed Iqbal Network Engineer, Aadhrose Infotech, Trichy.
13	Advanced High Speed Controllers And Sensor	25.01.2018	45	Smart Class, MAMSE	Mr. M. Sanjeevmaran, Project Engineer, Sybrit Solutions,




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	Technologies				Trichy.
14	Industrial Wireless, Grid Computing and Virtualization	31.01.2018	45	Smart Class, MAMSE	Mr. K. Ilanchezhian, Assistant Manager, Prolific Systems and Technologies Pvt ltd, Trichy.
15	Mat Lab and Embedded Systems	07.02.2018	45	Smart Class, MAMSE	Ms. S. Soundarya, Project Developer, SD pro solutions, Trichy.
16	Embedded Systems Using PIC Microcontroller	28.02.2018	45	Smart Class, MAMSE	K. Prithiya Managing Director, GALIVIN Technology, Trichy.
17	NDT Level Testing	07.03.2018	45	Smart Class, MAMSE	Mr. D. Sankar ganesh, Senior Instructor, Ever shine Institute of Testing and Training, Trichy.
18	PCB Design	14.03.2018	45	Smart Class, MAMSE	Mr. R. Gopikrishnaa, Project Manager, Ezone Project Development and Training, Trichy.

### Department of Mechanical Engineering


S.No	Title of the Seminar/guest lecturer/workshop	Date	No. of Participants	Venue	Speaker / Resource Person
1	Advancement in CNC programming	03.07.2017	62	Smart Class, MAMSE	Er. N. Manivannan, Faculty-CNC Programming, R.K.Metal Industry, Trichy.
2	Introduction to 3D printing	10.07.2017	119	Smart Class, MAMSE	Er. M. Pugalenth, Application Engineer, Cube Technologies, Chennai-17
	Industrial automation	17.07.2017	59	Smart Class,	Er. Jijo Joseph,



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3	and robotics			MAMSE	Sr. Application Engineer, Axis Global Automation, Coimbatore.
4	Powders to Product	24.07.2017	180	Smart Class, MAMSE	Dr. V. Ananda Krishnan, Asst. Professor / Department of Production Engineering, National Institute Of Technology, Trichy-15
5	Advances in product modeling and analysis	31.07.2017	59	Smart Class, MAMSE	Er. S. Somasundaram, Executive -Technical, Cube Technologies, Trichy-2
6	Advances in material testing	21.08.2017	62	Smart Class, MAMSE	Er. C. Ramasamy, Engineer-NDT Services, A Plus -NDT, Trichy-620 002
7	Introduction of automotive technology	28.08.2017	62	Smart Class, MAMSE	Er.S.Xavier Jaganathan, General Manager, Goodwin Motors, Padappai, Chennai-601 301.
8	Advances in non destructive testing	04-09-2017	62	Seminar Hall, MAMSE	Er.C.Ramasamy, Senior Engineer-NDT Service A Plus NDT Services Trichy-2
9	Applications of engineering thermodynamics	11.09.2017	62	Smart Class, MAMSE	Prof. N. Ramasubbhu, Asst. Professor, Dept of Mechanical Engg., Government College of Engineering, Srirangam. Trichy
10	Career guidance to engineers	15.09.2017	62	Smart Class, MAMSE	Er. S. Karruppa Samy, Additional General Manager(Rtd), BHEL, Trichy




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11	Design of experiments	21.12.2017	42	Smart Class, MAMSE	Dr.TTM. Kannan, Associate Professor, MAMSE
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12	Pressure vessel design for mechanical equipment	28.12.2017	46	Smart Class, MAMSE	Er. S. Kanthimathinatahn, Structural Engineering Consultant, GB Engineering enterprises, Trichy.
13	Rapid prototyping and additive manufacturing	05.01.2018	58	Smart Class, MAMSE	Er. M. Ilayaperumal, Senior Engineer, RPT Tek academy, Madurai.
14	CNC Programming	22.01.2018	64	Smart Class, MAMSE	Dr. P. Hariharan, Prof. & Head, Anna University, Chennai
15	Advancement in industrial safety	09.02.2018	52	Smart Class, MAMSE	Er. S. Thirugnanam, Safety Engineer, Trichy Training Institute, Trichy.
16	Creativity and Aesthetics in mechanical design	16.02.2018	50	Smart Class, MAMSE	Er. M. Ilaya Perumal, Senior Design Engineer C Cube Technology, Trichy
17	Industrial automation and planning using primavera tool	23.02.2018	52	Smart Class, MAMSE	Miss. M. Libi, Certified Trainer –Primavera Synergy School of Skills Trichy
18	Current trend in industrial quality policy	02.03.2018	48	Smart Class, MAMSE	Mr. N. Hakeem, Technical Lead, Six Sigma Synergy School of Skills, Trichy.
19	Advancement in micro machining	09.03.2018	44	Smart Class, MAMSE	Prof. D. Raj Kumar, Associate Professor, JJCET, Trichy.

### Department of Mechatronics Engineering




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S. No	Title of the Seminar/ guest lecturer/ workshop	Date	No. of Participants	Venue	Speaker/Resource Person
1.	Recent Trends in Industrial Data Networking	11.07.2017	50	Smart Class, MAMSE	Mr.J.Jijo Christo, AGIIT, Trichy.
2.	Micro-Electro Mechanical Systems	20.07.2017	67	Seminar Hall, MAMSE	Dr. T.Ramesh, Associate Professor, NIT, Trichy.

3.	Robotics Process Automation	29.07.2017	66	Smart Class, MAMSE	Mr.J.Jio Christo & Mr.N.Kumar, Senior Application Manager, Axis Global Institute of Training, Trichy.
4.	Internet of things using Raspberry Pi	9.08.2017	35	Peter Norton Lab, MAMSE	Mr.Aavudaippan, Senior Engineer, PANTECH Pvt. Ltd., Chennai.
5.	Big Data	02.09.17	18	Smart Class, MAMSE	Mr. Mohamed Iqbal, Network Administrator, AADHROSE INFOTECH, Trichy.
6.	Industrial corporate Robotics Tech show	12.09.17	121	Seminar Hall, MAMSE	Mr. J. J ijo Christo, AGIIT, Trichy.
7.	PCB Design	22.12.2017	66	Smart Class, MAMSE	Mr.R.Gopikrishnaa, Project Manager, Ezone Project Development and Training, Trichy.
	Recent Trends in Robotics	27.12.2017	46	Smart Class, MAMSE	Mr.S.Shriram, Senior Trainee, Trichy Robotics Academic, Trichy.



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9.	Roadmap To Automation	09.01.2018	46	Seminar Hall, MAMSE	Mr.Senthil Kumar, Managing Director, Learnch Band Academic, Trichy.
10.	Robots in Defence	12.02.2018	45	Smart Class, MAMSE	Dr.P.V.K.Perumal, Dean. M.A.M School of Engineering Trichy.


### 3.7.FACULTY ACHIVEMENTS:

#### 3.7.1 PATENT (Filed and Published)

##### Department of Mechanical Engineering

1. The Patent Titled “Acrylic Open Type Micro Drill Jig” and published by the Distinguished Inventors Dr.P.Ranjith Kumar, Dr.TTM.Kannan, Dr.K.Chandra Sekaran and Prof.R.Ramanathan.
2. The Patent Titled “Automation in Micro turning process using sensitive Controlled Motor” and published by the Distinguished Inventors Dr.P.Ranjith Kumar, Dr.TTM.Kannan, Dr.K.Chandra Sekaran and Prof.R.Ramanathan.




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### 3.7.2. Awards and Prizes

1. DR.TTM. Kannan, Associate. Professor from the Department of Mechanical Engineering has received an **“Award of Excellence in Reviewing”** in IJIRST on 10.10.2017.
2. DR.TTM. Kannan, (Associate. Prof.) & Mr. R. Ramanathan (Asst.prof.) from the Department of Mechanical Engineering has received a **“Best Paper Award”** for the paper “Study of Machining Time in End Milling process on H-13 Die Steel” on 16.10.2018.
3. DR. K. Chandrasekaran, Associate Professor from the Department of Mechanical Engineering has received a **“Best Paper Award”** for the paper “Investigation of Dissimilar Material TIG Weld for Boiler panel” on 16.10.2018.

### 3.7.3. ON LINE CERTIFICATION COURSE

1. Dr. R. Ilango, Professor & Head of the Department of EEE has successfully completed the 8 week (July- Sep 2017) NPTEL On line Certification course

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conducted by IISc Bangalore, “Advances in UHV Transmission and Distribution” with a Consolidated score of **69%** . (with ELITE status)

- Dr. P. Lilly Florence, Professor & Head of the Department of Chemistry has successfully completed the 12 weeks (July- Oct.2017) **NPTEL** On line Certification course conducted by IISc Bangalore, “Analytical Chemistry”.

### 3.7.4. JOURNAL PUBLICATION

#### Department of Aeronautical Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Mr.P.Kaviyarasu	Experimental investigation of convective heat transfer through rough and smooth surfaced Aluminum 6063 pin-fin apparatus	<b>IRJAES- International Research Journal of Advanced Engineering and Science</b> Volume 2, Issue II, 2017 Page No: 279-285 ISSN No: 2455-9054
2	Mr P.Kaviyarasu	Design and Fabrication of Quad copter for agricultural application	<b>International Science and Technology Journal</b> Volume 7, Issue III, March 2018 Page No: 60-66 ISSN No: 1632-2882



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## Department of Computer Science Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Ms.S.Murugavalli Ms.E.Priyanka Ms.D.Deepika	WLAN and its Security with Data Integration and Prevention of loss of Data	IRJCS-International Research Journal Of Computer science Volume 4, Issue , XI ,Nov2017 Page No: 24-30 ISSN No: 2393-9842
2	Ms.E.Priyanka Ms.S.Murugavalli	A Trust Management system to find Robust efficient using N2N Communication	IJSHRE – International Journal of Software & Hardware Research in Engineering Volume 5, Issue XII,Dec 2017 Page No: 7-11 ISSN No: 2347-4890
3	Ms.S.Nandhini devi Ms.S.Suganthi	Timely and Lossless Data Transmission in Interruption Tolerant Techniques for Wireless Networks	IJSHRE – International Journal of Software & Hardware Research in Engineering Volume 5, Issue XI ,Nov2017 Page No: 1-6 ISSN No: 2347-4890
4	Ms.S.Suganthi Ms.S.Nandhini devi	Two way Proportional Job Scheduling in Computational Grids using Learning AUTOMATA	IJSHRE – International Journal of Software & Hardware Research in Engineering Volume 5, Issue XI ,Nov2017 Page No: 7-10 ISSN No: 2347-4890
5	Ms.B.Deepika	Wireless power transfer for Electric Vehicle using Magnetic Resonance in VANET	IJARSET – International Journal of Advanced Research in Science, Engineering & Technology Volume 2, Issue II, Feb 2015 Page No: 410-417 ISSN No:2350-0328




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### Department of Electrical and Electronics Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Dr.R.Ilango	Fault Location Algorithm using impedance compensation method (ICM) for FACTS Devices compensated transmission lines'	JEE Annexure-I Volume 17, Issue III, December 2017 Page No: 3131-3141 ISSN No: 1582-4594 DOI: 10.4236/cs.2016.710266
2	Mr.Purushothaman Dr.R.Ilango	Innovative Method to Secure ECG Signal using ECC in Wireless Communication	IJMTST - International Journal for Modern Trends in Science and Technology Volume 3, Issue V, May 2017 Page No: 99-103 ISSN No: 2455-3778
3	Dr.R.Ilango	A novel topology using cuk converter in PV microconverter with transformer less injection	IJERT - International Journal for Engineering Research & Technology Volume 6, Issue VII, Special Issue 2018 Page No: 1-7 ISSN No: 2278-0181
4	Ms.M.Meenakshi Ms.M.Dharani Devi	Stepped Multicarrier SPWM Techniques for seven level cascade inverter	IJETER - International Journal of Emerging Technologies in Engineering Research Volume 5, Issue XII, December 2017 Page No: 43-45 ISSN No: 2545-6410
5	Ms.M.Dharani Devi	Multicarrier based PWM ontol strategies Five- Level CMLI	JNCTE- Journal of Network Communications and Emerging Technologies Volume 7, Issue XI, November 2017



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			Page No: 43-45 ISSN No: 2395-5317
6	Ms.M.Dharani Devi	Development of Multicarrier SPWM Techniques For Cascaded MLI	IJCER- International Journal of Computational Engineering Research Volume 7, Issue X October 2017 Page No: 44-52 ISSN No: 2250-3005

7	Ms.M.Meenakshi	Unipolar Sine Multicarrier SPWM Control Strategies for Seven - Level Cascaded Inverter	IJETER - International Journal of Emerging Technologies in Engineering Research Volume 6, Issue I, January 2018 Page No: 111-117 ISSN No: 2545-6410
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### Department of Electronics and Communication Engineering

S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Ms.K.Umarani & Mr.Logeshkumar	Lossless image compression using an Efficient Huffman coding	IJRASET- International Journal for Research in Applied Science and Engineering Technology Volume 5, Issue XII, Dec 2017 Page No: 806-810 ISSN No: 2321-9653
2	Mr .T. Ashok & Mr..Chandrasekar	Advanced Autonomous Vehicle Systems and Adaptive Cruise by Using Internet of Things (IOT)	IJRASET - International Journal for Research in Applied Science and Engineering Technology Volume 5, Issue XII, Dec2017 Page No: 830-842 ISSN No: 2321-9653
3	M.Chandrasekar & Mr T.Ashok	AN Energy Efficient MAC Protocol for WSN based on Quorum Concept	IJRASET - International Journal for Research in Applied




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			Science and Engineering Technology Volume 5, Issue XII, Dec 2017 Page No: 811-824 ISSN No: 2321-9653
4	Mr .V.M. Sriram	Optic Disc Segmentation Using Superpixel Classification	<b>IJRASET</b> - International Journal for Research in Applied Science and Engineering Technology Volume 5, Issue XII, Dec 2017 Page No: 806-810 ISSN No: 2321-9653


### Department of Mechanical Engineering

S.N O	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Dr.TTM.Kannan  Dr.P.Ranjith (Principal- MAMSE)	Development Of MEMS based Pocket Factory for Sustainable Manufacturing	LAMBERT ACADEMIC PUBLICATION Volume , Issue II, Oct 2017 Page No: 279-285 ISSN No: 2455-90
2	Dr.K.Chandrasekaran Mr R.Ramanathan Dr.TTM.Kannan Dr.P.Ranjith	Taguchi and Response SURFACE Methodologies engaged for surface roughness in CNC Turning AISI 316 by multi layered Coated tool	Journal of Manufacturing Engineering Volume 12, Issue IV, December 2017 Page No: 235-240
3	Dr.TTM.Kannan  Dr.K.Chandrasekaran  Mr R.Ramanathan	Fabrication and Optimization of MEMS based Micro Grinder	<b>IJERMCE</b> - International Journal of Engineering Research in Mechanical and Civil Engineering Volume 2, Issue XII,Dec2017



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			Page No: 279-285 ISSN No: 2455-9054
4	Dr.TTM.Kannan	Optimization of Milling parameters of EN8 using TAGUCHI Methodology	IJMERR -. International Journal for Mechanical Engineering and Robotics Research Volume 2, Issue I,Jan2013 Page No: 202-208 ISSN No: 2278-0149
5	Dr.TTM.Kannan	Experimental Investigation and Design Optimization of Roundness Error of Micro Drilling Process on Aisi 316 sheets ISBN978-93-84443-498	IOSR-JMCEJournal of Mechanical and Civil Engineering Volume 12, Issue V,Oct 2015 Page No: 24-28 ISSN No: 2278-1648
6	Dr.K.Chandrasekaran	Investigation of dissimilar material TIG weld for boiler panels	IJTRET-International Journal of Trendy research in Engineering and Technology Volume 2, Issue II, April 2018 Page No: 26-30
7	Mr R.Ramanathan Dr.P.Ranjith	Rapid prototyping model of animal bone regeneration using 3D printing technology	IJTRET- International Journal of Trendy research in Engineering and Technology Volume 2, Issue II, April 2018 Page No: 18-22
8	Dr.TTM.Kannan Mr R.Ramanathan	Study of machining time in end Milling process on H-13 Die Steel	IJTRET- International Journal of Trendy research in Engineering and Technology Volume 2, Issue III, April 2018 Page No: 9-12

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### Department of Mechatronics Engineering


S.NO	NAME OF THE FACULTY	TITLE	PUBLISHED IN
1	Mr.A.Nallathambi	Design and Analysis of MEMS based Piezoresistive Pressure sensor for Sensitivity Enhancement	Materials Today, Elsevier Volume 5 , 2018 Page No: 1897-1903 ISSN No: 2214-7853
2	Mr.A.Nallathambi	Modeling and Analysis of a Multi Bossed Beam Membrane Sensor for Environmental Applications	Transactions on electrical and electronic materials Volume 18 ,Issue I,Feb2018 Page No: 25-29 ISSN No: 1229-7607
3	Mr.M.Chandramohan	Vehicle safety speed controller under driver fatigue Eye Blink sensor	IJTSRD-International journal of Trend in scientific Research and Development Volume 2 , Issue I ,Dec 2017 Page No: 1373-1376 ISSN No: 2456-6470
4	Mr.M.Chandramohan	Design and fabrication of smart stair climbing robot and stuff delivering robot	IJTSRD-International journal of Trend in scientific Research and Development Volume 5,Issue XII ,Dec2017 Page No: 643-646 ISSN No: 2321-9653

### 3.7.4. FACULTY DEVELOPMENT PROGRAMME

#### Department of Aeronautical Engineering

1. Prof. B. Chandramohan has attended five days Faculty Development Program on "EDI" at Chennai from 12.09.17 & 16.09.17.



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### **Department of Computer Science and Engineering**

1. Mrs. S. Murugavalli has attended two days Faculty Development Program on “Fundamentals of Java Programming” at M.A.M College of Engineering, Trichy from 09.10.17 & 13.10.17.
2. Mrs. S. S. Suganthi has attended two days Faculty Development Program at M.A.M College of Engineering, Trichy from 09.10.17 & 13.10.17.
3. Mrs. S. Murugavalli has attended one day Faculty Development Program on “Stress Management” at M.A.M School of Engineering, Trichy on 01/09/2017.
4. Mrs. S. S. Suganthi has attended one day Faculty Development Program on “Stress Management” at M.A.M School of Engineering, Trichy on 01/09/2017.
5. Mrs. S. Nandhini Devi has attended one day Faculty Development Program on “Stress Management” at M.A.M School of Engineering, Trichy on 01/09/2017.



“Stress Management” at M.A.M School of Engineering, Trichy on 01/09/2017.

7. Ms.B.Deepika has attended one day Faculty Development Program on “Stress Management” at M.A.M School of Engineering, Trichy on 01.09.2017.


**Department of Electrical and Electronics Engineering**

1. Mrs. M. Dharanidevi, Ms.C.Ramana Devi and Mrs. M.Meenakshi have attended two days Faculty Development Program on “Power system operation and control” at K. Ramakrishnan College of Engineering, Trichy from 14.12.17 to 15.12.17.


**Department of Electronics and Communication Engineering**

1. Mr. T. Ashok has attended seven days Anna University Sponsored Faculty Development Program on “Ad-hoc and Sensor Networks” at K. Ramakrishnan College of Engineering, Trichy from 20.11.17 to 26.11.17.



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2. Mr. M. Chandrasekar has attended seven days Anna University Sponsored Faculty Development Program on “Ad-hoc and Sensor Networks” at K. Ramakrishnan College of Engineering, Trichy from 20.11.17 to 26.11.17.
3. Mr. N. Logeshkumar has attended seven days Anna University Sponsored Faculty Development Program on “EE6602 – Embedded Systems” at Velalar College of Engineering and Technology, Erode from 08.12.17 to 15.12.17.
4. Mr. V. M. Sriram has attended seven days Anna University Sponsored Faculty Development Program on “EE6602 – Embedded Systems” at Vellalar College of Engineering and Technology, Erode from 08.12.17 to 15.12.17.
5. Mrs. K. Umarani has attended two days Faculty Development Program on “Power System Operation and Control” at K. Ramakrishnan College of Engineering, Trichy from 14.12.17 to 15.12.17.
6. Mrs. P. Nithila has attended two days Faculty Development Program at TRP Engineering College, Trichy from 08.06.17 to 09.06.17.

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7. Mrs. P. Sudha has attended two days Faculty Development Program at TRP Engineering College, Trichy from 08.06.17 to 09.06.17.

#### **Department of Mechatronics Engineering**

1. Mr.M.Chandramohan has attended two days Faculty Development Program on “Power System Operation and Control” at K. Ramakrishnan College of Engineering, Trichy from 14.12.17 to 15.12.17.

#### **Department of Science & Humanities**

1. Mrs.C.Lavanya & Mr.G.Venkatesan, Assistant Professors of Physics Department have attended one day Faculty Development Program on “Material Science” at K. Ramakrishnan College of Engineering, Trichy on 05.04.2018.
2. Ms.P.Shanthalakshmi, Assistant Professor / Mathematics has attended five days Faculty Development Program on “Graph Theory & its applications” at BIT Campus, Trichy from 24.5.2017 to 28.5.2017.






3. Ms.P.Shanthalakshmi, Assistant Professor / Mathematics has attended one day Faculty Development Program on “Probability & queuing theory” at Bannari Amman Institute of Technology, Erode on 16.12.2017.

### 3.7.5. WORKSHOP

Workshops are an excellent medium to impart technical skills because they integrate theory and practice in an experimental environment.

1. Dr. R. Ilango (HOD & Prof.), Mrs. M. Dharanidevi (Asso. Prof.), Mrs. M. Meenakshi (Asst. Prof) and Mr. G. Purushothaman (Asst.Prof.) from the Department of EEE have participated in a Two week ISTE STTP workshop on “Electric power system conducted by Indian Institute of Engineering , Kharagpur from 12.06.2017 to 15.07.2017.
2. Mr. A. Arivazhagan, Asst. Professor from the Department of Mechatronics Engineering has attended three days workshop on “Innovation & Entrepreneurship Development Programme” at Sastra University, Thanjavur from 02.08.2017 to 04.08.2017.

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3. Mrs. K. Priya, HOD & Associate Professor from the Department of Mechatronics Engineering has attended seven days workshop on “Digital Signal Processing” at EGS Pillai Engineering College, Nagapattinam from 23.11.2017 to 29.11.2017.

### **3.8. HEADWAYS FOR FUTURE ENDEVORES**

#### **3.8.1. CLASS COMMITTEE MEETING**

Class committee meetings are conducted regularly which will be headed by the Head Of the Departments & Senior Professors.


Salient features reviewed are:

1. Academic performance subject-wise
2. Attendance of the students and
3. Other need of the students are discussed and addressed then and there by the academic councils.

#### **3.8.2. TRAINING AND PLACEMENT**

Training and placement cell is headed by our placement In-charge Mr. T. Ashok. Students have been trained on Personality Development, Career



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Development and Interview handling Skills by a deliberately skilled trainer. Also, they are trained to meet the Industrial needs and requirements by undergoing Technical and Aptitude Ability tests by experienced skilled person from various Educational Departments.


As on today, all the eligible students have been placed in the reputed Organizations. 75% of the students under willingness got placed in the below mentioned companies.

1. SANMINA/Eureka
2. EXCEL PLAST
3. AQUA EXCEL
4. RAJSRIYA AUTOMOTIVE INDUSTRIES PVT.LTD
5. ILJIN AUTOMOTIVE INDUSTRIES PVT.LTD
6. HNI AUTO TECH

#### **4. MEMORANDUM OF UNDERSTANDING (MoU)**

Students could be moulded to the Industry requirements through In-plant Training, Industrial Visit and Training by resource persons from Industry. Student's placement potential could also be improved.



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Jointly with ICTACT, A design academy has been started in our campus to cater to the timely needs of the faculty and students with respect to technological developments.

MoU has been signed with the EDI Hub of Government of India which has enabled our students to access the Learn-Wise mobile application to transform them into successful entrepreneurs. It is worth mentioning that our college has been empanelled under “PMYUVA” scheme of Government of India.

List of organizations with which MoU's have been signed for this academic year.

1. Perfect International Fabricators (P) Ltd,
2. Velmurugan Heavy Engineering Industries Private Limited
3. R.K. Engineering Enterprises
4. GK Sons Engineering Enterprises Pvt. Ltd.,
5. Royal Engineering Works
6. Katthirmalai Engineering Works



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## 5. ENTREPRENEURSHIP DEVELOPMENT

Entrepreneurship Development Cell has been established by M.A.M. School of Engineering. Ever since its inception, the cell has embarked on its flagship programme of continuous innovative thinking in order to enhance the economy. The cell concentrates on the rural fronts so as to develop the potential of the rural youth and initiate their dreams come true.

Our Principal Dr. P. Ranjith Kumar and Prof. B. Chandramohan participated in the workshop conducted under “PMYUVA Scheme” for 5 days at Chennai.

Principal Dr. P. Ranjith Kumar and Prof. B. Chandramohan participated in the “Top management workshop” on 12<sup>th</sup> March 2018 at the APJ Abdul Kalam Auditorium, BIT Campus, Anna University, Trichy.

1. Entrepreneurship Awareness Camp participated by our College students from 24.07.2017 to 26.07.2017. Auditorium in GNV block at SASTRA University, Thanjavur.

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2. Two students have attended an E-Leader's Workshop on 21.08.2017 & 22.08.2017 at Sastra University, Thanjavur.
3. Six students have attended an One day "B-Plan Preparation Workshop" on 28.12.2017 at Saranathan college of Engineering, Trichy.

## 6. SCHOLARSHIP


We are arranging Scholarship to the students provided by the Government of Tamil Nadu for the students who secure more than 90% in Board examinations are encouraged by giving 50% fees waiver by the management.

## 7. SPONSORS

Management also encourages Faculty members to do Research and Higher studies by providing Sponsorship. Six of our Faculty members are benefited through this.

1. Mr.M.Paneer Selvam/AP/MECH-Pursuing Ph.D.
2. Mr.P.Selva Kumar/AP/MECH-Pursuing Ph.D.
3. Mr. G .Venkatesh/AP/PHYSICS-Pursuing Ph.D.



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4. Mr.T.Ashok/AP/ECE-Pursuing Ph.D.
5. Mr.N.Abdur Rahman/AP/ECE-Pursuing Ph.D.
6. Mr.K.Balamurugan/AP/S&H-Pursuing Ph.D.
7. Mr.G.Purushothaman/AP/EEE-Pursuing Ph. D. Power systems.

## 8. EVENTS OF SIGNIFICANCE


•To enhance the Environmental Awareness on Sustainability, “EXNORA” was installed in our campus on 8.8.2017. Mr.Mohan, International HR Trainer, Social Scientist & Founder, Youth Exnora, Trichy District, TN State motivated around 205 students to safeguard the environment from various destructions.

•In Association with Mahatma Gandhi Eye Hospital, Tennur, Trichy we organized an “Eye Check-up Camp” in our campus on 21.09.2017, in which 150 students and 40 staff members were benefitted.

•To promote social activities, “ROTRACT Club” was installed in our campus on 25.10.2017 by Rtn.S.M.Balaji, District Rotract Chairman RID 3000.

• To increase the leadership quality among the students, students from all the Department Association jointly organized “ACME 2K18”, 7<sup>th</sup> National level




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**Technical Symposium**” on 15<sup>th</sup> February, 2018. ACME 2K18, provided a good platform for the students for innovation and the fortitude to think critically, plan, execute and achieve. Innovating minds and speaking potentiality are brought out by students and benefitted other individuals to gain knowledge. The event started with a formal inauguration, Mr.S.Sampath, Chief Executive Operations, Velmurugan Industries shared his views about “The Innumerable Opportunities in Industrial sector and Automation” looking forward to achieve through top 10 strategic technological ideas. Budding minds of 150 students from various other Institutions participated in Paper presentation and also in other events such as Line follower, RC race, Para drive, Boome Rang etc.

- **Mr. S. P. Muthuraman**, Film Director & Writer inaugurated our “**Tamil Mandram**” on February 16<sup>th</sup> 2018 in our campus to promote our mother tongue.
- As a part of Tamil Mandram activity, the following programmes were conducted.

PROGRAMME	DATE	NO.OF	VENUE	CHIEF GUEST
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CONDUCTED		STUDENTS ATTENDED		
Seeri Ezhu, Sigaram Thodu	17.02.2018	205	Seminar Hall	Dr. Arasu Parameshwaranar, Professor, Govt. College, Namakkal.
Thannambikai Koll, Thalai Nimirnthu Nil	16.3.2018	200	Seminar Hall	Mr. Abrar Ahamed, Poet & Orator

- On February 21<sup>st</sup>, 2018 a” **Blood Donation and General Health Check-up Camp**” was conducted in our campus with **103** students donated Blood, and around **400** students and staff members made a General check-up.

- In order to break the unseen bridge among the fresher’s, Department of Science and Humanities organized **BASICS’18** (8<sup>th</sup> State Level Technical Symposium) for I year B.E Students on 23<sup>rd</sup> March, 2018. Dr. P. Ranjith Kumar, Principal, M.A.M.S.E delivered the presidential address. The Chief Guest, Mr. R. Senthil Kumar, Assistant Director, MSME Development Institute, Ministry of MSME, Govt. of India, Chennai, explained about MSME (Micro, small & medium enterprises), its classification, services, investments in Plant, Machinery and equipments sectors, etc. He advised the students to make use of events like

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**BASICS'18** to develop their technical and communication skills. He also insisted the students to dream of becoming entrepreneur as the words by our former president Dr. A .P. J. Abdul Kalam which motivated the young minds to blossom.


- To promote social responsibilities among students community from various disciplines of Education, **RED RIBBON CLUB** was inaugurated in our campus on April 4<sup>th</sup>, 2018. The expert from Tamil Nadu State AIDS Control Society (Resource person) Mr. Karthik Bharathi, Asst. Director, and Chennai was invited to share his experience.

- In addition to this, we do provide YOGA classes for the students to increase their Grasping power and Concentration. Apart from these above mentioned, many more activities have been continuously carried out by our college to bring the students as well as the institution to greater heights.

- To provoke the initiatives among the fresher's, Fire safety awareness was also given to the first year students in order to train them in case of emergency.

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## 9. COUNSELLING AND VALUE EDUCATION


The student life is getting complex day by day. Guidance is needed to help the students for optimum achievement and adequate adjustment in the varied life situations. Need Analysis of the students shows the need of Guidance and counseling services, in the education, profession, vocation, social, health, moral, personal-areas.

We provide Guidance and counseling which helps the students to have a better-self understanding and proper adjustment to self and society. On 12.03.2018, **Dr. Randeep Rajkumar**, Councilor, SRM Medical College, Irungalur, Trichy have addressed the students on “Enhancing Life Skills”.

### 9.1. ORIENTATION /MOTIVATIONAL PROGRAMME ORAGANIZED


S.No	Seminars/Guest Lecturers/Workshops/ Orientation Programs	Date	No. Of Participants	Venue	Speaker/Resource Person
1.	Role of Parents in Higher Education and Responsibilities	2/8/2017	210	Seminar Hall	Krishna Varadharajan / Dr.S.Selvam
2.	Good Vs Great	10.8.17	105	Seminar Hall	Prof.Boominathan
3.	Face The Future	17.8.17	.125	Seminar Hall	Prof. G.Balakrishnan
4.	I'm An Engineer - Go	19.8.17	128	Seminar Hall	Mr.R.Bhaskaran, MBA, (HR)



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	the extra mile. It's never crowded there.				
5.	Let us Araise and Build	21.8.17	110	Seminar Hall	Dr.Sankari, Motivational Speaker
6.	What Next	24.8.17	110	Seminar Hall	Exn. S.P.MOHAN,HR Trainer & Social Scientist,
7.	Human kind	29.8.17	110	Seminar Hall	DR.Subbhurethina bharathy, Director, M.A.M. B-School
8.	Communicative Skills	30.8.17	110	Seminar Hall	Prof. Amala Ruban, Head Dept.of English, MAMCE
9.	Stress management	16.9.17	110	Seminar Hall	Mrs.R.Karpagam, AP/English,MAMSE
10.	Winning in Examinations	16.9.17	110	Seminar Hall	Dr.P.V.K.Perumal, Dean, Research & Development, MAMSE
11.	Ethical & Moral Values	19.9.17	110	Seminar Hall	Dr. Jaganathan, Vice-chairman, College governing Council; Director, Research and Development MAMSE
12.	Who is real Engineer	26.09.17	110	Seminar Hall	Dr. S. Madhu, Former Scientist CECRI & Patent Developer
13.	Bharathi Ula	13.12.17	110	Seminar Hall	Mr.S. P.Muthuraman, Film Director & Writer
14.	Ignite	28.11.20 17	200	Seminar Hall	Dr.S.Krishnakumar, Scientist, DRDO, Chennai
15.	"I=Success" (Exclusively for boys)	3.3.2018	250	Seminar Hall	Dr.S.Rahini, M.com,M.B.A,M.Phil, Asst.Professor in Heber institute of Management studies, Bishop Heber College, Trichy.



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## 10. EXTRA CURRICULAR ACTIVITIES

### 10.1. SPORTS

“Sports is where preparation and opportunity meets”.


Our College has men teams for Basketball, Badminton, Cricket, Football, Volleyball, Kabaddi, Athletics, Chess and women team for Badminton, Chess, Volleyball and Athletics. These students were very well encouraged to take part in the Anna University of Technology, Chennai, Zone-14 tournaments and Tamil Nadu Inter Engineering Sports (TIES).

### 10.2. ACHIEVEMENTS

The Anna University Sports Board, Chennai conducted the Zone-14 Badminton tournament on October 8<sup>th</sup>, 2017. Our College Team won Silver Medal in the tournament. In the Chess tournament held on September 15<sup>th</sup>, 2017, our College Team won “Silver Medal”.

In the Kabaddi tournament held on October 10<sup>th</sup>, 2017, our College Team won Fourth place. In the Tennis tournament held on October 14<sup>th</sup>, 2017, our College Team won “Fourth place”.



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### 10.3. OTHER TOURNAMENT PARTICIPATION

Our College Men Badminton Team participated in the state level; Badminton tournament conducted by SASTRA University Thanjavur on Feb'09 2018 and won "Bronze Medal" in the tournament.

Our College Men Badminton Team participated in the state level; Badminton tournament conducted by Parisutham Institute of Technology & Science University Thanjavur on October'14 2017, and won "Bronze Medal" in the tournament.

### 10.4. ATHLETICS

The following students of our institution have been participated in the Anna University Zone'14 Inter college Athletic meet on September '07 2017.

Our college students secure "Gold & Silver medal" in the meet.


1. S.Rajesh , Final Year /Mech/Gold Medal in Long Jump
2. S.Rajesh, Final Year /Mech/Silver Medal in Triple Jump
3. Karnan.Third Year /CSE/Silver medal in 800 mts.

With this, we have come to an end of the Annual report for academic year 2017-2018

  
IQAC COORDINATOR

  
**PRINCIPAL**  
**PRINCIPAL**  
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## Annual Report 2016-2017

### DEPARTMENTS:

#### MAMSE

- B.E. Computer Science and Engineering
- B.E. Electronics and Communication Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Aeronautical Engineering
- B.E. Mechanical Engineering
- B.E. Mechatronics Engineering

The total sanctioned intake for under graduate courses is 480 and admissions to the courses are made in accordance with the norms laid down by AICTE.

### 1.INFRA STRUCTURE:

#### 1.1 Land and building:


The college was started with a land of 11.47 acres and with a built up area 1,92,589 square ft. The class room and seminar hall area is 27,091 square ft, laboratory area is 47,275 square ft and other amenities are 26,279 square ft. The investment made so far in building alone is 18 crores.

#### 1.2 Laboratories:

##### 1.2.1 Department of Mechanical Engineering:

LAB NAME	AREA (Sq.mtr)
Thermal Engineering Laboratory	1097
Dynamics Laboratory	457



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Metrology and Measurements	457
Engineering Practices Laboratory	792
Fluid Mechanics And Machinery	457
CAD / CAM Laboratory	366
Manufacturing Technology	1097
Strength of Materials Lab	366

### 1.2.2 Department of Electrical and Electronics Engineering:

LAB NAME	AREA ( Sq.Meters)
Electrical Circuits' Lab	600
Measurement And Instrumentations Lab	1200
Power Electronics Lab	600
Power System Simulation Lab	600
Electrical Machines Lab	3000


### 1.2.3 Department of Electronics and Communication Engineering:

LAB NAME	AREA ( Sq.Meters)
Circuit and Devices Lab	91
Digital Electronics/LIC Lab	91
DSP Lab/Networks Lab	91
Microprocessor and Microcontroller Lab	91
Optical & Microwave Lab	91

### 1.2.4 Department of computer science Engineering:

LAB NAME	AREA (Sq.mtr)
Peter Norton Lab	1592



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Shiva Ayyadurai Lab	691
Max Newman Lab	979
Richard Stallman Lab	1040
Charles Babbage Lab	700

### 1.2.5 Department of Aeronautical Engineering:

LAB NAME	AREA ( Sq.Meters)
Aerodynamics laboratory & Propulsion Laboratory	222.97
Aircraft Structures-I & Structures-II Laboratories	111.48
Aero Engine and Airframe Laboratory	111.48
Aircraft Systems Laboratory	128.26
Flight Integration Systems and Control Laboratory	83.61


### 1.2.6 Department of Mechatronics Engineering:

LAB NAME	AREA (Sq-m)
AHP Lab	162 Sq-m
MCPLC	98 Sq-m

### 1.2.7 Science And Humantics:

LAB NAME	AREA ( Sq.Meters)
Aerodynamics laboratory & Propulsion Laboratory	222.97
Aircraft Structures-I & Structures-II Laboratories	111.48
Aero Engine and Airframe Laboratory	111.48
Aircraft Systems Laboratory	128.26
Flight Integration Systems and Control Laboratory	83.61



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### 1.3 Library:

The college has an excellent library for the benefit of students, faculties and researchers. The library has a large collection of books covering various branches of engineering, science, humanities and its related fields. The library is spread over 4310sq.ft area with a reading hall. The library has more than 15,000 volumes of books consisting of 5030 titles. The collections also includes handbooks and encyclopedia. The library subscribes to 72 national and 38 international journals and there are about 165 back volumes. Our library also subscribes to e-journals INFOTRACK through INDEST-AICTE consortium and DELNET. The library is kept open from 9.00 am to 9.00 pm including holidays for the benefits of students.


### 2.FACULTY :

S.No	Name Of The Department	Teaching	Non-Teaching
1	Department Of Mechanical Engineering	11	2
2	Department of Electrical and Electronics Engineering	6	2
3	Department of Electronics and Communication Engineering	8	1
4	Department Of Computer Science Engineering	8	1
5	Department of Aeronautical Engineering	7	1
6	Department of Mechatronics Engineering	5	1
7	Science and Humantics	7	2
8	Library	2	-

### 3.STUDENTS ON ROLL:

S.No	Name Of The Department	No.Of Students
1	Department of mechanical engineering	212
2	Department of Electrical and Electronics Engineering	60



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3	Department of Electronics and Communication Engineering	45
4	Department of computer science Engineering	29
5	Department of Aeronautical Engineering	35
6	Department of Mechatronics Engineering	82
7	Science And Humantics	190


#### **4.SPONSORED FOR HIGHER STUDIES:**

1. Mr.P.Kaviyarasu/AP/Aero- Pursuing M.E. Thermal Engineering
2. Mr.T.Vigneshwaran/AP/Aero- Pursuing M.E. Thermal Engineering
3. Mr. M. Rajesh / AP/Mech – Pursuing Ph.D. Network Security.
4. Mr. G. Luke Justin Johnson /AP/Mech- Pursuing M.E. Thermal Engineering
5. Mr.G.Purushothaman/AP/EEE-Pursuing Ph.D.Power systems

#### **5. SPONSORED FOR CONFERENCE/SEMINAR/WORKSHOP:**

S.No	Name Of The Department	No.Of Faculty Attended
1	Department of mechanical engineering	7
2	Department of Electrical and Electronics Engineering	6
3	Department of Electronics and Communication Engineering	3
4	Department of computer science Engineering	4
5	Department of Aeronautical Engineering	6
6	Department of Mechatronics Engineering	5
7	science and humantics	2



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## 6.PUBLICATIONS:


### • Department of Aeronautical Engineering

S. No	Name of the faculty	Journal name	Date	Title
1.	P.kaviyarasu	International journal of advanced and innovative research	July 2016	Emission control in modified kirlosker tv-1 diesel engine by aqua silencer
2.	T.vigneshwaran	Polymer & polymers composites (anna univ. Annexure – i)	July 2016	Experimental study on structural characterization of biocomposites
3.	S.anand	International journal of advanced and innovative research	June 2016	Effect of geomentric twist on wind turbine Blade
4.	P.kaviyarasu	International journal of current innovation research	Sept-2016	Design and analysis of mechanical and thermal Behaviour of shape memory alloy in engine's intake and Exhaust

### • Department of Electronics and Communication Engineering

S.No	Author	Designation	Title	Name of the Journal	Year of Publication
1	T.Ashok	HoD	Robot Control Through An Adaptive Brain Robot Interface	IJSRE	July 2016
2	T.Ashok	HoD	Smart ATM Access and Security System using RFID and GSM Technology	IJSRE	July 2016
3	M.Chandrasekar	Asst.Prof	Robot Control Through	IJSRE	July 2016




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			An Adaptive Brain Robot Interface		
4	M.Chandrasekar	Asst.Prof	Smart ATM Access and Security System using RFID and GSM Technology	IJSRE	July 2016
5	R.Banupriya	Asst.Prof	Smart ATM Access and Security System using RFID and GSM Technology	IJSRE	July 2016
6	N.Logeshkumar	Asst.Prof	Robot Control Through An Adaptive Brain Robot Interface	IJSRE	July 2016
7	N.Logeshkumar	Asst.Prof	Smart ATM Access and Security System using RFID and GSM Technology	IJSRE	July 2016
8	P.Sudha	Asst.Prof	Robot Control Through An Adaptive Brain Robot Interface	IJSRE	July 2016

• **Department of Mechatronics Engineering**

S. No	Name	Title	Details
1	P.Kavitha	Smart Atm Access And Security System Using Rfid And Gsm Technology	Ijsre, Issn (E) : 2321-7545, June 2016
2	P.Kavitha	Robot Control Through An Adaptive Brain Robot Interface	Ijsre, Issn (E) : 2321-7545, July 2016




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3	S.Chandra Vadivu	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Ijir, Issn :2554-1362, Vol 3, Issue 1
4	P.Karthick Selvam	Review On Design Of Pcm Based Thermal Energy Storage System	Ijir, Issn 2454-1352, Volume 2, Issue 2, 2016
5	R.Logesh	Robot Control Through An Adaptive Brain Robot Interface	Ijsre, Issn (E) : 2321-7545, July 2016
6	G.Saranya		

• **Department of Mechanical Engineering**

S. No	Name of the faculty	Journal name	Date	Title
1.	Mr. G. Luke justin johnson	Polymer & polymers composites	July 2016	Experimental study on structural characterization of bio composites
2.	Dr. K. Chandrasekeran	Advanced material science and engineering, usa	Dec 2016	Al6061 hybrid metal matrix composite reinforced with alumina and molybdenum disulphide'
3.	T. Uma sankari	Imperial journal of interdisciplinary research	Nov 2016	Nd - yag laser cutting on stainless steel
4	R. Ramanathan	Fracture studies on basalt fiber	Aug 2016	Ijrasnet
5	K. Parthiban	Imperial journal of interdisciplinary research	Nov 2016	Design modifications and analysis of two wheeler water cooling system




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6	S.maniamramasamy	Imperial journal of interdisciplinary research	Nov 2016	Design modifications and analysis of two wheeler water cooling system
7	R. Ramanathan	Fracture studies on basalt fiber	Aug 2016	Ijaset
8	T. Uma sankari	Fracture studies on basalt fiber	Aug 2016	Ijaset
9	M.panneerselvam	Experimental investigation of machining parameters in edm using en36 material	Oct 2016	Arpn journal of engineering and applied sciences

• **Department of Electrical and Electronics Engineering**

S.No	Name of the Faculty	Journal Name	Title of the Paper	Year of Publications
1	Dr.R.Ilango	International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Sep 2016
2	R.Raghavi	International Journal on Applications in Electrical and Electronics	Zero Steady State Error for single phase grid connected inverter using HERIC	Jan 2017
		Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Nov 2016
3	N.Karthika	International Journal Of Science And Research (IJSR, Google Scholar)	Harmonic Reduction In 7-Level Inverter With Reduced Number Of Switches	Nov 2016




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		International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Jan 2017
4	V.Sivashankari	Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Jan 2017
5	G.Purushothaman	International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Jan 2017
6	M.Sasikala	Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Jan 2017

• **Department of computer science Engineering:**

S. No	Name of the faculty	Journal name	Date	Title
1	Arvindhan.M	ICEEE	2017	Detection Of Misbehavior Node In Wireless Adhoc Networks Using AMD Method
2	Arvindhan.M	ICEEE	2017	Encrypted Multi-keyword Ranked Search Scheme for preserving Cloud Data
3	Murugavalli.S	IJIR	2016	Design and Implementation of Efficient Carry Select Adder on Reconfigurable Device Using Novel Logic Formulation



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4	Murugavalli.S	IJCTT	2017	Eliminate the control path Latency using Speculative Transmission Scheme.
5	S.Nandhini Devi	IJRE	2017	Software fault prediction using clustering Algorithm.
6	S.S.Suganthi	IJRECT	2017	Semantic Content in videos extracted using domain ontology model.
7	A.Sheikh Abdul Hameed	IJECE	2017	Detection of mischievous nodes in P2P streaming.

#### Science And Humantics:

S. No	Name of the faculty	Journal name	Date	Title
1	K.Balamurugan	International Journal of Innovative Science, Engineering & Technology	2016	Soft Structures on Fuzzy Version of Soft INT G-Modules
2	K.Balamurugan	International Journal of Scientific Research and Modern Education	2016	Soft Union Fuzzy Structures Of G-Modules
3	K.Balamurugan	International Journal of Applied Research	2017	Group action on G-invariant fuzzy sub lattice with thresholds of complemented lattices
4		International Journal of Applied Research	2017	Brief discussions on T-level complex fuzzy subgroup



### Example:

```
>>> x=input("enter the name:")
enter the name: george
>>>y=int(input("enter the number"))
enter the number 3
```

#python accepts string as default data type. Conversion is required for type.

**OUTPUT:** Output can be displayed to the user using Print statement .

### Syntax:

```
print (expression/constant/variable)
```

### Example:

```
>>> print ("Hello")
Hello
```

## COMMENTS:

- ☐ A hash sign (#) is the beginning of a comment.
- ☐ Anything written after # in a line is ignored by interpreter.
- Eg:** percentage = (minute \* 100)/60                      # calculating percentage of an hour
- ☐ Python does not have multiple-line commenting feature. You have to comment each line individually as follows:

### Example:

```
# This is a comment.
# This is a comment, too.
# I said that already.
```

## DOCSTRING:

- ☐ Docstring is short for documentation string.
- ☐ It is a string that occurs as the first statement in a module, function, class, or method definition. We must write what a function/class does in the docstring.
- ☐ **Triple quotes** are used while writing docstrings.

### Syntax:


**functionname \_doc\_ Example:**

```
def double(num):
    """Function to double thevalue"""
    return 2*num
>>>print (double.__doc__)
Function to double the value
```

## LINES AND INDENTATION:

- ☐ Most of the programming languages like C, C++, Java use braces { } to define a block of code. But, python uses indentation.
- ☐ Blocks of code are denoted by line indentation.
- ☐ It is a space given to the block of codes for class and function definitions or flow control.




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• **Department of Computer Science and Engineering**

S.No	Name of the Student	Seminar/ Workshop/Quiz/ Sports	Place/Institution	Title
1.	V.Priyanka	Paper Presentation	Trichy Engineering College	Fee Collection Using Optimal Interaction Model.
2.	V.Sangeetha	Paper Presentation	Trichy Engineering College	Fee Collection Using Optimal Interaction Model.
3.	V.Priyanka	Quiz	Trichy Engineering College	Techical Quiz
4.	V.Sangeetha	Quiz	Trichy Engineering College	Techical Quiz
5.	V.Priyanka	Gaming Event	Trichy Engineering College	Spotexent
6.	V.Sangeetha	Gaming Event	Trichy Engineering College	Spotexent
7.	P.Balasubramanian	Paper Presentation	Vivekanandha Womes College Of Engineering, Tiruchengode.	Electronic Bill Payment System
8.	J.Ozin Thomcy	Workshop	Government College of Technology	Internet 20.
9.	R.Vijaya Siva	Workshop	Government College of Technology	Internet 20.
10.	S.Yasvaanth	Workshop	NIT	Python
11.	S.Mohammed Hakkim	Workshop	NIT	Python
12.	K.Dhivya	Workshop	NIT	Python
13.	A.Rohan Asik	5 days Workshop	Kumaraguru College, Koimbatore.	EDP
14.	J.Karan	Sports	MAMSE	football
15.	S.Nixan	Sports	MAMSE	football






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• **Department of Mechanical Engineering**

S. No	Name Of The Student	Seminar/ Workshop/Quiz/	Place/Institution	Title
1.	Harihara Sudhan.A	Paper Presentation	Trichy Engineering College	Micro Driller Machine
2.	Chandramohan.B	Paper Presentation	Trichy Engineering College	Micro Driller Machine
3.	Rajeshwaran.S	Paper Presentation	Trichy Engineering College	Micro Driller Machine
4.	Thirumavalavan.T	Paper Presentation	Trichy Engineering College	Micro Driller Machine
5.	Vignesh.G	Paper Presentation	Trichy Engineering College	Oil Slimmer
6.	Pasupathi.S	Paper Presentation	Trichy Engineering College	Oil Slimmer
7.	Sathiyaseelan.R	Paper Presentation	Trichy Engineering College	3d Printing
8.	Abdul Latheef.S	Paper Presentation	Trichy Engineering College	3d Printing
9.	Meenakshi Sundaram. P	Workshop	Krct	Ndt
10.	Ranjith Kumar. R	Workshop	Krct	Ndt
11.	Velmurugan .P	Workshop	Krct	Ndt
12.	Sathis Kumar. G	Workshop	Krct	Ndt
13.	William Kilbert .R	Workshop	Krct	Ndt
14.	Sowndara Pandiyan.S	Workshop	Krct	Ndt
15.	Naveeth Ahamed.S	Workshop	Krct	Ndt
16.	Siddharthan. N	Workshop	Nit	Cnc
17.	Pradeep Kumar.R	Workshop	Nit	Cnc
18.	Praveen. P	Workshop	Nit	Cnc
19.	Ragul.M	National Conference	Chearn College -Karur	Charectristic Analysis Of Aluminium Metal Matrix
20.	Raja.M	National Conference	Chearn College -Karur	Charectristic Analysis Of Aluminium Metal Matrix
21.	Raja.R	National Conference	Chearn College -Karur	Charectristic Analysis Of Aluminium Metal Matrix
22.	Rajasimman.M	National Conference	Chearn College -Karur	Charectristic Analysis Of Aluminium Metal Matrix




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23.	Kesavan.A	Paper Presentation	Chettinadu College Of Engg-Karur	Cad Modelling
24.	Iniyavan.A	Workshop	Krct	Tig & Mig Welding
25.	Anandharaj.P	Workshop	Krct	Tig & Mig Welding
26.	Amresh Kumar.V	Paper Presentation	Trichy Engineering College	Gamma Absorption Characteristic Of Concrete With Zeolites B <sub>4</sub> c
27.	Aravindh.V	Paper Presentation	Trichy Engineering College	Gamma Absorption Characteristic Of Concrete With Zeolites B <sub>4</sub> c
28.	Ajith Kumar. K	Paper Presentation	Trichy Engineering College	Cnc Milling Machine
29.	Ajith Kumar. R	Paper Presentation	Trichy Engineering College	Cnc Milling Machine
30.	Mohamed Basith .S	Paper Presentation	Chearn College - Karur	Investigation Of Aluminum Hybrid Composite For Air Wings
31.	Rathina Ganapathy .J	Paper Presentation	Chearn College - Karur	Investigation Of Aluminum Hybrid Composite For Air Wings
32.	Mohan Kumar. T	Paper Presentation	Chearn College - Karur	Investigation Of Aluminum Hybrid Composite For Air Wings
33.	Surya Maniam. T	Paper Presentation	Chearn College - Karur	Investigation Of Aluminum Hybrid Composite For Air Wings
34.	Bharani Selvan. S	Paper Presentation	Chearn College - Karur	Investigation Of Similar And Dissimilar Material Weld For Boiler Panels
35.	Biju Adaikala Nixon. S	Paper Presentation	Chearn College - Karur	Investigation Of Similar And Dissimilar Material Weld For Boiler Panels
36.	Cheziyan.M	Paper Presentation	Chearn College - Karur	Investigation Of Similar And Dissimilar Material Weld For Boiler Panels






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• **Department of Electrical and Electronics Engineering**

s.no	Name of the Student	Seminar/ Workshop/Quiz/ Sports	Place/Institution	Title
1.	Ajith A	Paper Presentation	MAMCE	Automated energy meter
2.	Ajith A	Paper Presentation	OAS College of Technology	Production of Electricity from artificial nano tree.
3.	Ajith N	Paper Presentation	MAMCE	Automated energy meter
4.	Preemkumar	Paper Presentation	UCE, Ariyalur	Recent trends on power generation
5.	Sarwathkahan	Paper Presentation	UCE, Ariyalur	Recent trends on power generation
6.	Lakshmi priya	Paper Presentation	MAMCE	PLC and SCADA
7.	Gayathri	Paper Presentation	MAMCE	Multilevel inverters
8.	Amreen sultana begam	Paper Presentation	MAMCE	Multilevel inverters
9.	Ajith A	Paper Presentation	Trichy engineering college	Automated toll connection system using RFID technology
10.	swarthakhan	Paper Presentation	Trichy engineering college	Automated toll connection system using RFID technology
11.	Nagalingam	Paper Presentation	Muthayammal engineering	Automated toll connection system using RFID technology
12.	Priyanka	2 days workshop	TRP Engineering college	Introduction to MATLAB
13.	Rajaganapathi	2 days workshop	TRP Engineering college	Introduction to MATLAB
14.	Suresh	2 days workshop	TRP Engineering	Introduction to MATLAB




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			college	
15.	hariharan	2 days workshop	TRP Engineering college	Introduction to MATLAB

• **Department of Electronics and Communications Engineering**


Sl.no	Name of the Student	Seminar/ Workshop/Quiz/ Sports	Place/Institution	Title
1	Hither Ali A	Symposium E Mission 2K16	M A M College of Engineering	Just a minute
2	Sheik Shahabudeen A H	Symposium E Mission 2K16	M A M College of Engineering	Just a minute
3	M.Ajith	Paper Presentaion	AVS Engineering college	Sniper Tracking Technology
4	S.Santhanam	Paper Presentaion	AVS Engineering college	Sniper Tracking Technology
5	K.Sushmitha	Paper Presentaion	Mount Zion College of Engineering and Technology	Sniper Tracking Technology
6	S.Santhanam	Paper Presentaion	Mount Zion College of Engineering and Technology	Sony Smart Agent
7	Sridevi	Paper Presentaion	Mount Zion College of Engineering and Technology	Sony Smart Agent
8	Hither Ali A	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Enhancing energy efficiency in the dynan cluster head of WSN
9	Sheik Shahabudeen A H	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Wireless power transf using solar panel for ele vehicle applications



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10	Krishnakumar.M	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Enhancing energy efficiency in the dynamic cluster head of WSN
11	Manjula.S	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	A Novel system for newborn face recognition using image fusion
12	Kamesh K	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	A Novel system for newborn face recognition using image fusion
13	Nageswari	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Multiplier less Unity-Gain SDF FFTs
14	Sumaiya Begam	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	IOT based Health Care system
15	Kiruthika.S	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	IOT based Health Care system
16	Yoganathan	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Wireless power transfer using solar panel for electric vehicle applications
17	Rajkumar.R	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Wireless power transfer using solar panel for electric vehicle applications
18	Abrar Ahamed S M	Symposium-Paper Presentation	M.A.M College of Engineering and Technology	Multiplier less Unity-Gain SDF FFTs
19	S.Santhanam	Paper Presentation	Trichy Engineering College	Common View humanoid Robot
20	Francina	Paper Presentation	Trichy Engineering College	Common View humanoid Robot
21	S.Santhanam	Paper Presentation	Mount Zion College of Engineering and Technology	Sniper Tracking Technology
22	Pandisolai	Paper presentation	M.A.M College of Engineering and Technology	Multiplier less Unity-Gain SDF FFTs



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			Technology	
23	Mohamed hakkim	Paper presentation	M.A.M College of Engineering and Technology	Enhancing energy efficiency in the dynamic cluster head of WSN

## 9.SYMPOSIYA:


### 9.1 BASICS:

The Department of Science and Humanities of M.A.M. School of Engineering organized BASICS'17 (7<sup>th</sup> State Level Technical Symposium) for I year B.E Students on 11<sup>th</sup> March, 2017. The Inaugural Programme commenced with the lighting of Kuthu Vilakku by the dignitaries on the dias at 10.30a.m in Seminar Hall. Dr. P. Ranjith Kumar, Principal, M.A.M.S.E delivered the presidential address. Our student representative Mr. N. Mohammed Muzammil, I year Mechanical, MAMSE welcomed the gathering. Dr. P. Lilly Florence, Convener/Chief Coordinator for I B.E, M.A.M.S.E gave brief introduction about BASICS'17. Our student representative Ms. M. Madhumitha, I year, ECE introduced the chief guest, Mr. G. R. Janarthanan, Executive Director, India Pistons Ltd, MM Nagar, Chennai. The Principal honored the chief guest with Shawl and Memento.

The chief guest, Mr. G. R. Janarthanan, Executive Director, India Pistons Ltd, discussed about seven challenges for the engineering students that are pollution and global warming, solar energy production, electric car, automation in production, shortage of fossil fuels, solid waste management and money saving. He also talked about the technology challenges for developing a sample model to produce. His interaction with students exposed them to information about the huge power generation needed in 2020 and role of solar electric power. His valuable





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explanation consisted of electric vehicles, how they are priced currently. He also explained the economic situation for using electric car battery charging. In his speech, he also told that 90% solid wastes lead to polluted land. He spoke with students how to save money without spending unnecessarily and saving the money is desired quality of students in various situations. He concluded his speech with the hope that the education level will be increased in 2020. Our student representative Mr. U. Santhosh Kumar, I Year Mechanical proposed the vote of Thanks.


We feel extremely happy to mention that this year around 300 students registered for BASICS'17 and more than 120 students were selected for participation in the technical sessions such as Paper Presentation, Science Project Expo, Web World, Mathematical Puzzle, Treasure Hunt and Short Film held from 10.30 a.m. to 4.00 p.m. at various places. The winners of various events were selected by subject experts from various institutions acting as juries.

The valediction of BASICS'17 (7<sup>th</sup> State Level Technical Symposium) was conducted between 4.00p.m and 4.45p.m. Our student representative Mr. P. Sundar welcomed the gathering. Ms. T. Indra of I year Aeronautical, read the report of BASICS'17. Dr. P. V. K. Perumal, Dean (R&D), MAMSE delivered valedictory address.

In the valedictory address, Dr. P. V. K. Perumal insisted that engineering subjects should be studied with understanding of basics and the students should be very good in communication. He advised the students to make use of events like BASICS'17 to develop their technical and communication skills. His speech was inspirational when he quoted the words of Dr.A.P.J.Abdul Kalam.

Dr. P. Ranjith Kumar, Principal, MAMSE and Dr. P. V. K. Perumal, Dean (R&D), MAMSE distributed the shields and certificates to the winners. Our



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student representative Mr. M. Mohammed Muzzamil of I year EEE delivered the vote of thanks. The programme came to an end with National Anthem.

## 9.2 ACME: NIL

## 10. INTERNATIONAL CONFERENCE:

The First international conference on Recent Advances in Engineering and Technology is being organized by all the undergraduate programmes of M.A.M School of engineering today.


The conference ICRAET'17 is a mega educational fiesta which creates an avenue for engineers and academicians in exploring the recent developments, current practices and future trends in engineering. This is a platform for knowledge sharing across different disciplines.

We have started our conference work in the month of September. The committees were delegated their responsibilities to be discharged for this conference. A Wide publicity was made across all the surrounding colleges, regarding our ICRAET. Then in the subsequent months, we started receiving papers from research scholars and PG students.

The objective of the conference is to introduce the budding engineers of our college to the emerging techniques in the engineering domain with the presence of many eminent personalities from diverse areas.

The presentation and the invited talks arranged in this conference with really be an eye opens and an arena of new ideas emerging from the pool of talents will throw light into new.



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## 11. ASSOCIATION ACTIVITIES:

### 11.1 Department of Mechanical Engineering-MASS

The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	Pazhanivel.s	IV
Vice president	Abbas. P	III
Secretary	Jaipratap	IV
Joint secretary	Sagaya robinson r	III
Treasurer	Abdulrasheeth k	III

### 11.2 Department of Electrical and Electronics Engineering – OHM


#### ABOUT OHMS:

Electrical and electronics engineering department association OHMs was inaugurated on 29-7-2014 by Mr. S.MATHURBOOTHUM, General Manager (projects), Trichy.

The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	Hariharan	IV
Vice President	N.Ajith	III
Secretary	Dhanalakshmi	III
Joint Secretary	Amreen sultana	II
Treasurer	S.Rajaganapathi	IV



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### 11.3 Department of Electronics and Communication Engineering - EHELONZ

The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	Abrar Ahamed	IV
Vice president	Md.Hakkim	III
Secretary	Manjula	IV
Joint secretary	Indumathi	III
Treasurer	Kiruthiga	IV

### 11.4 Department of computer science Engineering – ICON:


The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	J.Ozin Thomcy	IV
Vice - President	M.Bala Subramaniam	III
Secretary	V.Sangeetha	III
Joint Secretary	K.Dhivya	II
Treasurer	S.Mohamed Hakkim	II

### 11.5 Department of Aeronautical Engineering – FLYGARE

The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	R.sheik mohiden	IV
Vice president	P.vijay	III
Secretary	C.ajith kumar	IV
Joint secretary	K.vino	II
Treasurer	J.ajith kumar	IV

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## 11.6 Department of Mechatronics Engineering

### ABOUT ASIMO

**ASIMO** is a humanoid robot designed and developed by Honda. Introduced on 21 October 2000, ASIMO was designed to be a multi-functional mobile assistant. With aspirations of helping those who lack full mobility, ASIMO is frequently used in demonstrations across the world to encourage the study of science and mathematics.

The office bearers of the Association are:

DESIGNATION	NAME OF THE STUDENT	YEAR
President	M. Maheshwaran	IV
Vice president	M. Daisy presilla	III
Secretary	R. Hariharan	IV
Joint secretary	G. Akilan	II
Treasurer	P. Gajendiran	IV


## 12.CLUB ACTIVITIES:

Various club activities are functioning under science and Humanities. We conduct programs regularly to encourage students in various aspects and to motivate them in future endeavors

The main clubs are:

- Mathematics:
- Einstein Club:



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- Chemistry Club:
- English Club:
- Red Ribbon Club:
- Youth Red Cross:
- Exnora:
- Rotaract club


#### 14. STUDENTS ACADEMIUCS RANKING:

##### 14.1 First year:

S.No	Semester	Section	Rank	Name
1	I	A	I	Indira.T
2			II	Pooja.V
3			III	Abinas Kumar
4	I	B	I	Firthose Banu
5			II	Sai Mahima
6			III	Madhumitha
7	I	C	I	Mohamed Ashik
8			II	Mohamed Muzzamil
9			III	Bharathi Raja
10	I	D	I	Naveen Kumar .K
11			II	Muthu Kumar.N
12			III	Moorthi.N

S.No	Semester	Section	Rank	Name
1	II	A	I	Anandha Babu.T (mech)
2			II	Antony Prince.S(mech)
3			III	Dhivya.K (AERO)
4	II	B	I	Muthuprakash.M(mecht)



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5	II	C	II	Ramanathan.A(mecht)
6			III	Sansha.S(mecht)
7			I	Madhumitha.K (ECE)
8			II	Ramalakshmi (ECE)
9			III	Sumiya Sulthana. (ECE)


#### 14.2 Aeronautical Engineering:

S.No	Semester	Rank	Name
1	Third	I	K.Dhivya
2		II	S.Romanus
3		III	Dhinakaran
4	Fourth	I	K.Dhivya
5		II	S.Romanus
6		III	S.Jeeva
7	Fifth	I	M.Deepika
8		II	V.Manikandan
9		III	D.Jayaraj
10	Sixth	I	M.Deepika
11		II	V.Manikandan
12		III	D.Jayaraj
13	Seventh	I	P.Gopalakrishnan
14		II	R.Sheik mohiden
15		III	J.Ajith kumar

#### 14.3 Computer Science Engineering:

S.No	Semester	Rank	Name
1	Third	I	K.Dhivya
2		II	S.Yasvaanth




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3		III	J.Karan
4	Fourth	I	Balasubramanian.P
5		II	-
6		III	-
7	Fifth	I	Balasubramanian.P
8		II	Sangeetha.v
9		III	Priyanka .v
10	Sixth	I	J.Ozsin thomcy
11		II	-
12		III	-
13	Seventh	I	R.Vijay siva
14		II	K.Dhivya
15		III	S.Yasvaanth

#### 14.4 Electronics And Communication Engineering:

S.No	Semester	Rank	Name
1	Third	I	Madhumitha.K
2		II	Ramalakshmi
3		III	Sumaiya Sulthana
4	Fourth	I	Kavya. S
5		II	Yalini. M
6		III	Indu Mathi. M. G
7	Fifth	I	Mohammed Hakkim
8		II	Yalini.M
9		III	Kavya.S
10	Sixth	I	-
11		II	-
12		III	-
13	Seventh	I	Manjula S
14		II	Sumiya Begam S



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15		III	Nageswari R
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#### 14.5 Electrical And Electronics Engineering:

S.No	Semester	Rank	Name
1	Third	I	Amreen sultana begam
2		II	Lakshmi priya
3		III	Gayathri
4	Fourth	I	Ajith N
5		II	Ajith A
6		III	Sarwathkhan
7	Fifth	I	Ajith N
8		II	Ajith A
9		III	Sarwathkhan
10	Sixth	I	Priyanka
11		II	-
12		III	-
13	Seventh	I	Priyanka
14		II	-
15		III	-

#### 14.6 Mechatronics Engineering:

S.No	Semester	Rank	Name
1	Third	I	Raju. R
2		II	Muthuprakash.M
3		III	Indumathi. K
4	Fourth	I	Sathyaseelan.P
5		II	Daisy Pricella M
6		III	Akilan G
7	Fifth	I	Muthu Kumar.N




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8	Sixth	II	Daisy Princella.M
9		III	Sathiyaseelan.P
10		I	Mohamed Thariq.N
11		II	Maheswaran.M
12	Seventh	III	Jeyashankari.G
13		I	Mohamed Thariq.N
14		II	Jeyashankari.G
15		III	Vignapriyan.K

#### 14.7 Mechanical Engineering:

S.No	Semester	Rank	Name
1	Third	I	Anandhbabu
2		II	Antony Prince
3		III	Kanagaraj. k
4	Fourth	I	Anandha Babu. T
5		II	Sathish C
6		III	Sathiya Moorthi A
7	Fifth	I	Rajeshwaran.S
8		II	Chandramohan.B
9		III	Mohamed Riaz M
10	Sixth	I	Rajeshwaran.S
11		II	Thirumavalavan.T
12		III	Pasupathi.S
13	Seventh	I	Pradeep Kumar.R
14		II	AmareshKumar.V
15		III	SathishKumar.G

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## 16.PLACEMENT:


### • Department of Mechatronics Engineering

S.no	Branch	Name	Company
1.	MECHT	Muthupandi.m	Zealous
2.	MECHT	Rabin pushparaj.s	Zealous
3.	MECHT	Saswanth.n	Zealous
4.	MECHT	Yuvaraj.u	Zealous
5.	MECHT	Mohamed sulaiman.m	Zealous
6.	MECHT	Mohamed abrarul haq.k.n	Zealous
7.	MECHT	Mohamed ashik.j	Zealous
8.	MECHT	Valan.a	Hyundai polytech india.pvt. Ltd
9.	MECHT	Rajesh.r	Delta cnc
10.	MECHT	Deen mohamed.s	Delta cnc
11.	MECHT	Muthu raman	Rane expanding horizons
12.	MECHT	Santhosh surya	Abs instruments pvt ltd.
13.	MECHT	Sathish kumar	Srf pvt ltd.
14.	MECHT	Anand raj	Zetek casting pvt ltd.
15.	MECHT	Megal dasan.n	Zetek casting pvt ltd.

### • Department of Mechanical Engineering

S.No	Branch	Name	Company
1	MECH	Akilan.A	Excel Plast
2	MECH	Ramar.M	Excel Plast
3	MECH	Sundaracholan.S	Excel Plast
4	MECH	Selva Ignitious.A	Excel Plast
5	MECH	Mohamed Faizal.A	Excel Plast
6	MECH	Abdul Kabur.M	Excel Plast
7	MECH	Deena Dhayalan.K	Excel Plast
8	MECH	Raja. M	Excel Plast
9	MECH	Praveen. P	Synergy Plast
10	MECH	Pradeep Kumar.R	Lgb Pvt Ltd
			Lgb Pvt Ltd



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11	MECH	Ranjith Kumar.R	Lgb Pvt Ltd
12	MECH	Kesavan.A	Lgb Pvt Ltd
13	MECH	Meenakshi Sundaram. P	Lgb Pvt Ltd
14	MECH	Muthuraja.S	Lgb Pvt Ltd
15	MECH	Siddharathan.N	Lgb Pvt Ltd

• **Department of Electrical and Electronics Engineering**

S.No	Branch	Name	Company
1	EEE	Kiran Kumar.M	Eureka Forbes, IDBI Bank
2	EEE	Nivetha.K	INFAC India pvt Ltd
3	EEE	Parthasarathi.C	Zealous
4	EEE	Rajalakshmi.R	INFAC India pvt Ltd
5	EEE	Ramesh Krishnan.R	Zealous
6	EEE	Udayakumar.V	Eureka Forbes
7	EEE	Mumtaj.M	INFAC India pvt Ltd

## 16. CAREER DEVELOPMENT AND PLACEMENT CELL:

A dedicated Career Development & Placement cell is functioning in M.A.M. School of Engineering to impart communication skill, General Knowledge, Aptitude and to prepare for competitive examinations. Three periods in a week exclusively allotted in the timetable for CDP


## 19. FUTURE PLAN:

### ANNEXURE – I

#### M.A.M SCHOOL OF ENGINEERING LIBRARY

S.No	Department	Total Till Date	
		Titles	volumes
1	Aeronautical Engineering	405	1840



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2	Computer Science Engineering	556	2031
3	Electronics and Communication Engineering	664	2707
4	Electrical and Electronics Engineering	628	2663
5	Mechanical Engineering	573	3264
6	Mechatronics Engineering	481	1567
7	Science and Humantics	659	2594
8	General	97	408
TOTAL		4063	17074

## ANNEXURE – II

### Faculty Members Sponsored For FDP/WORKSHOP/SEMINARS/CONFERENCES

1. P.kaviyarasu/AP/Aero- Attended 24th edition of Bridge conference of ICT Academy at Madurai, India's Largest Industry-Institute Interaction Event, Date: 16 November 2016 (Wed) at Hotel Fortune Pandiyan, Madurai.
2. Mr.B.chandramohan, Attended Pals summit workshop at IIT Madras, on 03.03.2017
3. R.Banupriya attended workshop at NIT,Trichy.
4. S.Murugavalli attended workshop at NIT,Trichy.
5. V.M.Sriram attended 3 days FDP at SASTRA University,Tanjore
6. V.M.Sriram attended 2 weeks FDP at PSG Tech,Coimbatore
7. P.kavitha attended 1 week FDP at TRP Engineering College.
8. S.chandra vadivu attended 1 week FDP at TRP Engineering College.
9. R. Logesh attended 1 week FDP at TRP Engineering College.
- 10.G.saranya attended 2 days FDP at NIT, Trichy




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6. P.Sundarapandiyaraja/AP/Aero- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 02,03- Feb- 2017

7. Dr.P.V.k.perumal/ Dean(R&D)- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 02,03- Feb- 2017

### Department of Computer Science and Engineering

S. No	Name of the faculty	Journal name	Date	Title
1	Arvindhan.M	ICEEE	2017	Detection Of Misbehavior Node In Wireless Adhoc Networks Using AMD Method
2	Arvindhan.M	ICEEE	2017	Encrypted Multi-keyword Ranked Search Scheme for preserving Cloud Data
3	Murugavalli.S	IJIR	2016	Design and Implementation of Efficient Carry Select Adder on Reconfigurable Device Using Novel Logic Formulation
4	Murugavalli.S	IJCTT	2017	Eliminate the control path Latency using Speculative Transmission Scheme.
5	S.Nandhini Devi	IJRE	2017	Software fault prediction using clustering Algorithm.
6	S.S.Suganthi	IJRECT	2017	Semantic Content in videos extracted using domain ontology model.
7	A.Sheikh Abdul Hameed	IJECE	2017	Detection of mischievous nodes in P2P streaming.


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			advanced and innovative research		TV-1 diesel engine by Aqua silencer
2.	T.Vigneshwaran	Asst.Prof	Polymer & Polymers Composites (Anna Univ. Annexure – I)	July 2016	Experimental Study on Structural Characterization of Biocomposites
3.	S.Anand	Asst.Prof	International journal of advanced and innovative research	June 2016	Effect of geomentric twist on wind turbine Blade
4.	P.kaviyarasu	Asst.Prof	International journal of Current innovation research	Sept-2016	Design and analysis of mechanical and thermal Behaviour of shape memory alloy in engine's intake and Exhaust

### International conference

1. P.Kaviyarasu/AP/Aero- International Conference on Energy and Environmental Systems/ Anna University(BIT Campus) Trichy on 10-12- March- 2017
2. T.Vigneshwaran/AP/Aero- International Conference on Energy and Environmental Systems/ Anna University(BIT Campus) Trichy on 10-12- March- 2017
3. P.Kaviyarasu/AP/Aero- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 02,03- Feb- 2017
4. T.Vigneshwaran/AP/Aero- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 02,03- Feb- 2017
5. P.Dharmaraj/AP/Aero- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 02,03- Feb- 2017



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11. R. Ilango attended 2 days FDP at TRP Engineering College.
12. N. Karthika attended 2 days FDP at NIT, Trichy.
13. M. Sasikala attended 2 days FDP at TRP Engineering College.
14. R. Raghavi attended 2 days FDP at TRP Engineering College.
15. V. Sivashankari attended 2 days FDP at TRP Engineering College.
16. G. Purushothaman attended 2 days FDP at TRP Engineering College.
17. S. maniam ramasamy attended 7 days FEA Workshop at MAMSE college.
18. R. Ramanathan attended 7 days FEA Workshop at MAMSE college.
19. M. Panneer selvam attended 7 days FEA Workshop at MAMSE college.
20. B. Abirami attended 2 days FDP at M.A.M School of Engineering conducted by ICTACT Academy.
21. S. Murugavalli attended 2 days FDP at M.A.M School of Engineering conducted by ICTACT Academy.
22. M. Arvindhan attended 2 days FDP at M.A.M School of Engineering conducted by ICTACT Academy.
23. G. Nusrath Sumaiya attended 2 days FDP at M.A.M School of Engineering conducted by ICTACT Academy.
24. S. Nandhini Devi attended 2 days FDP at M.A.M School of Engineering conducted by ICTACT Academy.

### ANNEXURE – III


### PAPER PUBLICATION

#### INTERNATIONAL JOURNAL

#### Department of Aeronautical Engineering

S. No	Name of the faculty	Designation	Name of the journal	Date	Title
1.	P. kaviyarasu	Asst. Prof	International journal of	July 2016	Emission control in modified KIRLOSKER



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### International conference


- 1.B.Abirami/Prof/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 2.S.Murugavalli/AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 3.M.Arvindhan/AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 4.S.Nandhini Devi/AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 5.S.S.Suganthi/AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 6.A.Sheikh Abdul Hameed /AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017
- 7.R.Muruganantham/AP/CSE- International Conference on Recent advances in Engineering and technology/MAM School of Engineering, trichy on 06,06- Feb- 2017

### Department of Electronics and Communication Engineering:

#### International Journal

S.No	Author	Title	Volume and Issue No.	Name of the Journal	Year of Publication
1	T.Ashok	Robot Control Through An Adaptive Brain Robot Interface	Volume 4, Issue 7	IJSRE	July 2016
2	T.Ashok	Smart ATM Access and Security System	Volume 4, Issue 6	IJSRE	July 2016



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		using RFID and GSM Technology			
3	M.Chandrasekar	Robot Control Through An Adaptive Brain Robot Interface	Volume 4, Issue 7	IJSRE	July 2016
4	M.Chandrasekar	Smart ATM Access and Security System using RFID and GSM Technology	Volume 4, Issue 6	IJSRE	July 2016
5	R.Banupriya	Smart ATM Access and Security System using RFID and GSM Technology	Volume 4, Issue 6	IJSRE	July 2016
6	N.Logeshkumar	Robot Control Through An Adaptive Brain Robot Interface	Volume 4, Issue 7	IJSRE	July 2016
7	N.Logeshkumar	Smart ATM Access and Security System using RFID and GSM Technology	Volume 4, Issue 6	IJSRE	July 2016
8	P.Sudha	Robot Control Through An Adaptive Brain Robot Interface	Volume 4, Issue 7	IJSRE	July 2016

### Department of Mechatronics Engineering

#### International Journal

S. No	Name	Title	Details
1	P.kavitha	Smart atm access and security system using rfid and gsm technology	Ijsre, issn (e) : 2321-7545,june 2016
2	P.kavitha	Robot control through an adaptive brain robot interface	Ijsre, issn (e) : 2321-7545,july 2016




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3	S.chandra vadivu	Asymmetrical half bridge flyback converter with wind energy	Ijir, issn :2554-1362, vol 3, issue 1
4	P.karthick selvam	Review on design of pcm based thermal energy storage system	Ijir,issn 2454-1352, volume 2, issue 2, 2016
5	R.logesh	Robot control through an adaptive brain robot interface	Ijsre, issn (e) : 2321-7545,july 2016

#### International conference

1. Mrs.P.Kavitha/Associate Professor/Mecht-Icraet-2017/ A Novel Approach For Fire Detection Using Ycber And Smoke Detection Using Hsv Model/MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
2. Ms.S.Chandra Vadivu /Assistant Professor/Mecht-Icraet-2017/ Awareness On Wireless Network Security For Average Users /MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
3. Mr.P.Karthick Selvam /Assistant Professor/Mecht-Icraet-2017/ Fabrication And Thermal Analysis In Al Lm25 With Borassus Flyash Metal Matrix Composite Material /MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
4. Mr. R.Logesh /Assistant Professor/Mecht-Icraet-2017/ Performance Evaluation Of Different Multipliers In Vlsi Using Vhdl /MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
5. Ms. G. Saranya /Assistant Professor/Mecht-Icraet-2017/ Computer Network Security And Attacks On Wsn And The Hacking Issues /MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.



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6	M.Sasikala	Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Jan 2017
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### International conference


1. Mr.V.Sivashankari/Assistant Professor/EEE-Icraet-2017/ MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
2. Ms.M.Sasikala /Assistant Professor/EEE-Icraet-2017/ MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
3. Mr.G.Purushothaman /Assistant Professor/EEEt-Icraet-2017/ MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
4. Ms.R.Raghavi/Assistant Professor/EEE-Icraet-2017/MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.
5. Ms. N.Karthika/Assistent Professor/EEE-Icraet-2017/ MAMSE On 6<sup>th</sup> &7<sup>th</sup> Of February 2017.

### Department Of Mechanical Engineering

#### International Journal

S. No	Name Of The Faculty	Journal Name	Date	Title
1.	Mr. G. Luke Justin Johnson	Polymer & Polymers Composites	July 2016	Experimental Study On Structural Characterization Of Bio Composites
2.	Dr. K. Chandrasekeran	Advanced Material Science And Engineering, Usa	Dec 2016	Al6061 Hybrid Metal Matrix Composite Reinforced With Alumina And Molybdenum Disulphide'
3.	T. Uma Sankari	Imperial Journal Of Interdisciplinary Research	Nov 2016	Nd - Yag Laser Cutting On Stainless Steel




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**Department of Electrical and Electronics Engineering:**

**International Journal**

S. No	Name of the Faculty	Journal Name	Title of the Paper	Year of Publications
1	Dr.R.Ilango	International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Sep 2016
2	R.Raghavi	International Journal on Applications in Electrical and Electronics	Zero Steady State Error for single phase grid connected inverter using HERIC	Jan 2017
		Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Nov 2016
3	N.Karthika	International Journal Of Science And Research (IJSR, Google Scholar)	Harmonic Reduction In 7-Level Inverter With Reduced Number Of Switches	Nov 2016
		International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Jan 2017
4	V.Sivashankari	Imperial Journal of Interdisciplinary Research	Asymmetrical Half Bridge Flyback Converter With Wind Energy	Jan 2017
5	G.Purushothaman	International Journal Of Advanced Research	Innovative method to secure ECG signal using ECC.	Jan 2017



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4	R. Ramanathan	Ijaset	Aug 2016	Fracture Studies On Basalt Fiber
5	K. Parthiban	Imperial Journal Of Interdisciplinary Research	Nov 2016	Design Modifications And Analysis Of Two Wheeler Water Cooling System
6	S.Maniamramasamy	Imperial Journal Of Interdisciplinary Research	Nov 2016	Design Modifications And Analysis Of Two Wheeler Water Cooling System
7	R. Ramanathan	Fracture Studies On Basalt Fiber	Aug 2016	Ijaset
8	T. Uma Sankari	Fracture Studies On Basalt Fiber	Aug 2016	Ijaset
9	M.Panneerselvam	Experimental Investigation Of Machining Parameters In Edm Using En36 Material	Oct 2016	Arpn Journal Of Engineering And Applied Sciences

#### International conference

1. Mr. G. Luke Justin Johnson/ Asst. Prof / Prof Mech - Experimental Study on Structural Characterization of Biocomposites, Polymer & Polymers Composites (Anna Univ. Annexure – I)/ July 2016
2. Mr. R. Ramanathan /Asso. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017
3. Mr. M. Panneer Selavm /Asso. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017





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4. Dr. Chandrasekar /Asso. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017
5. Mr. S. Maniamramasamy/Asst. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017
6. Ms. T. Uma Shankari /Asst. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017
7. Mr. G. Luke Justin Johnson/Asst. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017
8. Mr. K. Parthiban/Asst. Prof/Mech - International Conference on Recent advances in Engineering and technology/MAM School of Engineering, Trichy on 02,03- Feb- 2017


#### ANNEXURE – IV

#### PROGRAMMES ORGANIZED

##### • Department of Aeronautical Engineering

S.No	Program Title	Date/Venue	No. of Participants	Resource Person
1.	ADS-B Protocol in Aviation	25.07.16/Smart Class room	35	Vigneshwaran.T
2.	Design of Micro Satellite	30.07.16/Smart Class room	35	Dr.P.V.K.perumal
3.	Association inauguration "FLYGARE" and "MASS	20.08.16/ Seminar hall	250	Mr.D.Gokul B.Tech., M. Scientist "SD" Satish Dhawan Space Centre, ISRO.




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4.	"Materials, Engines and Design for Aeromodeling"	29 <sup>th</sup> August 2016 at 03.30 pm to 04.30 pm	35	Mr.Dharmaraj, NCC Senior Division Air Wing Instructor.
5.	Guest lecture on renewable energy	16.02.2017 at 03.30 pm to 04.30 pm	35	Dr.Abdul Raguman
6.	Guest lecture on success Entrepreneur	13.02.2017 at 03.30 pm to 04.30 pm	35	Mr.pandian, GM, Pandian Metals
7.	Demonstration and modeling on Aeromodelling	13.03.2017 at 03.30 pm to 04.30 pm	35	Mr.S.K.Senthil Kumar, Trainer, Wright flyers and Hobby
8.	Missile Technology Control regime- Indian Scenario	06.03.2017 at 03.30 pm to 04.30 pm	35	Mr.P.Kaviyarasu, Asst. Prof, MAM School of Engg
9.	Six-Sigma	20.03.2017 at 03.30 pm to 04.30 pm	35	Mr.b.chandramohan /Pro MAM School of Engg

### • Department Of Mechanical Engineering

S.No	Program Title	Date/Venue	No. of Participants	Resource Person
1.	Association inauguration "FLYGARE" and "MASS"	20.08.16/ Seminar hall	250	Mr.D.Gokul B.Tech., M.S Scientist "SD" Satish Dhawan Space Cen ISRO.
2.	One day Workshop on Automotive Technology	21st July 2016 / Smart class	45	Mr. K.Mohamed, Adrosh Technology
3.	One day Workshop on NDT	16.08.16 /Smart Class Room	50	Mr. M. Parthiban Director Prim Institute of Technolo Trichy




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4.	Guest Lecture on Machine Design	05.08.16	55	Prof. S. Mohamed Jalaludeen Author of Mechanical Books
5.	Guest Lecture on Current Trend in Power Generation	10.08.16	210	Mr. Paul Raj Workers Teacher, Dalmia Cements
6.	One day Workshop on CNC Machining	23.08.16	50	Mr. M. Parthiban Director Prim Institute of Technology, Trichy
7.	Advanced automobile technology	10.02.17 / Smart class	58	Mr. K.Mohamed, Aadhrose. Info, Trichy
8.	Awareness Program	09.02.2017 / Smart Class	56	Mr.Vishnu prakash
9.	Cad Modeling Guest Lecture	03.03.2017 / Smart Class	59	Mr.Ramshankar (C.D.E.S Technical head- kovai)
10.	FEA Guest Lecture	10.03.2017 / Smart Class	59	S. Md. Jalaludeen Professor, Government clg
11.	MEMS Guest lecture	13.03.2017	52	Prof. Dr.Hariharan (Head of Manufacturing Engineering-anna University)

• **Department of Electrical and Electronics Engineering:**


S.No	Program Title	Date	No. of Participants	Venue	Resource person
1.	Internet Of	20.7.2016	32	SMART CLASS M.A.M School Of	



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	Things			Enginneering.	Mr. Naveen Kumar, Embedded Trainer, SS Soft Solutions, Thillainagar Trichy-1
2.	PLC & SCADA in industrial automation	20.7.2016	32	SMART CLASS M.A.M School Of Engineering.	Mr.S.Ranganathan, Project Engineer, Microwin Automation, Trichy.
3.	Introduction To Etap	3.8.2016	32	SMART CLASS M.A.M school of enginneering.	Mr.Mohammed Ismail Application engineer Technologies, Banglore
4.	Introduction to IOT	24.08.2016	30	SMART CLASS M.A.M SCHOOL OF ENGINEERING.	Mr.A.Dayan Raj, Senior IOT Developer, SFITS, Bangalore
5.	Power system analysis	31.8..2016	32	SMART CLASS M.A.M SCHOOL OF ENGINEERING.	Mr.Mohammed Ismail Application engineer Technologies, Banglore
6.	Role of Electrical Engineers In Satellite Communication	14.9.2016	30	SMART CLASS M.A.M SCHOOL OF ENGINEERING.	Dr. P.V.K.Perumal Former Scientist,DRDO.
7.	Introduction to embedded systems	21.09.2016	30	SMART CLASS M.A.M SCHOOL OF ENGINEERING.	Mr.P.Thangaraji, Embedded Software developer, Galwin Technology, Trichy.
8.	Association Inaguration of Circuit Branches	25.01.2017	104	SMART CLASS M.A.M school of enginneering.	Prof.Dr.Ranjith Rangan, consultant CTO at TalkingPlastic, business networking



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					startup and Navstik a startup for making controllers for automated drones.
9.	Abroad studies	08 February, 2017	45	SMART CLASS M.A.M School Of Engineering.	Venkatesh Rajan, Faculty member, Princeton Review
10.	Advanced Design in Linux systems"	22 February, 2017	45	SMART CLASS M.A.M School Of Engineering.	K.Mohamed Iqbal, Network Administrator, Aadhrose InfoTech ltd
11.	Advanced Design in Embedded Technology	01 February, 2017	45	SMART CLASS M.A.M School Of Engineering	Mr. P.Shanmugam SeniorProject Engineer, PanTech Pro-Ed Ltd
12.	MATLAB DESIGN "	08 February, 2017	45	SMART CLASS M.A.M School Of Engineering	Mr. R.Hemnath, Programmer Hitakey Group of Company
13.	Innovative Electronics	04.01.2017	60	SMART CLASS M.A.M School Of Engineering	Mr. K.C. Tamilventhan, Director, Lift Technologies, Trichy.
14.	"Embedded Technology using Arduino"	25.01.2017	45	SMART CLASS M.A.M School Of Engineering.	Mr.R.Sathyanarayanan, Programmer, Mr.S.Ranganathan, Project Engineer, Microwin Automation, Trichy.



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• **Department of Electrical and Electronics Engineering**

S.no	Program title	Date	No.of participants	Resource person
1	Programme On Matlab Design	27 <sup>th</sup> July, 2016	45	B.Jodhi, Senior Engineer, Prolific Systems & Technologies Pvt ltd, Chennai.
2	PROGRAMME ON LINUX SYSTEMS	04 <sup>th</sup> AUGUST, 2016	45	K.Mohamed Iqbal Network Administrator, Trichy.
3	ASSOCIATION inauguration	9 <sup>th</sup> August 2016	45	Dr. Ranjit Rangan, WILD FIRE Modular Robot kits
4	PROGRAMME ON IOT	24 August, 2016	45	Angaiyarselvi.D Business Development Manager, SF IT Systems
5	Technical quiz	15 September, 2016	45	Mrs.P.Nithila & V.M.Sriram Associate Professor & Assistant Professor, ECE / MAMSE
6	Introduction to embedded design	22 September, 2016	45	MR.N.LOGESHKUMAR, ASSISTANT PROFESSOR/ ECE, MAMSE
7	Innovative Electronics	04 January, 2016	45	Mr. K.C. Tamilventhan, Director, LiftTechnologies
8	Embedded technology using Arudino	25 January, 2017	45	Mr. R.Sathyanarayanan, Programmer, Microwin Automation
9	Advanced Design in Embedded Technology	01 February, 2017	45	Mr. P.Shanmugam Senior Project Engineer, PanTech Pro-Ed Ltd


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10	MATLAB DESIGN "	08 February, 2017	45	Mr. R.Hemnath, Programmer Hitakey Group of Company
11	Introduction about MicroSatellite	15 February, 2017	45	Dr. V.Perumal, DRDO R&D Director, MAMSE.
12	Advanced Design in Linux systems"	22 February, 2017	45	K.Mohamed Iqbal, Network Administrator, Aadhrose InfoTech ltd
13	Abroad studies	08 February, 2017	45	Venkatesh Rajan, Faculty member, Princeton Review.

• **Department of Computer Science and Engineering**

S.no	Program title	Date	No.of participants	Resource person
1	Introduction To Redhat	19.7.2016	30	Mr.Mhd Iqbal,Athorese
2	Internet Of Things	26.7.2016	30	Mr.Siva Kumar, General Manager, Sifi Technology
3	Introduction To Anroid Application	16.8.2016	30	Ms.Elakkiya, .Net Developer, Dream Web Technology
4	Program On Advanced .Net	26.9.2016	30	Mr.Vignesh, Ms.Anusiya, Centarus
5	Introduction To Java With Recents	10.1.2017	30	Anushiya Centarus
6	Global Idea Towards Project Management	21.2.2017	30	T.Siva Kumar General Manager
7	Introduction About Cna	28.2.2017	30	Mr Manivel ,Technical Manager
8	Open Mp And	2.3.2017	30	Christy Prizillaw,




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	Mip			J.J.C.E.T Asst.Prof
9	Data Ware House In Business Process	15.3.2017	30	M.Venkatesh Database Analyst Elysium Technology
10	Age Of Computers	21.3.2017	30	Dr.Perumal, Dean, Mam School Of Enginengineering
11	Recent Trends In Technology	28.3.2017	30	Mr.Naridhan, Niit Ltd

• **Department Science & Humanities**

S.no	Program title	Date	No.of participants	Resource person
1	Fresher's Day 2016	01.08.2016	190	Mr. KRISHNA VARDHARAJAN, Chairman, Idea Plus, HR & Business Solution, Chennai
2	Motivational Speech.	10.08.2016	190	Mr. Pugazhenthii Dalmia Cements
3	"How to study"	11.08.2016	190	Mr. Punithan
4	Differently Able person shared his Life	02.09.2016	190	Mr. Siddarth Jayakumar
5	Mind Volume	03.09.2016	190	Mr. G. Sathish Kumar



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6	Organic Farming	05.11.2016	190	Mr.Jaganathan, Organic Entrepreneur Mr.D.Gokul, Scientist-ISRO
7	Oath taken by Faculty & Students on Indian Constitution Day	26.11.2016	All faculty members	
8	Orientation programme for civil service aspirants	16.12.16	190	Mr.Christodas Gandhi, I.A.S.

## ANNEXURE – V

### UNIVERSITY EXAMINATION RESULTS


#### SEMESTER I

#### SECTION A

Toppers		
Name	Department	Rank
INDIRA.T	Aeronautical	I
POOJA.V	Aeronautical	II
ABINAS KUMAR	Mechatronics	III

S.No	Subject Code	Subject Name	Pass Percentage
1	HS6151	Technical English I	85.00%
2	MA6151	Engineering Mathematics I	73.50%
3	PH6151	Engineering Physics I	67.50%
4	CY6151	Engineering Chemistry I	58.10%
5	GE6151	CP	97.67%
6	GE6152	EG	97.67%



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7	GE6161	CP lab	100%
8	GE6162	Physics/Chemistry lab I	100%
9	GE6163	Ep lab	100%

## SEMESTER I

## SECTION B

Toppers		
Name	Department	Rank
Firthose Banu	CSE	I
Sai Mahima	ECE	II
Madhumitha	ECE	III

S.No	Subject Code	Subject Name	Pass Percentage
1	HS6151	Technical English I	85.71%
2	MA6151	Engineering Mathematics I	70.45%
3	PH6151	Engineering Physics I	86.66%
4	CY6151	Engineering Chemistry I	73.33%
5	GE6151	CP	97.00%
6	GE6152	EG	91.00%
7	GE6161	CP lab	100%
8	GE6162	Physics/Chemistry lab I	100%
9	GE6163	Ep lab	100%


## SEMESTER I

## SECTION C

Toppers		
Name	Department	Rank
Mohamed Ashik	EEE	I
Mohamed Muzzamil	EEE	II
Bharathi Raja	MECHANICAL	III

S.No	Subject Code	Subject Name	Pass Percentage
1	CY6151	Engineering Chemistry I	56.82%
2	GE6151	CP	84.09%



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3	GE6152	EG	100.00%
4	GE6161	CP lab	100.00%
5	GE6162	Physics/Chemistry lab I	100.00%
6	GE6163	Ep lab	100.00%
7	HS6151	Technical English I	85.37%
8	MA6151	Mathematics I	67.57%
9	PH6151	Engineering Physics I	60.47%


## SEMESTER I

## SECTION D

Toppers		
Name	Department	Rank
Naveen Kumar .K	MECHANICAL	I
Muthu Kumar.N	MECHANICAL	II
Moorthi.N	MECHANICAL	III

S.No	Subject Code	Subject Name	Pass Percentage
1	HS6151	Technical English I	81.39%
2	MA6151	Engineering Mathematics I	51.21%
3	PH6151	Engineering Physics I	43.47%
4	CY6151	Engineering Chemistry I	60.86%
5	GE6151	CP	69.56%
6	GE6152	EG	89.13%
7	GE6161	CP lab	100%
8	GE6162	Physics/Chemistry lab I	100%
9	GE6163	Ep lab	100%



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## DEPARTMENT OF AERONAUTICAL ENGINEERING

### SEMESTER III

Toppers		
Name	Department	Rank
K.Dhivya	Aero	I
S.Romanus	Aero	II
Dhinakaran	Aero	III

S.No	Subject Code	Subject Name	Pass Percentage
1.	MA 6351	Transforms and Partial Differential Equations	42.86
2.	ME6352	Manufacturing Technology	68.42
3.	AE6301	Aero Engineering Thermodynamics	73.68
4.	CE6451	Fluid Mechanics and Machinery	75.00
5.	CE6452	Solid Mechanics	77.78
6.	AE6302	Elements of Aeronautics	63.16
7.	CE6315	Strength of Materials Laboratory	100.00
8.	CE6461	Fluid Mechanics and Machinery Laboratory	100.00
9.	AE6311	Thermodynamics Laboratory	100.00
10.	AE6312	CAM and Manufacturing Laboratory	100.00



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#### SEMESTER IV


Toppers		
Name	Department	Rank
V.Manikandan	Aero	I
D.Jayaraj	Aero	II
M.Deepika	Aero	III

S.No	Subject Code	Subject Name	Pass Percentage
1.	MA6459	Numerical Methods	85.71
2.	AE6401	Aerodynamics - I	27.27
3.	AE6402	Aircraft Systems and Instruments	100.00
4.	AT6302	Mechanics of Machines	45.45
5.	AE6403	Aircraft Structures - I	90.91
6.	AE6404	Propulsion - I	72.73
7.	AE6411	Aircraft Structures Laboratory - I	100.00
8.	AE6412	Aerodynamics Laboratory	100.00
9.	AE6413	CAD & Aircraft Component Drawing	100.00

#### SEMESTER V

Toppers		
Name	Department	Rank
M.Deepika	Aero	I
D.Jayaraj	Aero	II
V.Manikandan	Aero	III



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S.No	Subject Code	Subject Name	Pass Percentage
1.	AE6501	Flight Dynamics	72.73
2.	AE6502	Aircraft Structures - II	100.00
3.	AE6503	Aerodynamics - II	81.82
4.	AE6504	Propulsion - II	90.91
5.	AE6505	Control Engineering	81.82
6.	GE6351	Environmental Science and Engineering	100.00
7.	AE6511	Aircraft Structures Laboratory - II	100.00
8.	AE6512	Propulsion Laboratory	100.00
9.	GE6563	Communication Skills - Laboratory Based	100.00

### SEMESTER VI

Toppers		
Name	Department	Rank
P.Gopalakrishnan	Aero	I
R.Sheikmoiden	Aero	II
J.ajith kumar	Aero	III

S.No	Subject Code	Subject Name	Pass Percentage
1.	MG6851	Principles of Management	75.00
2.	AE6601	Finite Element Methods	25.00
3.	AE6602	Vibrations & Elements of aeroelasticity	50.00
4.	AE6603	Composite Materials and Structures	75.00
5.	AE6604	Aircraft Materials and Processes	75.00
6.	AE6002	Aircraft General Engg & Maintenance	25.00



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	Practices	
7.	Aero Engine and Airframe Laboratory	100.00
8.	Aircraft Design Project - I	100.00
9.	Computer Aided Simulation Lab	100.00

### SEMESTER VII

Toppers		
Name	Department	Rank
P.Gopalakrishnan	Aero	I
R.Sheikmoiden	Aero	II
J.ajith kumar	Aero	III

S.No	Subject Code	Subject Name	Pass Percentage
1.	GE6757	Total Quality Management	100.00
2.	AE6701	Avionics	100.00
3.	ME6014	Computational Fluid Dynamics	100.00
4.	AE6702	Experimental Stress Analysis	100.00
5.	AE6007	Fatigue and Fracture	100.00
6.	AE6010	Airframe Maintenance and Repair	100.00
7.	AE6711	Aircraft Design Project - II	100.00
8.	AE6712	Aircraft System Laboratory	100.00
9.	AE6713	Flight Integration Systems and Control Laboratory	100.00



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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### SEMESTER III

Toppers		
Name	Department	Rank
Madhumitha.K	ECE	1
Ramalakshmi	ECE	2
Sumaiya Sulthana	ECE	3

S.No	Subject Code	Subject Name	Pass Percentage
1	EC6301	Oops & Data Structure	78.3
2	EC 6302	Digital Electronics	100
3	EC6303	Signals & Systems	86.4
4	EC6304	Electronics Circuits I	95.6
5	EE6352	Electrical Engineering & Instrumentation	73.9
6	MA6351	Transforms & Partial Differential Equation	69.6
7	EC6311	Analog and Digital Circuits Lab	100
8	EC6312	OOPS & Data Structure Lab	100



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### SEMESTER IV


Toppers		
Name	Department	Rank
Kavya.S	ECE	1
Yalini. M	ECE	2
Indu Mathi. M. G	ECE	3

S.No	Subject Code	Subject Name	Pass Percentage
1	EC6401	Electronic Circuits-II	100
2	EC6402	Communication Theory	100
3	EC6403	Electromagnetic Field	27.2
4	EC6404	Linear Integrated Circuit	81.8
5	EC6405	Control Systems	63.6
6	MA6451	Random Process	72.7
7	EC6411	Circuit&Simulation Integrated Lab	100
8	EC6412	Linear Integrated Circuits Lab	100
9	EE6461	Electrical Engineering& Control System Lab	100

### SEMESTER V

Toppers		
Name	Department	Rank
Mohamed Hakkim	ECE	1
Yalini M	ECE	2
Kavya S	ECE	3



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S.No	Subject Code	Subject Name	Pass Percentage
1	Ec6501	Digital Communication	90.9
2	Ec6502	Principles Of Digital Signal Processing	100
3	Ec6503	Transmission Lines And Waveguide	100
4	Ec6504	Microprocessor And Microcontroller	100
5	Ge6351	Environmental Science Engineering	100
6	Ec6511	Digital Signal Processing Lab	100
7	Ec6512	Microprocessor & Microcontroller Lab	100
8	Ec6513	Communication System Lab	100

### SEMESTER VI

Toppers		
Name	Department	Rank
NIL		NIL
-		-
-		-

S.No	Subject Code	Subject Name	Pass Percentage
1	Mg6851	Principle Of Management	81.8%
2	Cs6303	Computer Architecture	57%
3	Cs6551	Computer Network	36.36%
4	Ec6601	Vlsi	62.5%



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5	Ec6602	Antenna And Wave Propagation	54.5%
6	Ec6001	Medical Electronics	63.6%
7	Ec6611	Computer Networks Lab	100%
8	Ec6612	Vlsi Design Lab	100%
9	Ge6674	Communication Skills Lab	100%

### SEMESTER VII

Toppers		
Name	Department	Rank
Manjula S	ECE	1
Sumiya Begam S	ECE	2
Nageswari R	ECE	3

S.No	Subject Code	Subject Name	Pass Percentage
1	EC6701	RF and Microwave Engineering	73
2	EC6702	Optical Communication and Networks	63.6
3	EC6703	Embedded and Real Time Systems	100
4	EC6004	Satellite Communication	90.9
5	EC6011	EMIC	81.8
6	EC6016	Opto Electronic Device	81.8
7	EC6711	Embedded Lab	100
8	EC6712	Optical & Microwave Lab	100



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## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

### SEMESTER III

Toppers		
Name	Department	Rank
Dhivya	CSE	I
Hakkim	CSE	Ii

S.No	Subject Code	Subject Name	Pass Percentage
1	CS6301	-Programming Data structures -I	89.4%
2	CS6302	Database Management System	88.8%
3	CS6303	Computer Architecture	89.4%
4	CS6304	-Analog And Digital Communication	63.1%
5	MA6351	-Transforms And Partial Differencial Equation	31.5%
6	GE6351	-Environmental Science And Engineering	65%
7	CS6311	-Programming Datastructure Lab Ii	100%
8	CS6312	-Database Management Lab	100%
9	CS6301	-Programming Datastructures Ii	89.4%



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### SEMESTER IV

Toppers		
Name	Department	Rank
Dhivya	CSE	1
Mohammed Hakkim	CSE	2
Karna	CSE	3

b	Subject Code	Subject Name	Pass Percentage
1	CS6551	Computer Networks	89.4%
2	CS6401	Operating Systems	88.8%
3	CS6402	Design And Analysis Of Algorithms	89.4%
4	EC6504	Microprocessor And Microcontroller	63.1%
5	CS6403	Software Engineering	31.5%
6	MA6453	Probability And Queuing Theory	65%
7	CS6411	Networks Laboratory	100%
8	CS6412	Microprocessor And Microcontroller Laboratory	100%
9	CS6413	Operating Systems Laboratory	89.4%

### SEMESTER V

Toppers		
Name	Department	Rank
Balasubramanian.P	CSE	1
Sangeetha	CSE	2
Priyanka .V	CSE	3



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S.No	Subject Code	Subject Name	Pass Percentage
1	MA6566	Discrete Mathematics	80
2	CS6501	Internet Programming	100%
3	CS6502	Object Oriented Analysis And Design	100%
4	CS6503	Theory Of Computation	100%
5	CS6504	Computer Graphics	100%


### SEMESTER VI

#### Toppers

Name	Department	Rank
Balasubramanian.P	CSE	1
Sangeetha	CSE	2
Priyanka . V	CSE	3

S.No	Subject Code	Subject Name	Pass Percentage
1	CS6601	Distributed Systems	1
2	IT6601	Mobile Computing	2
3	CS6600	Compiler Design	3
4	IT6502	Digital Signal Processing	4
5	CS6659	Artificial Intelligence	5
6	IT6004	Software Testing	6




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## SEMESTER VII

Toppers		
Name	Department	Rank
R.Vijay Siva	CSE	1

S.No	Subject Code	Subject Name	Pass Percentage
1	CS6701-	Cryptography And Network Security	33%
2	CS6702	Graph Theory And Applications	66%
3	CS6703	Grid And Cloud Computing	100%
4	CS6704	Resource Managaement Techniques	100%
5	EC6703	-Embedded And Real Time Systems	75%
6	IT6801	-Service Oriented Architecture	100%
7	CS6711	Security Lab	100%




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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**SEMESTER III**

<b>Toppers</b>		
<b>Name</b>	<b>Department</b>	<b>Rank</b>
Amreen sultana	EEE	I
Lakshmi priya	EEE	II
Gayathri	EEE	III

<b>S.No</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>Pass Percentage</b>
1	EC6202	Electronic Devices and Circuits	91
2	MA6351	Transforms and Partial Differential Equations	45
3	EE6301	Digital Logic Circuits	55
4	EE6302	EE6302 Electromagnetic Theory	73
5	GE6351	Environmental Science and Engineering	55
6	EE6303	Linear Integrated Circuits and Applications	63
7	EC6361	Electronics Laboratory	100
8	EE6311	Linear and Digital Integrated Circuits Laboratory	100
9	EC6202	Electronic Devices and Circuits	91




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### SEMESTER IV

<b>Toppers</b>		
<b>Name</b>	<b>Department</b>	<b>Rank</b>
Ajith N	EEE	I
Sarwathkhan	EEE	II
Thoufik ahmed	EEE	III

<b>S.No</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>Pass Percentage</b>
1	EE6401	Electrical Machines - I	52.9
2	EE6402	Transmission and Distribution	52.9
3	EE6403	Discrete Time Systems and Signal Processing	80
4	EE6404	Measurements and Instrumentation	68.7
5	MA6459	Numerical Methods	57.1
6	CS6456	Object Oriented Programming	35.3
7	CS6461	Object Oriented Programming Laboratory	100
8	EE6411	Electrical Machines Laboratory - I	100
9	EE6401	Electrical Machines - I	52.9




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### SEMESTER V

Toppers		
Name	Department	Rank
Ajith N	EEE	I
Ajith A	EEE	II
Thoufik ahmed	EEE	III

S.No	Subject Code	Subject Name	Pass Percentage
1	EE6501	Power System Analysis	94.1
2	EE6502	Microprocessors and Microcontrollers	82.3
3	ME6701	Power Plant Engineering	94.1
4	EE6503	Power Electronics	82.3
5	EE6504	Electrical Machines - II	82.3
6	IC6501	Control Systems	68.7
7	EE6512	Electrical Machines Laboratory - II	100
8	EE6511	Control and Instrumentation Laboratory	100
9	GE6674	Communication and Soft Skills Laboratory	100




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### SEMESTER VI

Toppers		
Name	Department	Rank
Priyanka S	EEE	I
-	-	-
-	-	--

S.no	Subject code	Subject name	Pass percentage
1	EC6651-	Communication engineering	75
2	EE6002	Power system transients	75
3		Solid state drives	50
4	EE6602	Embedded system	50
5	EE6603	Power system operation and control	25
6	EE6604	Design of electrical machine	50
7	EE6611	Power electronics and drives laboratory	100
8	EE6612	Microprocessors and microcontrollers laboratory	100
9	EE6613	Presentation Skills and Technical Seminar	100




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## SEMESTER VII

Toppers		
Name	Department	Rank
Priyanka S	EEE	I
-	-	-
-	-	-

S.No	Subject Code	Subject Name	Pass Percentage
1	EE6701	High Voltage Engineering	100
2	EE6702	Protection and Switchgear	50
3	EE6703	Special Electrical Machines	100
4	MG6851	Principles of Management	100
5	EE6004	Flexible AC Transmission Systems	100
6	EE6007	Micro Electro Mechanical Systems	100
7	EE6711	Power System Simulation	100
8	EE6712	Comprehension	100
9	EE6701	High Voltage Engineering	100



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## DEPARTMENT OF MECHANICAL ENGINEERING

### SEMESTER III

Toppers		
Name	Department	Rank
T. Anandbabu	MECH	I (8.19)
S. Antony Prince	MECH	II (7.8)
M. Deepak Ruban Sandhiyagu	MECH	III (7.6)

S.No	Subject Code	Subject Name	Pass Percentage
1	MA6351	Transforms and Partial Differential Equations	56.82
2	CE6306	Strength of Materials	83.02
3	ME6301	Engineering Thermodynamics	78.43
4	CE6451	Fluid Mechanics and Machinery	85.71
5	ME6302	Manufacturing Technology - I	95.92
6	EE6351	Electrical Drives and Controls	82.35
7	ME6311	Manufacturing Technology Laboratory - I	100.00
8	CE6461	Fluid Mechanics and Machinery Laboratory	100.00
9	EE6365	Electrical Engineering Laboratory	100.00




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### SEMESTER IV

Toppers		
Name	Department	Rank
S. Rajeshwaran	MECH	I (8.5)
T. Thirumavalavan	MECH	II (8.4)
M. Mohamed Riaz	MECH	III (8.32)

S.No	Subject Code	Subject Name	Pass Percentage
1	MA6452	Statistics and Numerical Methods	65.91
2	ME6401	Kinematics of Machinery	76.92
3	ME6402	Manufacturing Technology- II	87.04
4	ME6403	Engineering Materials and Metallurgy	74.51
5	ME6404	Thermal Engineering	75.51
6	GE6351	Environmental Science and Engineering	83.02
7	ME6411	Manufacturing Technology Lab -II	100.00
8	ME6412	Thermal Engineering Laboratory - I	100.00
9	CE6315	Strength of Materials Laboratory	100.00




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### SEMESTER V

Toppers		
Name	Department	Rank
S. Rajeshwaran	MECH	I (8.67)
T. Thirumavalavan	MECH	II (8.25)
B. Chandramohan	MECH	III (8.13)

S.No	Subject Code	Subject Name	Pass Percentage
1	ME6501	Computer Aided Design	90.20
2	ME6502	Heat and Mass Transfer	92.98
3	ME6503	Design of Machine Elements	70.59
4	ME6504	Metrology and Measurements	96.43
5	ME6505	Dynamics of Machines	68.00
6	GE6075	Professional Ethics in Engineering	92.59
7	ME6511	Dynamics Laboratory	100.00
8	ME6512	Thermal Engineering Laboratory-II	100.00
9	ME6513	Metrology and Measurements Lab	100.00




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## SEMESTER VI

Toppers		
Name	Department	Rank
R. Pradeep Kumar	MECH	I (8.42)
Amreesh Kumar	MECH	II (8.4)
R. Balaji	MECH	III (8.3)

S.No	Subject Code	Subject Name	Pass Percentage
1	MG6851	Principles of Management	74.12
2	ME6601	Design of Transmission Systems	85.19
3	ME6602	Automobile Engineering	80.72
4	ME6603	Finite Element Analysis	84.62
5	ME6604	Gas Dynamics and Jet Propulsion	81.71
6	ME6004	Unconventional Machining Process	96.43
7	ME6611	C.A.D. / C.A.M. Laboratory	100.00
8	ME6612	Design and Fabrication Project	100.00
9	GE6563	Communication Skills - Laboratory	97.67




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## SEMESTER VII

Toppers		
Name	Department	Rank
Sowndara pandiyan. S	MECH	I (8.52)
Naveeth Ahamed	MECH	II (8.4)
Amreesh Kumar	MECH	III (8.3)

S.No	Subject Code	Subject Name	Pass Percentage
1	ME6701	Power Plant Engineering	95.24
2	ME6702	Mechatronics	86.36
3	ME6703	Computer Integrated Manufacturing Systems	78.82
4	GE6757	Total Quality Management	84.09
5	ME6005	Process Planning & Cost Estimation	97.73
6	ME6010	Robotics	96.47
7	ME6711	Simulation and Analysis Laboratory	100.00
8	ME6712	Mechatronics Laboratory	100.00
9	ME6713	Comprehension	100.00



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## DEPARTMENT OF MECHATRONICS ENGINEERING

### SEMESTER III

Toppers		
Name	Department	Rank
Sansha.S	Mecht	I
Raju.R	Mecht	Ii
Indumathi.K	Mecht	Iii

S.No	Subject Code	Subject Name	Pass Percentage
1	MA6351	Transforms and Partial Differential Equations	48.2
2	CE6306	Strength of Materials	83.8
3	CE6451	Fluid Mechanics and Machinery	77.4
4	EC6302	Digital Electronics	63.3
5	EE6358	Electrical Machines and Drives	83.8
6	ME6401	Kinematics of Machinery	66.6
7	CE6461	Fluid Mechanics and Machinery Laboratory	100
8	EE6362	Electrical Machines and Drives Laboratory	100
9	MT6311	Computer Aided Machine Drawing	100




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### SEMESTER IV

Name	Toppers	
	Department	Rank
Sathyaseelan.P	Mecht	1
Daisy Pricella M	Mecht	2
Akilan G	Mecht	3

S.No	Subject Code	Subject Name	Pass Percentage
1.	MA6452	Statistics and Numerical Methods	73.33
2.	ME6505	Dynamics of Machines	86.60
3.	EC6405	Control System Engineering	50
4.	ME6352	Manufacturing Technology	93.75
5.	ME6504	Metrology and Measurements	93.75
6.	MT6401	Microprocessors and Applications	81.25
7.	MT6411	Microprocessor Laboratory	100
8.	ME6465	Manufacturing Technology Laboratory	100
9.	ME6511	Dynamics Laboratory	100




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### SEMESTER V

Toppers		
Name	Department	Rank
Muthu Kumar.N	Mecht	I
Daisy Princella.M	Mecht	Ii
Sathiyaseelan.P	Mecht	Iii

S.No	Subject Code	Subject Name	Pass Percentage
1.	ME6503	Design of Machine Elements	81.25
2.	EE6503	Power Electronics	70.5
3.	MT6501	Sensors and Signal Processing	77.7
4.	GE6351	Environmental Science and Engineering	93.3
5.	MF6505	CNC Machining Technology	94.1
6.	MT6502	Thermodynamics Principles and Applications	75
7.	MT6511	Power Electronics Laboratory	100
8.	MT6512	Sensors and Signal Processing Laboratory	100
9.	MT6513	CNC Laboratory	100




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### SEMESTER VI

Toppers		
Name	Department	Rank
Mohamed Thariq.N	Mecht	1
Maheswaran.M	Mecht	2
Jeyashankari.G	Mecht	3

S.No	Subject Code	Subject Name	Pass Percentage
1.	MG6851	Principles of Management	72.41
2.	MT6601	Micro Controller and PLC	58.06
3.	MT6602	Applied Hydraulics and Pneumatics	83.87
4.	MT6603	Design of Mechatronics System	45.16
5.	MT6604	Object Oriented Programming in C++	48.27
6.	MT 6001	Advanced Manufacturing Technology	93.54
7.	MT6611	Micro Controller and PLC Laboratory	100
8.	MT6612	Object Oriented Programming Laboratory	100
9.	MT6613	Applied Hydraulics and Pneumatics Laboratory	100



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## SEMESTER VII

Toppers		
Name	Department	Rank
Mohamed Thariq.N	Mecht	I
Maheswaran.M	Mecht	Ii
Jeyashankari.G	Mecht	Iii

S.No	Subject Code	Subject Name	Pass Percentage
1.	MT6701	Medical Mechatronics	100
2.	MT6702	Modeling and Simulation	96.7
3.	MT6703	Robotics and Machine Vision System	84.3
4.	ME6602	Automobile Engineering	78
5.	MG6072	Marketing Management	96.4
6.	EE6007	Micro Electro Mechanical Systems	68.7
7.	MT6711	Computer Aided Design and Computer Aided Manufacturing Laboratory	100
8.	MT6712	Robotics Laboratory	100
9.	MT6713	Design and Fabrication Project	100

  
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