

**MAHENDRA ENGINEERING COLLEGE,  
NAMAKKAL – 637 503**

*(AN AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY CHENNAI)*

**ANNUAL QUALITY ASSURANCE REPORT  
OF THE IQAC**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**ANNUAL QUALITY ASSURANCE REPORT  
(2017 – 2018)**



**Submitted to**

**National Assessment and Accreditation Council**

**Bangalore - 560 072, India**

# **ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC**

**1<sup>st</sup> JULY 2017 – 30<sup>th</sup> JUNE 2018**



This is the AQAR of IQAC for Mahendra Engineering College, an Autonomous Institution, affiliated to Anna University, Chennai. The report relates to the period July 1, 2017 to June 30, 2018. This has been prepared under the direction of the Principal and submitted to the Governing Council in accordance with the National Assessment and Accreditation Council, Bangalore - An Autonomous Institution of the University Grants Commission, Guidelines 2013, for the Submission of Annual Quality Assurance Report (AQAR) of IQAC in Accredited Institutions.

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# Part – A

## AQAR for the year 2017-2018

### I. Details of the Institution

1.1 Name of the Institution	Mahendra Engineering College
1.2 Address Line 1	Salem – Tiruchengode Highway
Address Line 2	Mahendhirapuri, Mallasamudram West, Tiruchengode Taluk,
City/Town	Namakkal District.
State	Tamil Nadu
Pin Code	637503
Institution e-mail address	<a href="mailto:info@mahendrainstitutions.com">info@mahendrainstitutions.com</a>
Contact Nos.	04288-288521, 288522
Name of the Head of the Institution:	Dr.M.Madheswaran
Tel. No. with STD Code:	04288-288610
Mobile:	94899 00070

Name of the IQAC Co-ordinator:

Dr.C.Dhavamani

Mobile:

9443099759

IQAC e-mail address:

iqac@mahendra.info

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN18572

**OR**

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

EC(SC)/02/A & A/130 DATED: 10/07/2014

1.5 Website address:

[www.mahendra.info](http://www.mahendra.info)

Web-link of the AQAR:

<http://www.mahendra.info/aqar 2017-2018.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.06	2014	2014-2019
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

01/11/2012

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

i. AQAR 2014-15 submitted to NAAC on 22- 03-2016

ii. AQAR 2015-16 submitted to NAAC on 07-11-2016

iii. AQAR 2016-17 submitted to NAAC on 14-09-2017

1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

MCA & MBA

ANNA UNIVERSITY, CHENNAI

1.11 Name of the Affiliating University (for the Colleges)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme  UGC-CE

UGC-Special Assistance Programme  DST-FIST

UGC-Innovative PG programmes  Any other (*Specify*)

UGC-COP Programmes

**2. IQAC Composition and Activities**

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and  
Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held : 3

2.11 No. of meetings with various stakeholders: No.  Faculty   
Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

Applied

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

Outcome Based Education, Blooms Taxonomy,  
Faculty Development ,  
Research & Development  
Quality Improvement  
Industrial Based Hands on Training

2.14 **Significant Activities and contributions made by IQAC**

- In order to conduct academic audit, a core committee comprising the Managing Director, the Principal, IQAC coordinator and Dean was constituted. The Academic Audit and Continual assessment were held during 28.10.2017 to 15.11.2017
- TASKS –Teacher Acclaimed Seminar for Knowledge Sharing for teachers (Theme: By the Teachers for the Teachers) was planned and 60 programs have been conducted.
- Organized an awareness programme titled “ Healthy Women Wealthy Nation” Resource person Dr.Ashok, Saravana Hospital acted as the resource person on 04.07.2017



- IQAC cell conducted NASA Scientist Seminar on "Active optical Remote Sensing for NASA Space Based Earth Observation" on 07.07.2017
- Organized and celebrated "UZHAVAR VIZHA" for the local farmers and farming sector during 30th June and 1st July of 2017
- Organized "Blood donation camp and arranged for haemoglobin test for girls", jointly with CII and NSS on 26.07.2017. Dr.S.Ashok, Saravana Hospital, and Mr.Yuvaraj, CII Chairman acted as resource persons .
- Organized a seminar on "Fuel: Prospects and Challenges" on World Bio-Fuel day , 10.08.2017. Dr.P.Venkatachalam, Former professor, Tamilnadu Agri University acted as the resource person.
- "Women Health Care" a programme for woman was organized on 12.08.2017. Dr.S.Subha, MD., DGO., Gynecology at Mohan Kumaramangalam Medical College Hospital, Salem was the chief guest.
- Hans-Joachim Schrodt from , a Senior Expert from Germany met the students and interacted on 22.08.2017.
- Conducted a Orientation programme "Outcome Based Education and NBA evaluation Procedure" on 25<sup>th</sup> and 26<sup>th</sup> of August 2017. Dr.Ragupathy, Professor, Kongu Engineering College, Perundurai was the resource person.
- Second phase of "Outcome Based Education and NBA evaluation Procedure" on 2<sup>nd</sup> September 2017. Dr.Ragupathy, Professor, Kongu Engineering College, Perundurai was the resource person.
- An Awareness program "Indian Air force Carrier Opportunities" was organized on 23.09.2017. AMS Joseph, Wing Commander Directorate of personal from Indian Air Force was the chief guest.
- "NBA SAR Review " conducted on 29<sup>th</sup> and 30<sup>th</sup> September of 2017. Dr.Yadhava, Professor, Noida was the resource person.
- A motivation program was arranged to the first year students from 30.10.2017 to 06.11.2017 Mr.T.Raghunath, from Relax was the resource person.

- A programme named “Counseling the Counselors” was conducted on 25.11.2017, Dr.Laxmi Dorai, Psychologist , Head, Vinayaga Medical College Hospital, Salem was the resource person.
- SES German Professor Dr.Hans visited our campus and guided us to set up Center of Excellence of Industrial Innovation Practices (COEIIP) his visited lasted for 19 days from 22.01.2018 to 09.02.2018.
- A programme based on Cognitive Research in Engineering Applications for Doctoral Students(C-READS)” Sponsored by IEEE India council SSCC Chapter was conducted on 10<sup>th</sup> February 2018.
- Dr.Manny Paul conducted a seminar on “Mind Transformation” for all professors and Associate professors on 24.02.2018.
- IEEE conducted the 3rd IEEE Conference "ICEDSS2018" on 2<sup>nd</sup> and 3<sup>rd</sup> March 2018.
- Women Hackathon was organized on 2<sup>nd</sup> and 3<sup>rd</sup> of March 2018, It is registered in Asia book of records.

### 2.15 Plan of Action by IQAC/Outcome

The action plan and its achievements are listed below.

Action Plan	Achievements
<b>Admission</b> : All seats in UG, PG and Ph.D programmes should be filled up	Target Achieved
<b>Result</b> : Aim for more than 90 % Result	Pass percentage : UG : 72 % PG :86 %
<b>Extra Curricular Activities :</b>  <b>Sports</b>	<ul style="list-style-type: none"> <li>➤ Volley Ball – 3<sup>rd</sup> place Inter Collegiate Tournament held on 23.08.2017</li> <li>➤ Intramural Tournament conducted from 18.09.2017 to 23.09.2017</li> <li>➤ Badminton (Women ) – First place held at Jeyam College of Engineering Technology, Dharmapuri on</li> </ul>

	<p>18.09.2017</p> <ul style="list-style-type: none"> <li>➤ Badminton (Men) – 3<sup>rd</sup> place held at Jeyam College of Engineering Technology, Dharmapuri on 18.09.2017</li> <li>➤ Chess (Men )- 3<sup>rd</sup> Place held at Annapoorna College Of Engineering, Ariyanoor on 22.09.2017</li> <li>➤ Ball Badminton (Women) – First place held at Jeyam College of Engineering Technology, Dharmapuri on 31.08.2017</li> <li>➤ Cricket (Men) – II<sup>nd</sup> place held at Adhiyamaan College Of Engineering, Hosur on 06.08.2017</li> <li>➤ Football (Men) – 3<sup>rd</sup> place held at Adhiyamaan College Of Engineering, Hosur on 08.09.2017</li> <li>➤ Hockey( Men) – 3<sup>rd</sup> place held at Adhiyamaan College of Engineering, Hosur on 11.10.2017</li> </ul>
<p>NCC</p>	<ul style="list-style-type: none"> <li>➤ 26<sup>th</sup> Jan 2018 - Republic Day Celebration</li> <li>➤ 18<sup>th</sup> Jan 2018 to 26<sup>th</sup> Jan 2018 - Republic Day Marina Marching Contingent at Chennai</li> <li>➤ 30<sup>th</sup> Nov 2017 - Range firing Practice at K.S.R College of Technology,T.Gode</li> <li>➤ 21<sup>st</sup> Nov 2017 - Blood Donation Camp Conducted by 5(TN) Air Sqn (Tech) NCC,Salem held on CSI Polytechnic, Salem</li> <li>➤ 1<sup>st</sup> Sep 2017 to 10<sup>th</sup> Sep 2017 - IGC-VSC 2017 Air Force Station Tambaram</li> <li>➤ 15<sup>th</sup> Aug 2017 - Independence Day Celebration Mahendra Engineering College, Mallasamudram</li> <li>➤ 13<sup>th</sup> Jul 2017 to 22<sup>nd</sup> Jul 2017 - Basic Leadership Camp Periyar Maniammai University,Tanjavur</li> <li>➤ 14<sup>th</sup> Jul 2017 to 23<sup>rd</sup> Jul 2017 - Combined Annual Training Camp, Mahendra Engg College,Mallasamudram</li> <li>➤ 13<sup>th</sup> Jun 2017 to 22<sup>nd</sup> Jun 2017 - Combined Annual Training Camp , Mahendra College of</li> </ul>

	<p>Engg, Minnampalli, Salem</p> <ul style="list-style-type: none"> <li>➤ 1<sup>st</sup> Jun 2017 to 12<sup>th</sup> Jun 2017 - ALC-III Camp, Thamna, Gujarat</li> <li>➤ 21<sup>st</sup> Jun 2017 - International Yoga Day Celebration, Mahendra College of Engg, Minnampalli, Salem</li> <li>➤ Apr-2017- C certificate Examination - GCE, Salem</li> <li>➤ Apr-2017- B certificate Examination - GCE, Salem</li> </ul>
NSS	<ul style="list-style-type: none"> <li>➤ “Blood Donation Camp and Haemoglobin Test for Girls” jointly with CII and NSS on 26.07.2017</li> </ul>
<b>Co – Curricular Activities :</b>  <b>Guest Lectures :</b>	34 guest lectures were conducted
<b>Paper Presentations :</b>	107 papers were presented
<b>Publications :</b>	165 Journal paper were published
<b>No of Seminars Workshops conducted :</b>	107 seminars and workshops were conducted
<b>Research Enrolment</b>	52 Nos
<b>No of scholars Completed Research Programme :</b>	17 Nos
<b>Students Support Service :</b>  <b>II year : Know How Training - English</b>  Synonyms, Antonyms , Verb, Preposition, Tense , Improving sentences, Spotting errors, Presentation skill  <b>III Year : KNACK Training</b>	All training were conducted

<p>Corporate Level Aptitude</p> <p>Body Language</p> <p>Interview Skills</p> <p>Emotional Intelligence</p> <p><b>IV Year : Take Ten Training</b></p> <p>Aptitude - GRE, GMAT, CAT level</p> <p><b>Professional Development Courses</b></p> <p>The Finishing School Programme has been initiated</p> <ul style="list-style-type: none"> <li>• C/C++ - L1</li> <li>• STAADPRO</li> <li>• SOLID WORKS</li> <li>• AUTOCAD</li> <li>• MATLAB-</li> </ul> <p>Students Skill Development Activities</p> <p><b>Thought to Products :</b></p> <p>To enhance the students' practical knowledge, The students were motivated to do interdisciplinary projects under the concept of Thought to Products.</p> <p><b>Centre for Foreign Language :</b></p>	<p>Programmes were conducted</p> <ul style="list-style-type: none"> <li>• Industry Co-Teaching course (ICoT)</li> <li>• Inter Department Lecture (InDel)</li> <li>• Faculty Deeper learning Programme (FDLP)</li> <li>• Mahendra Students Tech Talk Series (MaSTS)</li> </ul> <ul style="list-style-type: none"> <li>• Totally 81 innovative ideas were received from the students.</li> </ul> <p><b>Japanese Language Proficiency Test (JLPT) :</b></p> <ul style="list-style-type: none"> <li>• 108 students has registered and classes were conducted for level N5.</li> </ul>
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<p><b>Online Course :</b></p> <p>Got approved nodel center for online NPTEL certification course.</p>	<ul style="list-style-type: none"> <li>• 244 members were got NPTEL online certification course both students and faculty.</li> </ul>
<p>To maintain a database of industries that to be used for internship, field training and also projects in all the departments</p>	<ul style="list-style-type: none"> <li>• Students' projects were done at reputed companies like HAL, L&amp;T, DRDO etc.,</li> </ul>
<p><b>Alumni association</b> to be activated, Alumni data base to be updated and further alumni relationship with the institution to be strengthened</p>	<ul style="list-style-type: none"> <li>• Alma connects services were engaged to develop alumni data base and around 5500 Alumni were registered.</li> <li>• Alumni meet was organized at Chennai on 23.11.2017. Through the alumni meet some of the Alumni offered training and placement to our present students.</li> </ul>
<p><b>Projects</b> One minor project and two major projects for per department. All self financing departments should apply for Minor project.</p>	<p><b>Minor Projects :</b></p> <p>Applied : 12 Sanctioned : 3</p> <p><b>Major Projects :</b></p> <p>Applied : 8 Sanctioned : 2</p>
<p><b>Placement</b></p>	<p>No of student placed : 630</p> <ul style="list-style-type: none"> <li>• Companies :</li> <li>• Hexaware</li> <li>• TVS – Harita</li> <li>• Lexis Solutions</li> <li>• Tech Mahindra</li> <li>• Smart Resources</li> <li>• Amazon</li> <li>• Artech</li> <li>• Jade Global</li> <li>• VIP Hr Services</li> <li>• Xpanxion</li> <li>• Xento</li> <li>• Open Text</li> <li>• Yalli Media</li> </ul>

	<ul style="list-style-type: none"> <li>• Global Edge</li> <li>• PEL – Semicon</li> <li>• Texmo Industries</li> <li>• Strategi Automation</li> <li>• CLF - Structures Pvt. Ltd</li> <li>• METEC etc.,</li> </ul> <p>Average Salary per Annum : Rs.25,000/-</p>
<p><b>E-content :</b> To develop e-content for all subjects,</p>	<ul style="list-style-type: none"> <li>• All contents were uploaded in Mahendra Dash Board. Any time students can download the content.</li> </ul>
<p><b>Start-up and Business Incubation :</b>  To improve the creative mind and practical knowledge of the students Knowledge MSME –Business Incubator centre has been established to promote novel ideas among the students.</p>	<ul style="list-style-type: none"> <li>• Ten proposals were submitted with the budget of 65 lakhs.</li> <li>• Out of ten proposal 7 proposals were sanctioned by MSME , GoI , New Delhi during December 2018 and January 2019 .</li> </ul>
<p><b>For faculty:</b> Teachers Acclaimed Seminar for Knowledge Sharing (TASKS) Faculty Deeper Learning Programme (FDLP) Faculty Development Programme (FDP)  Proficiency in English Language skill  Academic training to the new faculty members</p>	<ul style="list-style-type: none"> <li>• 202 seminars were conducted</li> <li>• 36 FDLP programme were conducted</li> <li>• 10 programmes were conducted</li> <li>• Proficiency Skill in Listening, Reading , Common Errors and Writing Classes and tests were conducted.</li> <li>• Pedagogy Training has been given to our new faculties</li> </ul>
<p><b>Academic Achievements :</b>  To establish Centre of Excellence for each department  To be among the top 10 colleges in</p>	<ul style="list-style-type: none"> <li>• Eleven Centres of Excellence were established.</li> <li>• ICT Academy has honoured our college with</li> </ul>

<p>Tamil Nadu.</p> <p>To impart and provide Industry Based Education</p> <p>Best Innovative practice : Mahendra- a Step ahead</p>	<p>Students with “Best Practices Award 2018” Award for students skill development through 4 i mantra for success in Tamilnadu. A Compendium by ICT Academy on 32<sup>nd</sup> Edition of “Bridge 2018” was held on 28<sup>th</sup> March 2018 at Chennai.</p> <ul style="list-style-type: none"> <li>• Competition Success Review has ranked our college as 10<sup>th</sup> among all Engineering Colleges in Tamil Nadu and ranked 12<sup>th</sup> among the promising Engineering Colleges of Excellence.</li> <li>• An "Innovative Campus Award" for encouraging students to submit more number of projects highlighting the importance of research and innovation by International Society for Scientific Research &amp; Development, Bangalore (ISSRD).</li> <li>• Received IE(I) award from IE(I) Tamil Nadu State Center for BEST SUPPORTING ENFINEERING COLLEGE for active participation in 31<sup>st</sup> National level convention of Aerospace Engineers on 9<sup>th</sup> and 10<sup>th</sup> February 2018.</li> <li>• Achieved top 100 ranking in Times Engineering Ranking Survey 2018.</li> <li>• Achieved AAA rating in Digital Learning Engineering Ranking Survey 2018.</li> <li>• Seven faculties received various awards for achieving in academic excellence.</li> <li>• Got 27<sup>th</sup> rank in the division of ranking of Top Engineering Colleges of Eminence by CSR- GHRDC Engineering Ranking survey 2018.</li> <li>• Accredited by Data Quest -CMR Best Technical School Survey 2018 in the following Criteria. Top 100 T- Schools (both government and Private Combined) -74<sup>th</sup> Rank 2. Top Private T-Schools -58<sup>th</sup> Rank</li> </ul>
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<p>➤ To augment the enlightening and vitalizing academic atmosphere in the campus. Following events are being practised periodically .</p> <ul style="list-style-type: none"> <li>• Mahendra International Lecture Series (MILeS)</li> <li>• Mahendra Alumni Lecture Series (MAILS)</li> <li>• Faculty Academic Contribution towards Excellence (FACE)</li> <li>• Mahendra Undergraduate Innovation Contest (MAGIC)</li> </ul>	<ul style="list-style-type: none"> <li>• Accredited A++ in the prestigious <b>CHRONICLE INDIA SURVEY 2018</b>, which is the ALL India Top 7th Engineering Ranking Survey.</li> <li>• All Programmes were conducted</li> <li>• Sponsored programmes conducted : <ul style="list-style-type: none"> <li>➤ IE(I)</li> <li>➤ CSIR</li> <li>➤ ICMR</li> <li>➤ Anna Univeristy</li> <li>➤ AICTE</li> <li>➤ IIT-Bombay</li> </ul> </li> </ul>
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*\* Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body    Yes     No

Management     Syndicate     Any other body

## PART-B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	4	1	-	-
PG	9	-	9	-
UG	11	-	11	2
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	11
Others	-	-	-	-
<b>Total</b>	<b>24</b>	<b>1</b>	<b>20</b>	<b>13</b>

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

##### 1.2 (i) Flexibility of the Curriculum: **CBCS/Core/Elective option / Open options**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	22
Trimester	-
Annual	-

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

**1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.**

- Revision was made in Autonomous R-2017 curriculum and syllabus to make Industry ready.

**1.5 Any new Department/Centre introduced during the year. If yes, give details.**

- Centre of Excellence in Formwork Engineering is inaugurated on 09.11.2017.
- Civil department, Research Centre is established in the year 2017-18
- Department of Aeronautical Engineering established Centre of Excellence by Barola Aero Technologies.
- Department of EEE established, Special Machines Laboratory, Embedded system laboratory, Microprocessor and Microcontroller laboratory.

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	<b>Total</b>	<b>Asst. Professors</b>	<b>Associate Professors</b>	<b>Professors</b>	<b>Others</b>
	317	273	17	27	0

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	<b>Asst. Professors</b>		<b>Associate Professors</b>		<b>Professors</b>		<b>Others</b>		<b>Total</b>	
	<b>R</b>	<b>V</b>	<b>R</b>	<b>V</b>	<b>R</b>	<b>V</b>	<b>R</b>	<b>V</b>	<b>R</b>	<b>V</b>
	27	2	4	-	1	-	-	-	32	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	69	67	-
Presented papers	133	58	-
Resource Persons	4	16	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Faculty members were adopted innovative practices by many aspects. It has to be uploaded in our college website <http://www.mahendra.info/innovative.php>

2.7 Total No. of actual teaching days   
During this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

85.64

2.11 Course/ Programme wise distribution of pass percentage:

UG	Pass %	PG	Pass %
EEE	67	ME(Communication System)	91
ECE	75.1	ME(VLSI)	67
EIE	62.16	ME(Control Systems)	65
CSE	55.3	M.E (CAD)	94
IT	70	M.E(CSE)	77
CIVIL	83.4	M.E.(CN)	100
MECH	94.8	MBA	100
MECH&AUTO	65.95	MCA	71
MCT	70	M.E(Structural)	91.3
AERO	62.8	M.E (CM)	87.5
AGRI	76	M.E (MF)	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Conducting academic quality audit by interaction with each department and its documents.
- Remedial actions towards academic excellence.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	33
UGC – Faculty Improvement Programme	2
HRD programmes	2
Orientation programmes	38
Faculty exchange programme	0
Staff training conducted by the university	9
Staff training conducted by other institutions	45
Summer / Winter schools, Workshops, etc.	106
Others	90

#### 2.14 Details of Administrative and Technical staff

<b>Category</b>	<b>Number of Permanent Employees</b>	<b>Number of Vacant Positions</b>	<b>Number of permanent positions filled during the Year</b>	<b>Number of positions filled temporarily</b>
Administrative Staff	65	-	-	-
Technical Staff	50	-	-	-

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- IQAC initiated Research and Development Cell yielded good result by increasing the number of sponsored research projects and publications than the previous year.
- Department of Civil Engineering signed the MoU with Prayojana Construction Management Training Institute, Salem On 20<sup>th</sup> Dec 2017.
- Department of Civil Engineering has sent one proposal for Waste Management Technology 18 on the topic of An Innovative Approach on Efficiency of Tricking Filter Media with Construction & Demolition Waste”.
- Start-up projects for Grant Under MSME – on the following topics.
  - “Miniature Scale Industrial Ash Aggregate Plant”
  - “Design & Fabrication of coir tile making machine”
  - Well-equipped portable and odourless biogas plant in aerobic process
  - Development of lactase enzyme based water purifier and detergent enhancer.
  - Sew seed dibbler
  - Physic – fast heal
  - Automatic Poultry Feeder
- Established Research Centre for Civil Engineering through Anna University, Chennai,
- Conducted a two week ISTE STTP on Electric Power System by IIT, Kharagpur
- Three projects are sanctioned by Tamil Nadu State Council for Science and Technology (TNSCST)
- Organized a National Conference on “Future Research Directions to Mitigate the climate Change and its Effects Related to Energy Sector" by Science and Engineering Research Board (SERB) (statutory body) Department of Science & Technology (DST), Govt of India.
- Conducted a Seminar on “Smart sensors for sustainable smart health care” by Council of Science and Industrial Research (CSIR)
- Department of Civil is the recognized Research Centre of Anna University, Chennai and few faculty members are serving as research supervisors under this centre.

### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	1	Nil	<b>04</b>
Outlay in Rs. Lakhs	Nil	Rs.10,00,000	Nil	<b>125.50</b>

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	1	4	6
Outlay in Rs. Lakhs	Rs 0.35L	2.88L	10.85L	0.6L

### 3.4 Details on research publications:

	International	National	Others
Peer Review Journals	85	30	-
Non-Peer Review Journals	36	02	-
e-Journals	12	Nil	-
Conference proceedings	84	32	-

### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	1	MSME-Government of India	22 L	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	3 Months	National Institute of Solar Energy (NISE) under Ministry of New and Renewable Energy (MNRE)Mangla Smart Energy Solutions Pvt.Ltd.,Tirupur	3 L	3 L
	7 Months	Adithya Power Systems	Rs. 1.1L	Rs. 1.1L



	6 months	Raana Power Solutions Pvt. Ltd.	Rs 0.1L	Rs 0.1L
Projects sponsored by the University/ College	1	MEC	Nil	Nil
Students research projects <i>(other than compulsory by the University)</i>	1	MSME	3L	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total		-	Rs 18.05L	Rs 4.55L

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State		University	College
Number	1	2				
Sponsoring agencies	IEEE	Management	-		-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
14	-	6	11	<b>Anna University and Sathiyabama University</b>	-	-

3.18 No. of faculty from the Institution  
Who are Ph. D. Guides  
and students registered under them

19

75

3.19 No. of Ph.D. awarded by faculty from the Institution

17

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS: :

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="6"/>
National level	<input type="text" value="2"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>
NCC	<input type="text" value="1"/>	NSS	<input type="text" value="04"/>
		Any other	<input type="text" value="-"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Organized “Blood Donation Camp and Haemoglobin test for girls” jointly with CII and NSS on 26.07.2017. Resource persons were Dr.S.Ashok, Saravana Hospital, Mr.Yuvaraj, CII Chairamn
- Organized World Woman Hackathon “Guinness World Record” for 2018 Girls and Lady Faculties on March 2<sup>nd</sup> and 3<sup>rd</sup> 2018 at MEC .
- Organized MOU signing ceremony with CII-Yi Yuva Salem Chapter on 21.06.2017 and celebrated International YoGA day
- organized IE(I) orientation programme on “Fuel: Prospects and Challenges” in World Bio-Fuel day on 10.08.2017. Resource person was Dr.P.Venkatachalam, Former professor, Tamilnadu Agri University.
- Mahendra App Hackathon (MaAppTHON) in association with IEI was conducted during 15<sup>th</sup> and 16<sup>th</sup> Sep 2017, a National level non-stop 24 hours hackathon focusing on the set of notable digital product development.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

The campus area is 20.55 acre. The buildings, furniture and equipments are put to optimum use and are available for teaching-learning process and evaluation, co-curricular, extra-curricular, research and extension activities.

Facilities	Existing	Newly Created	Source of Fund	Total
Campus Area	20.55 acre	-	Management	20.55 acre
Class Rooms (Sq. m)	5875.00	-	Management	5875.00 Sq. m
Laboratories (Sq. m)	8907.00	464	Management	9371.00 Sq.m.
Seminar Halls(Sq. m)	3706.00	-	Management	3706.00 Sq.m.
No. of important equipments purchased ( $\geq$ 1-0lakh during the current year)	17	14	Management & DST Fund	31
Value of the equipments purchased during the year (Rs. in Lakhs)	4,099,870	103.12	Management & DST Fund	4,099,973.12

#### 4.2 Computerization of administration and library:

An online system maintenance helpdesk module is installed in the Data Centre. If any problem arises in any of the computers, it is entered in a help desk and it is being taken care of by the Technical Team. This is monitored by the Director of Computer Centre. Every week the System Manager gets a consolidated report on pending activities and of the working condition of the systems. Periodical pest control Measures are taken to maintain books and journals in the library in good condition.

- The library provides open access to staff and students.
- At the beginning of every semester, the Librarian addresses the students and explained the methods of using the library resources.
- Auto Lib software which facilitates the borrowing and issue of books quickly.
- Journals and magazines are kept in open racks.
- The librarian and five library assistants ensure the use and security of resources in the Library.

#### 4.3 Library services:

The college library has raised its resources up to 1, 11,844 volumes. 1054 new books and 240 journals/magazines have been added to the existing resources in the Library. In order to enhance the resources in e-library, 299 new CDs and DVDs were purchased and added to the e-collection. DELNET service & Auto Lib software facilitates and quicken the process of the borrowing and issue of books.

	Existing(1995- 2017)		Newly added 2017-18		Total	
	No.	Value	No.	Value	No.	Value
<b>Text Books</b>	110790	44452540	1054	465856	111844	44918396
<b>Reference Books</b>						
<b>Journals</b>	1721	3702056	240	573968	1961	4276024
<b>E – Resources (Delnet, Elseiver, NPTEL )</b>	8125	1222546	675	699790	8800	1922336
<b>CD &amp; Video</b>	5679	108275	299	-	5978	108275
<b>Project Report</b>	3269	-	442	-	3711	-
<b>News Paper</b>	10	246240	-	-	10	246240

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments
Existing	1260	13	50	2	1	15	25
Added	-	-	-	-	-	-	-
Total	1260	13	50	2	1	15	25

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- Every department has been provided with computers, LCD and internet system.
- Expansion of E-technology has enhanced the use of computers in curriculum development, teaching-learning, evaluation and research.
- Students are encouraged to make use of computers for Power Point Presentations for their seminars and projects.
- Internet connectivity is given to all the departments. Internet browsing is available for teachers and students at free of cost during the working hours of the library.

**4.6 Amount spent on maintenance in lakhs:**

i) ICT	24.84
ii) Campus Infrastructure and facilities	343.34
iii) Equipments	12.64
<b>Total</b>	<b>380.82</b>

## Criterion – V

### 5. Student Support and Progression

#### 5.1 CONTRIBUTION OF IQAC IN ENHANCING AWARENESS ABOUT STUDENT

- ❖ IQAC has helped the Student for providing necessary information, Xerox facility and Phone facility are also provided.
- ❖ Besides the Student Service Centre, a Co-operative Store is also available.
- ❖ Financial assistance was extended to economically weaker students, personal counselling was given both by Counsellors and Teachers to minimize the dropout rate.
- ❖ Add-on courses for development of soft skills were offered.
- ❖ Mock Interviews were conducted at the departmental level.
- ❖ The institution publishes its updated prospectus and handbooks annually. The information content is disseminated to students at the beginning of every academic year.
- ❖ During Bridge Course, the COE explains the salient aspects of the end semester examination planning of Choice Based Credit System.
- ❖ Detailed information was provided regarding various scholarships available and the procedure to be followed for availing the facilities.

#### 5.2 EFFORTS MADE BY THE INSTITUTION FOR TRACKING THE PROGRESSION

- ❖ The placement training programmes have been arranged in each semester for the benefit of the students followed by arranging the placement drive by various reputed companies.
- ❖ Various technical related programmes are conducted for improving the technical skill and knowledge of the students.
- ❖ Each and every student is motivated by the mentor and the mentor to participate in all the co-curricular and extracurricular activities.
- ❖ Every department maintains the progress register of all students.
- ❖ Add-on courses help students to get employment opportunities.
- ❖ Tutors in the Tutor-Ward system and Counsellors provide necessary guidance to Students in the choice of their career.
- ❖ The Alumni/ae Association maintains consistent correspondence with alumni/ae.
- ❖ Marks scored in the internal assessment tests and university examinations are intimated to the parents.
- ❖ Feedback from the students, Parents and alumni are being collected and maintained regularly.
- ❖ Necessary remedial measures are introduced for the academic improvement.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3058	357	-	-

(b) No. of students outside the state

203

(c) No. of international students

NIL

Men	No	%	Women	No	%
	2245	77.35		563	22.48%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
3531	962	29	-	NIL	4512	2545	842	28	-	NIL	3415

Demand ratio :

Dropout: 0.107%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- ❖ Orientation Programmes for writing examinations such as GATE, GRE and TOEFL were organized by Entrepreneurship Development and Research Cell (ED & RC)
- ❖ Coaching classes for competitive examinations were arranged by SST.

No. of students beneficiaries

3205

5.5 No. of students qualified in these examinations

NET		ET/SLET		GATE	16	CAT	1
IAS/IPS etc	1	State PSC		UPSC		Others	25



## 5.6 Details of student counselling and career guidance

- ❖ The Placement Cell is continuing its activities to guide the students towards meaningful jobs as the logical corollary to their educational pursuits.
- ❖ It is very gratifying to record that many students get employment after the completion of their studies on their own efforts.
- ❖ Efforts to propagate the idea of the need for training oneself for employment, honing one's skills and acquiring additional skills, especially communication skills, are the key activities of the Career Guidance and Placement Cell. In addition, the following are the initiatives during this academic year.

### **CAREER GUIDANCE:**

- ❖ The institution arranged the career counselling for all the first year students. It helps to understand the professional profile better by assessing education, interests, values and personality.
- ❖ Career guidance consists of the services which will be helpful to the students to manage their future successfully.
- ❖ Keeping in view the aims and objectives of guidance and counselling programme to develop the knowledge, skills and attitude necessary to:
  - Self-understanding
  - Development of potentialities
  - Development of interest,
  - Problem solving, decision making
  - Interpersonal relationship
  - Setting goals educational, career, personal
  - Information seeking

### **COUNSELING:**

- ❖ Counselling focuses on student's growth and adjustment and promotes problem solving and decision making.
- ❖ It is generally provided to individual students as per the requirement. However, sometimes a small group of students having similar concern are provided group counselling.
- ❖ Counsellor will ensure that targets are realistic and will help to look for jobs that suit students expectations.

### The Academic domain focuses on

- ❖ Improving study skills
- ❖ Improving attendance
- ❖ Identifying and addressing barriers to academic learning (such as issues and problem related to attendance, discipline, health, family, peer pressure, language, barriers, learning disabilities, educational gaps, unsafe school environment, lack of interest, anxiety).
- ❖ Motivation to learn
- ❖ Establishing purpose to the learning process

### The Academic domain focuses on

No. of students benefitted

550
-----

### 5.7 Details of campus placement

<i>On campus</i>		<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
136	869	564	82

### 5.8 Details of gender sensitization programmes

S.No	Name of the Program	Date	Resource Person
1.	“Blood Donation camp and HB analysis for girls ”	27.07.2017	Dr.S.Ashok Managing Director Saravana Hospital Salem
2.	" Orientation program for Councilors “	25.11.2017	Dr.Laxmi Dorai Pshychiatrist Vinayaga Missions
3.	World record Women Hackathon	2 <sup>nd</sup> and 3 <sup>rd</sup> March 2018	Ms.Dhanalakshmi Sr.Lead Engineer Qualcomm
4.	Women Health Programme	04.07.2017	Dr.S.Ashok Managing Director Saravana Hospital Salem

## 5.9 Students Activities

### 5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level   
Zone level

### No. of students participated in cultural events

State/ University level  National level  International level

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level  National level  International level   
Zone level

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	795	6915000.00
Financial support from government	1211	6809370.00

### 5.11 Student organized / initiatives

Fairs : State/ University level  National level  International level   
Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

### **5.13 Major grievances of students (if any)**

1. Students wanted permission to use computer lab after college timings & Saturdays.
2. Students wanted permission to use Digital Library after college timings & Saturdays.
3. Hostel students wanted to change to the menu and timing in the hostel mess.
4. Requested 24 hours water facility in college as well as hostel.
5. Requested adequate dustbins in college.
6. Inform available medical centre timings to us.
7. Requested projector facility for seminar classes.
8. Requested Library hour to use library daily (i.e library hour to be added in the timetable).

All these issues have been properly addressed to and steps have been taken to redress all their grievances.

## Criterion – VI

### 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

#### **Vision**

To be an internationally recognized institute for engineering research with ethical values

#### **Mission**

- To ensure the effective use of resources to mould the students as professionals and entrepreneurs
- To enhance the industry institute interaction for innovative technology practice
- To encourage the faculty and students in research across nation and beyond
- To inculcate the ethical values among the students

6.2 Does the Institution has a management Information System

YES

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

#### **Curriculum Development**

- Curriculum under Choice Based Credit System enables the Placement Cell to conduct Placement training so as to help students for acquiring the necessary soft skills leading to better employment opportunities.
- The Choice Based Credit System followed at present in the college facilitates a flexible and wide range of selection of prescribed papers for students.
- Communication and Soft Skills Based Elective courses, open elective and Industry based subjects are available to students irrespective of their major subjects.

### 6.3.2 Teaching and Learning

- College provides quality education in various disciplines ranging from English to Professional courses.
- Student creativity can be fostered.
- The college also organizes special teaching and coaching classes for such students to enhance their employability and competitive strength.
- Learning is based on context so generalizing learning to new contexts is not spontaneous but instead needs to be facilitated.
- In-basket training methodology for UG & PG students enables them to acquire the skills required by the corporate trend.
- Meaningful learning is initiated through guided teaching and guided library assignments, group discussion, seminars, debates, quiz, viva, etc.
- Focusing on research the college initiated research tasks for the students as a part of extra-curricular activity through project work, on-the-spot study, and survey.

### 6.3.3 Examination and Evaluation

Semester system with Continuous Internal Assessment (CIA) is followed.

- The Principal and the Heads of the various Departments monitor the performance of the students by making a through analysis after every internal test and end semester examination.
- The teachers make an analysis of the performance of students after every internal test and end semester examination in the Departmental Meetings.
- The performance of students is analyzed in the Academic Council meeting in every December and by the Governing Body meetings in March.
- Result passing board meeting is being conducted before publishing the results of the end semester examination.

#### 6.3.4 Research and Development

During this academic year 281 research papers were published in National and International Journals. 112 papers were presented in International Conferences and 83 papers were presented in National Conferences and Seminars. 17 research scholars have obtained their Ph. D. from the research centre of our college. 2 major projects and 5 minor project were sanctioned by funding agencies. 71 teachers have participated in Orientation Programmes and Refresher Courses. 5 Proceedings have been published.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

1. Max. No of Books are issued to the students through Library book bank scheme ( each student can borrow 10 copies at a time.).
2. Orientation Programme is offered to our students.
3. Computerized digital library like OPAC, DELNET, NPTEL, etc) is provided.
4. Well –stacked library with a collection of more than 1 lakh volume books
5. Question banks are provided for better preparations.
6. Up-to-date well balanced collections of non-book materials are in our library.
7. Reprography facility is available with nominal cost.
8. Library has more than 15 computers for digital library services and scanners.
9. User convenient library timing has been provided convenient time slots.
10. Reference referral services are also provided.
11. Daily news update displayed in library notice board about current affairs, College News, etc.
12. Information about new arrivals of books, Journal content pages will send to department mails using LAN connection for knowledge updation.
13. To assist research scholars, a good collections of project works & Thesis are placed in the department library.
14. Self-development books, English & Tamil fiction books are also available in the library.
15. Conducted book fairs at our college.
16. Inaugurated Readers club at our college.
17. Bar coding facilities is used for easy accessing of books.
18. The campus is certified as an Eco-Friendly green campus.
19. Convenient time slots and user-friendly environment helps library users to spend their time usefully..

### 6.3.6 Human Resource Management

- The Principal shall assess the staff requirements in the month of April for the subsequent academic year.
- Will obtain the staff requirement lists from all the Heads of Department and consolidate the number of faculty members, Lab assistants and administrative staff required as per the norms.
- He will consider appointing a Professor to be the Head of every discipline, besides the number of Assistant Professors and Lectures required in accordance with the teacher student ratio prescribed herein.
- The teacher student ratio shall be **1:15** and for this purpose the Professor shall also be included in counting the number of teachers.
- The Principal will fix a selection Panel Committee for recruitment in each discipline, comprising of the Principal, HOD, and the Department's Advisors/Experts from the neighboring institutions.

### 6.3.7 Faculty and Staff recruitment

- The Selection Committee shall prepare a job description and job specification for the candidate to be recruited.
- The committee shall augment candidature in a ratio of 1:3 for every position to be filled from any or all of the following sources: Advertisements in the Newspapers, Files maintained for storing the unsolicited applications and References.
- If the committee deems it fit, may also conduct Walk in Interviews for augmenting the required candidates.
- The committee shall short list the candidates in the following processes: Personal interviews and class room demonstrations.
- The committee shall finalize the short listed candidates and submit their recommendations along with the personal data sheets of the candidates to the Chairman/ Managing Director who in turn will approve the decisions of the committee on the appointment.
- An Offer of appointment shall be released by the Principal through HR.



### 6.3.8 Industry Interaction / Collaboration

- Prayojana training Institute
- Apex High-tech Institute, Bangalore
- Frankinsteins Engineering Laboratory Pvt. Ltd., Erode
- FESTO, Bangalore
- ROOTS Industries
- SS Techno vision, Coimbatore
- REDHAT Academy
- MSME(Govt of India)
- Barola Aero sports(P)Ltd
- TVS Harita
- Hyderabad Acilines
- Mangla Smart Energy Solution, Tirupur
- General Electrical and Electronics Solution, Salem
- KCP Solar Industries, Salem
- GA Software Technologies
- Oracle
- TCSiON
- MNW IT Ltd
- Infosys
- MECTON
- Maruthi Coach Builders Pvt.Ltd, Karur
- Sigram constructions
- L&T Farm works

### 6.3.9 Admission of Students

- As per the Tamilnadu state Government of Technical Education, Admission rules and regulations, based on Counselling and Management quota are followed.
- There shall also be a merit-based, lateral admission of students having Diploma qualification to the second year of all the programmes at the College in accordance with the Government rules applicable for such admissions.
- The College website, prospectus and the curriculum design book contain information about the institution and the programmes offered. The prospectus that highlights the details of various programmes of the College is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission. It is given to the applicants along with the application form.
- A customized admission software package has been developed to facilitate the admission process.

## **6.4 Welfare schemes for**

### **Teaching staff**

- Accidental policy coverage is provided with a least premium of Rs.60.
- Loan facilities
- Flexible timings provided
- Contributory Provident Fund for management faculty
- Contribution towards medical insurance
- Maternity leave
- 50 % of the expenses borne by the Management for paper publications, attending national and international seminars & conferences held in India and abroad.
- Orientation and Faculty Development Programmes are organized by the Management
- Casual Leave, Medical Leave, Compensation leave
- School and College fees concessions are given to their Children
- Loan facilities
- Uniforms for the supportive staff
- Financial aid to educate the children of supportive staff
- Festival advance, Admissions, scholarships and fee concessions for daughters of administrative and supportive staff
- Refreshments during working hours for administrative staff
- Advance money to meet emergency expenditure of the staff
- Contributory Provident Fund
- Contribution towards medical insurance.

### **Students:**

- Several Scholarship schemes
- Trained and professional counsellors are available on campus to help in students' counselling
- Welfare activities such as disbursing scholarships, financial aid, free education and food tokens to the less privileged.
- Organized orientation programmes for the first year students on all matters relating to academics, student discipline and services
- Organized medical camp for students
- Several National/International seminars and Guest lectures organized.

- Multipurpose Gym, Fitness programmes, opportunities provided to participate in community oriented programmes, skill development programmes etc.
- Career Guidance provided for students to enhance their employability, in addition to providing information on job availability.
- Coaching classes for UPSC, Competitive Examinations, Foreign Language etc
- Placement programmes arranged with reputed organizations to help them get placed in corporate companies

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	-	Yes	IQAC
Administrative	Yes	-	Yes	IQAC

**6.8 Does the University /Autonomous College declare result within 30 days?**

For UG Programmes	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
For PG Programmes	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>

### **6.9 What efforts are made by the University / Autonomous College for Examination Reforms?**

- To enhance the student in-depth knowledge, objective questions are included in internal test and end semester examinations.
- Question papers set as per the Bloom's Taxonomy.
- The Office of the Controller of Examination carries out computerization of the entire examination system. On-line examination, on-line registration of examination forms and uploading the semester examination results are carried out as per schedule mentioned in the College Calendar.
- The examination application forms, allocation of register numbers and seating arrangements, hall tickets, processing of mark statement have been computerized.

### **6.10 What efforts are made by the University to promote autonomy in the affiliated /constituent colleges?**

- The Academic and Administrative experts are involved in the Autonomous activities during the conduction of BoS (Board Of Study) meeting, governing body meeting academic council and examination process.
- The university provides all the necessary support to the college for autonomous activity.

### **6.11 Activities and support from the Alumni Association,**

- **MAILS - Mahendra Alumni Interactive Lecture Series** – We are providing guest lecture to the students through our alumnus under this forum, 2 Lecture per semester in each department. Totally 42 lectures were organized during the academic year 2017-2018.
- Alumni of our college extend a supporting hand in developing the skill set and placement activities of our students.

### **6.12 Activities and Support from the Parent – Teacher Association**

- After completing the internal exams, progress reports are sent to the parents and informed to attend the meeting.
- During the Parent-Teacher Meetings the parents are informed of the academic progress of their wards and necessary remedial measures are suggested.
- Feedback is obtained from the parents in a structured format

- Some of their useful suggestions have been implemented. To mention a few – improved facilities at the hostel, computer training to students pursuing non computer courses, skill oriented programmes, Programmes to improve language proficiency of students etc.

### **6.13 Development programs for support staff**

- Computer Skill training
- Communication skills training
- Hands on training have been given to the Supporting staff to handle the instruments and first aid in the Laboratory under College Scheme.
- First Aid Programme
- Fire and safety measures

### **6.14 Initiatives taken by the institution to make the campus eco- friendly.**

- Eco-friendliness in the campus is the policy of the college. Lawns and gardens are maintained with utmost care.
- College has been certified as per the ISO green environment policy No14001:2004.
- Rain water harvesting has been improved in the campus
- All infrastructure including building materials, doors, windows, black board, solar lights are made up of eco-friendly products.
- Creating awareness among students to cultivate plants, and to avoid plastics through Community orientation programme.
- Waste water treatment plant was established
- Use of plastics in the campus has been prohibited following the mass campaigning by the Macro Miracle Club.

## **Criterion – VII**

### **7. Innovations and Best Practices**

#### **7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.**

The Institution has developed many Innovative Methodologies to improve the student's knowledge in various fields. They are...

##### **7.1.1. INDUSTRIAL CO-TEACHING (ICOT)**

Industrial Co-Teaching Courses are designed to facilitate the transfer of knowledge to the students by educating them with the support of industries. The content of the courses are derived in consultation with the industry experts. In general, the courses have three modules and the interested students can register one module per semester. The important aspect of the ICoT courses is to ensure that the advanced learning is happening in the area of interest which is offered by their department and other departments.

##### **7.1.2. INTER DEPARTMENT LECTURE (InDeL)**

The Inter Department Lecture Series is planned to create an interactive and dynamic interdisciplinary learning environment among various disciplines of Students. Integration of different subjects across various disciplines is expected to create a customized application in the domains of Students. In this regard InDel is expected to provide ample opportunities for interaction to enhance the knowledge.

##### **7.1.3. Mahendra under Graduate Innovation Contest (MAGIC)**

Mahendra under Graduate Innovation Contest is to identify the students with innovative ideas and provide them the financial support to implement the project. Mahendra educational trust motivates the students to participate in the event and exhibit their talent to win the seed money to implement the project.

#### **7.1.4. MAHENDRA ALUMNI LECTURE SERIES (MAILS)**

Through MAILS the alumni working in various concerns are invited to deliver a session through which their valuable knowledge, experience and hardship they faced are shared with the junior students. It is one of the opportunities to get internship and in-plant training in their firm.

When the current scenario in the market and the expectation from the industry are shared by their own seniors (Alumni), it gets good impact among the students.

#### **7.1.5. NPTEL certification**

The students are motivated to take up the NPTEL certification courses offered by IITs and IISC through online. On successful completion of NPTEL course the students are exempted from attending the same course in the curriculum of study.

#### **7.1.6. MaSTS- Mahendra Students Tec talks Series**

The students are encouraged and given an opportunity during 7th period on all working days with a maximum audience of 50 students to present a Technical Talk on the topic of their interest to share with peer group of students.

#### **7.1.7. Alumni Mentoring**

Fifteen active learners in each class are identified in core domains and they are attached with alumni's. Alumni will interact and support to the assigned students to enhance their learning practice and better planning of their careers.

#### **7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.**

Academic calendar is to be prepared for every semester before commencement of semester. It indicates the activity to be carried out in the entire semester.

#### **7.3 Give two Best Practices of the Institution (*please see the format in the NAAC Self-study Manuals*)**

### **7.3.1. Faculty Deeper Learning Programme (FDLP)**

Major focus of Faculty Deeper Learning Programme (FDLP) is to understand and upgrade the subject knowledge. Creates a platform for the faculty members to master the core content to teach and learn further. Develop a strong foundation in the subjects. Provide opportunities to share the intellectual ideas and concepts.

### **7.3.2 Teachers' Acclaimed Seminar for Knowledge Sharing (TASKS) is in practice**

The ultimate intention is to encourage the faculty members to share the knowledge other than the academic in a common forum through which the faculty is confidence level also gets developed. It is like a seminar for teachers by teachers.

**In addition to the above programmes, the institution is also conducting other value added courses to the students such as**

- Lab view Academy Training (CLD)
- Lab view Academy Training (CLAD)
- L&T Form work Training
- Know How Training.
- KNOCK Training
- CATIA
- WIPRO Mission 10X
- AUTODESK (AutoCAD)
- Texas Instruments(Embedded Systems)
- ANSYS

### **7.4 Contribution to environmental awareness / protection**

The college has taken initiative steps to keep the college campus environment friendly.

#### **7.4.1. Energy conservation**

The transparent window facilitates the maximum utilization of natural light source in all the rooms. The traditional lighting systems are replaced with CFL & LED lighting system.



Students, Faculty and Staff members are always ensure the electrical equipment “Switched off” when not in use. Encouraging the staff members and students to use staircases whenever it possible to minimize the use of elevator. Solar energy used in the parking areas and other areas.

#### **7.4.2. Use of renewable energy**

Solar energy used in the parking areas and other areas. The college has bio-methanation reactor to minimize the LPG usage. Windmill power generation is installed through students’ project.

#### **7.4.3. Water harvesting**

The college has adequate facilities to collect the rain water to increase the ground water level.

#### **7.4.4. Efforts for carbon neutrality**

The college has made adequate arrangements for the parking of vehicles. Emission test certificates are mandatory for the vehicles in the campus. Cigarettes and tobacco products are strictly banned within 100 meters of the campus. Majority of the students are utilizing the college transportation facilities to minimize the individual transportation.

#### **7.4.5. Plantation**

The college organizes NSS camp periodically to inculcate the values of plantation among the students, faculties and public. Our Institution is part of the “Green Kalam Project” and to create green campus, saplings have been planted.

#### **7.4.6. Effluent treatment and recycling plant**

A well-equipped sewage water treatment plant was installed to treat waste water from the Institution.

### **7.5 Whether environmental audit was conducted?**

The students, faculty and staff members are encouraged by the NSS unit to keep the campus always green by planting more trees. Though there is no formal green audit system, the entire building of the institution is designed by the architect in considering the maximum utilization of natural resources such as Light and Air and very well ventilated.

### **7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)**

#### **Faculty Academic Contributions towards Excellence (FACE) & Credit Target (FACT)**

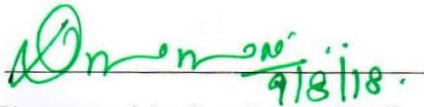
To enhance the Research & Development and other promotional activities, our faculty members have been given with the target for the semester based on their experience which includes journal publications, International conference, and Industry collaboration and so on. Like self-assessment, at the end of the semester, faculty contribution will be assessed based on their achieved credit which motivates them to attain more in future.

### **8. Plans of institution for next year**

- To tie-up with premier academic institutions and local industries for enhanced exposure
- To organize workshops and conferences by collaborating with Industries
- The college has planned to build Alumni centres in important cities in India and Abroad
- Initiate to launch programs for aptitude/Psychological & technical test for PG/UG final year students. This may include personality development workshops, follows up session and group discussion, group counselling.
- To establish Virtual laboratories for different practical labs
- To seek approvals for additional professional courses so as to meet the demands of changing industrial scenario
- The college would like to start remedial classes for weaker students & enrichment programmes for brilliant students
- To establish smart classrooms in all departments to take teaching learning process to new heights

- College would like to start professional coaching classes for girls: exams like GATE, GRE GMATE, UPSC, TNPSC etc.
- College would like to establish hobbies club for student to enrich their self confidence
- College wishes to enhance the students and faculty knowledge through procurement of additional online journals other than inflibnet for creating conducive atmosphere to support research
- College is planning to start monthly newsletter in future
- College is planning to adopt a village nearby to Namakkal District
- College is planning to start German, Japanese and Hindi language class to enhance students to pursue higher studies at National/International level and also to improve the International placements

Name Dr. C. DHAYAMANI



Signature of the Coordinator, IQAC

Name Dr. M. MADHESWARAN



Signature of the Chairperson, IQAC

**Dr. M. MADHESWARAN**  
M.E., Ph.D., MBA., (Ph.D),  
PRINCIPAL  
MAHENDRA ENGINEERING COLLEGE  
(AUTONOMOUS)  
MAHENDHIRAPURI, NAMAKKAL DT – 637 503.

**ANNEXURE –I**

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



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विराजविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

# *Certificate of Accreditation*

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

*Date : July 10, 2014*



*Anasudhai  
Director*

EC/SC/02/A&A/130



## राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

An Autonomous Institution of the University Grants Commission

# Quality Profile

Name of the Institution : Mahendra Engineering College (Autonomous)

Place : Mallasamudram (W), Namakkal, Tamil Nadu

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

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

Grade = **A**

Descriptor = **VERY GOOD**

Date : July 10, 2014



*Anwarul Karim*  
Director

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

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



अशोक कुमार डोगरा  
Ashok K. Dogra

संयुक्त सचिव  
Joint Secretary



दूरभाष PHONE : कार्यालय OFF : 23232055  
फैक्स FAX : 23219716

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

BY SPEED POST

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

Jan. 2013

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

17 JAN 2013

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

Sir,

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

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

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

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

Yours faithfully,

(A.K. Dogra)

Contd..

UGC  
Autonomous  
File  
10/01/2013

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

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



ज्ञान-विज्ञान विमुक्तये  
SPEED POST

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

1629 / 20/3/12  
524  
March, 2012

16 MAR 2012

The Registrar,  
Anna University of Technology,  
Mettupalayam Road, Jothipuram Post,  
Coimbatore – 641 047,  
**Tamil Nadu.**

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

Sir,

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

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

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

Yours faithfully,

(M.K. Rewari)  
Under Secretary

Copy to:-

- To  
Ugc  
20/3/12  
20/3/12
- ✓ The Principal, Mahendra Engineering College, Mahendhirapuri, Mallasamudram (W), Tiruchengode (Tk), Namakkal Dist. – 637 503, (Tamil Nadu).
  2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary Education & Higher Education, Shastri Bhavan, New Delhi – 110 001.
  3. The Secretary, Higher Education Deptt., Government of Tamilnadu, Secretariat, Chennai – 600 009, (Tamil Nadu).
  4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
  5. Publication Officer (Website-UGC), New Delhi.
  6. Section Officer (F.D.-III Section), U.G.C., New Delhi
  7. All Sections, U.G.C, New Delhi.
  8. Guard file.

(Sunita Gulati)  
Section Officer



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

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

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

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



B. L. No: 508  
Date: 23/2/15  
विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002  
UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

February, 2015

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

Sir,

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

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

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

Yours faithfully,

(Charan Dass)  
Under Secretary

Copy to:-

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

(Sunita Khanna)  
Section Officer

# ***ANNEXURE –II***

## **Academic Calendar 2017-18**

### **Extract of Working days**

**MAHENDRA ENGINEERING COLLEGES, MAHENDHIRAPURI, NAMAKKAL DT-637 503,**  
(From June 2017- September 2017) Academic Calendar 2017 - 2018

CWD	Day	Date	Students	Faculty	Admin	Academic Events	CWD	Day	Date	Students	Faculty	Admin	Academic Events
1	Thu	01.06.17					48	Tue	01.08.17				
2	Fri	02.06.17					49	Wed	02.08.17				
-	Sat	03.06.17	Holiday	Holiday		Holiday	50	Thu	03.08.17				
-	Sun	04.06.17	Holiday	Holiday	Holiday	Holiday	51	Fri	04.08.17				
3	Mon	05.06.17					-	Sat	05.08.17	Holiday	Holiday		Holiday
4	Tue	06.06.17					-	Sun	06.08.17	Holiday	Holiday	Holiday	Holiday
5	Wed	07.06.17					52	Mon	07.08.17				
6	Thu	08.06.17					53	Tue	08.08.17				
7	Fri	09.06.17					54	Wed	09.08.17				
8	Sat	10.06.17	Holiday				55	Thu	10.08.17				
-	Sun	11.06.17	Holiday	Holiday	Holiday	Holiday	56	Fri	11.08.17				
9	Mon	12.06.17					57	Sat	12.08.17	Holiday			
10	Tue	13.06.17					-	Sun	13.08.17	Holiday	Holiday	Holiday	Holiday
11	Wed	14.06.17					-	Mon	14.08.17	Holiday	Holiday	Holiday	Krishna Jayanthi
12	Thu	15.06.17					58	Tue	15.08.17	Holiday			Independence Day
13	Fri	16.06.17					59	Wed	16.08.17				
-	Sat	17.06.17	Holiday	Holiday		Holiday	60	Thu	17.08.17				
-	Sun	18.06.17	Holiday	Holiday	Holiday	Holiday	61	Fri	18.08.17				
14	Mon	19.06.17					62	Sat	19.08.17	Holiday			
15	Tue	20.06.17					-	Sun	20.08.17	Holiday	Holiday	Holiday	Holiday
16	Wed	21.06.17					63	Mon	21.08.17				
17	Thu	22.06.17					64	Tue	22.08.17				
18	Fri	23.06.17					65	Wed	23.08.17				
19	Sat	24.06.17	Holiday				66	Thu	24.08.17				
-	Sun	25.06.17	Holiday	Holiday	Holiday	Holiday	-	Fri	25.08.17	Holiday	Holiday	Holiday	Vasugan Chaturthi
-	Mon	26.06.17	Holiday	Holiday	Holiday	Ramzan	-	Sat	26.08.17	Holiday	Holiday	Holiday	Holiday
20	Tue	27.06.17					-	Sun	27.08.17	Holiday	Holiday	Holiday	Holiday
21	Wed	28.06.17					67	Mon	28.08.17				
22	Thu	29.06.17					68	Tue	29.08.17				
23	Fri	30.06.17					69	Wed	30.08.17				
-	Sat	01.07.17	Holiday	Holiday		Holiday	70	Thu	31.08.17				
-	Sun	02.07.17	Holiday	Holiday	Holiday	Holiday	71	Fri	01.09.17				
24	Mon	03.07.17					-	Sat	02.09.17	Holiday	Holiday	Holiday	Bakrid
25	Tue	04.07.17					-	Sun	03.09.17	Holiday	Holiday	Holiday	Holiday
26	Wed	05.07.17					72	Mon	04.09.17				
27	Thu	06.07.17					73	Tue	05.09.17				
28	Fri	07.07.17					74	Wed	06.09.17				
29	Sat	08.07.17	Holiday				75	Thu	07.09.17				
-	Sun	09.07.17	Holiday	Holiday	Holiday	Holiday	76	Fri	08.09.17				
30	Mon	10.07.17					77	Sat	09.09.17	Holiday			
31	Tue	11.07.17					-	Sun	10.09.17	Holiday	Holiday	Holiday	Holiday
32	Wed	12.07.17					78	Mon	11.09.17				
33	Thu	13.07.17					79	Tue	12.09.17				
34	Fri	14.07.17					80	Wed	13.09.17				
-	Sat	15.07.17	Holiday	Holiday		Holiday	81	Thu	14.09.17				
-	Sun	16.07.17	Holiday	Holiday	Holiday	Holiday	82	Fri	15.09.17				
35	Mon	17.07.17					-	Sat	16.09.17	Holiday	Holiday	Holiday	Holiday
36	Tue	18.07.17					-	Sun	17.09.17	Holiday	Holiday	Holiday	Holiday
37	Wed	19.07.17					83	Mon	18.09.17				
38	Thu	20.07.17					84	Tue	19.09.17				
39	Fri	21.07.17					85	Wed	20.09.17				
40	Sat	22.07.17	Holiday				86	Thu	21.09.17				
-	Sun	23.07.17	Holiday	Holiday	Holiday	Holiday	87	Fri	22.09.17				
41	Mon	24.07.17					88	Sat	23.09.17	Holiday			
42	Tue	25.07.17					-	Sun	24.09.17	Holiday	Holiday	Holiday	Holiday
43	Wed	26.07.17					89	Mon	25.09.17				
44	Thu	27.07.17					90	Tue	26.09.17				
45	Fri	28.07.17					91	Wed	27.09.17				
46	Sat	29.07.17	Holiday				92	Thu	28.09.17				
-	Sun	30.07.17	Holiday	Holiday	Holiday	Holiday	-	Fri	29.09.17	Holiday	Holiday	Holiday	Ayudha Pooja
47	Mon	31.07.17					-	Sat	30.09.17	Holiday	Holiday	Holiday	Vigaya Dasami



(From October 2017- January 2018)

Academic Calendar 2017 - 2018

CWD	Day	Date	Students	Faculty	Admin	Academic Events	CWD	Day	Date	Students	Faculty	Admin	Academic Events
-	Sun	01.10.17	Holiday	Holiday	Holiday	Muharom	-	Fri	01.12.17	Holiday	Holiday	Holiday	Milad Un Nabi
-	Mon	02.10.17	Holiday	Holiday	Holiday	Gandhi Jayanthi	-	Sat	02.12.17	Holiday	Holiday	Holiday	Holiday
93	Tue	03.10.17					-	Sun	03.12.17	Holiday	Holiday	Holiday	Holiday
94	Wed	04.10.17					139	Mon	04.12.17				
95	Thu	05.10.17					140	Tue	05.12.17				
96	Fri	06.10.17					141	Wed	06.12.17				
97	Sat	07.10.17	Holiday				142	Thu	07.12.17				
-	Sun	08.10.17	Holiday	Holiday	Holiday	Holiday	143	Fri	08.12.17				
98	Mon	09.10.17					144	Sat	09.12.17	Holiday			
99	Tue	10.10.17					-	Sun	10.12.17	Holiday	Holiday	Holiday	Holiday
100	Wed	11.10.17					145	Mon	11.12.17				
101	Thu	12.10.17					146	Tue	12.12.17				
102	Fri	13.10.17					147	Wed	13.12.17				
103	Sat	14.10.17	Holiday				148	Thu	14.12.17				
-	Sun	15.10.17	Holiday	Holiday	Holiday	Holiday	149	Fri	15.12.17				
104	Mon	16.10.17					-	Sat	16.12.17	Holiday	Holiday	Holiday	Holiday
-	Tue	17.10.17	Holiday	Holiday	Holiday	Holiday	-	Sun	17.12.17	Holiday	Holiday	Holiday	Holiday
-	Wed	18.10.17	Holiday	Holiday	Holiday	Deepavali	150	Mon	18.12.17				
-	Thu	19.10.17	Holiday	Holiday	Holiday	Holiday	151	Tue	19.12.17				
105	Fri	20.10.17	Holiday				152	Wed	20.12.17				
106	Sat	21.10.17	Holiday				153	Thu	21.12.17				
-	Sun	22.10.17	Holiday	Holiday	Holiday	Holiday	154	Fri	22.12.17				
107	Mon	23.10.17					155	Sat	23.12.17	Holiday			
108	Tue	24.10.17					-	Sun	24.12.17	Holiday	Holiday	Holiday	Holiday
109	Wed	25.10.17					-	Mon	25.12.17	Holiday	Holiday	Holiday	Christmas
110	Thu	26.10.17					156	Tue	26.12.17				
111	Fri	27.10.17					157	Wed	27.12.17				
112	Sat	28.10.17	Holiday				158	Thu	28.12.17				
-	Sun	29.10.17	Holiday	Holiday	Holiday	Holiday	159	Fri	29.12.17				
113	Mon	30.10.17					-	Sat	30.12.17	Holiday	Holiday	Holiday	Holiday
114	Tue	31.10.17					-	Sun	31.12.17	Holiday	Holiday	Holiday	Holiday
115	Wed	01.11.17					-	Mon	01.01.18	Holiday	Holiday	Holiday	New Year
116	Thu	02.11.17					160	Tue	02.01.18				
117	Fri	03.11.17					161	Wed	03.01.18				
-	Sat	04.11.17	Holiday	Holiday	Holiday	Holiday	162	Thu	04.01.18				
-	Sun	05.11.17	Holiday	Holiday	Holiday	Holiday	163	Fri	05.01.18				
118	Mon	06.11.17					164	Sat	06.01.18	Holiday			
119	Tue	07.11.17					-	Sun	07.01.18	Holiday	Holiday	Holiday	Holiday
120	Wed	08.11.17					165	Mon	08.01.18				
121	Thu	09.11.17					166	Tue	09.01.18				
122	Fri	10.11.17					167	Wed	10.01.18				
123	Sat	11.11.17	Holiday				168	Thu	11.01.18				
-	Sun	12.11.17	Holiday	Holiday	Holiday	Holiday	169	Fri	12.01.18				
124	Mon	13.11.17					-	Sat	13.01.18	Holiday	Holiday	Holiday	Boli Pongal
125	Tue	14.11.17					-	Sun	14.01.18	Holiday	Holiday	Holiday	Thai Pongal
126	Wed	15.11.17					-	Mon	15.01.18	Holiday	Holiday	Holiday	Thiruvallavar Day
127	Thu	16.11.17					-	Tue	16.01.18	Holiday	Holiday	Holiday	Uthavar Thiruvai
128	Fri	17.11.17					170	Wed	17.01.18				
-	Sat	18.11.17	Holiday	Holiday	Holiday	Holiday	171	Thu	18.01.18				
-	Sun	19.11.17	Holiday	Holiday	Holiday	Holiday	172	Fri	19.01.18				
129	Mon	20.11.17					173	Sat	20.01.18	Holiday			
130	Tue	21.11.17					-	Sun	21.01.18	Holiday	Holiday	Holiday	Holiday
131	Wed	22.11.17					174	Mon	22.01.18				
132	Thu	23.11.17					175	Tue	23.01.18				
133	Fri	24.11.17					176	Wed	24.01.18				
134	Sat	25.11.17	Holiday				177	Thu	25.01.18				
-	Sun	26.11.17	Holiday	Holiday	Holiday	Holiday	178	Fri	26.01.18	Holiday			Republic Day
135	Mon	27.11.17					-	Sat	27.01.18	Holiday	Holiday	Holiday	Holiday
136	Tue	28.11.17					-	Sun	28.01.18	Holiday	Holiday	Holiday	Holiday
137	Wed	29.11.17					179	Mon	29.01.18				
138	Thu	30.11.17					180	Tue	30.01.18				
							181	Wed	31.01.18				

CWD: Cumulative Working Days

(From February 2018 - May 2018)							Academic Calendar 2017 - 2018						
CWD	Day	Date	Students	Faculty	Admin	Academic Events	CWD	Day	Date	Students	Faculty	Admin	Academic Events
182	Thu	01.02.18					-	Sun	01.02.18	Holiday	Holiday	Holiday	Holiday
183	Fri	02.02.18					228	Mon	02.04.18				
-	Sat	03.02.18	Holiday	Holiday	Holiday	Holiday	229	Tue	03.04.18				
-	Sun	04.02.18	Holiday	Holiday	Holiday	Holiday	230	Wed	04.04.18				
184	Mon	05.02.18					231	Thu	05.04.18				
185	Tue	06.02.18					232	Fri	06.04.18				
186	Wed	07.02.18					-	Sat	07.04.18	Holiday	Holiday	Holiday	Holiday
187	Thu	08.02.18					-	Sun	08.04.18	Holiday	Holiday	Holiday	Holiday
188	Fri	09.02.18					233	Mon	09.04.18				
189	Sat	10.02.18	Holiday				234	Tue	10.04.18				
-	Sun	11.02.18	Holiday	Holiday	Holiday	Holiday	235	Wed	11.04.18				
190	Mon	12.02.18					236	Thu	12.04.18				
191	Tue	13.02.18					237	Fri	13.04.18				
192	Wed	14.02.18					-	Sat	14.04.18	Holiday	Holiday	Holiday	Tamil New Year
193	Thu	15.02.18					-	Sun	15.04.18	Holiday	Holiday	Holiday	Holiday
194	Fri	16.02.18					238	Mon	16.04.18				
-	Sat	17.02.18	Holiday	Holiday	Holiday	Holiday	239	Tue	17.04.18				
-	Sun	18.02.18	Holiday	Holiday	Holiday	Holiday	240	Wed	18.04.18				
195	Mon	19.02.18					241	Thu	19.04.18				
196	Tue	20.02.18					242	Fri	20.04.18				
197	Wed	21.02.18					-	Sat	21.04.18	Holiday	Holiday		Holiday
198	Thu	22.02.18					-	Sun	22.04.18	Holiday	Holiday	Holiday	Holiday
199	Fri	23.02.18					243	Mon	23.04.18				
200	Sat	24.02.18	Holiday				244	Tue	24.04.18				
-	Sun	25.02.18	Holiday	Holiday	Holiday	Holiday	245	Wed	25.04.18				
201	Mon	26.02.18					246	Thu	26.04.18				
202	Tue	27.02.18					247	Fri	27.04.18				
203	Wed	28.02.18					248	Sat	28.04.18	Holiday			
204	Thu	01.03.18					-	Sun	29.04.18	Holiday	Holiday	Holiday	Holiday
205	Fri	02.03.18					249	Mon	30.04.18				
-	Sat	03.03.18	Holiday	Holiday	Holiday	Holiday	-	Tue	01.05.18	Holiday	Holiday	Holiday	May Day
-	Sun	04.03.18	Holiday	Holiday	Holiday	Holiday	250	Wed	02.05.18				
206	Mon	05.03.18					251	Thu	03.05.18				
207	Tue	06.03.18					252	Fri	04.05.18				
208	Wed	07.03.18					-	Sat	05.05.18	Holiday	Holiday		Holiday
209	Thu	08.03.18					-	Sun	06.05.18	Holiday	Holiday	Holiday	Holiday
210	Fri	09.03.18					253	Mon	07.05.18				
211	Sat	10.03.18	Holiday				254	Tue	08.05.18				
-	Sun	11.03.18	Holiday	Holiday	Holiday	Holiday	255	Wed	09.05.18				
212	Mon	12.03.18					256	Thu	10.05.18				
213	Tue	13.03.18					257	Fri	11.05.18				
214	Wed	14.03.18					258	Sat	12.05.18	Holiday			
215	Thu	15.03.18					-	Sun	13.05.18	Holiday	Holiday	Holiday	Holiday
216	Fri	16.03.18					259	Mon	14.05.18				
-	Sat	17.03.18	Holiday	Holiday	Holiday	Holiday	260	Tue	15.05.18				
-	Sun	18.03.18	Holiday	Holiday	Holiday	Holiday	261	Wed	16.05.18				
217	Mon	19.03.18					262	Thu	17.05.18				
218	Tue	20.03.18					263	Fri	18.05.18				
219	Wed	21.03.18					-	Sat	19.05.18	Holiday	Holiday		Holiday
220	Thu	22.03.18					-	Sun	20.05.18	Holiday	Holiday	Holiday	Holiday
221	Fri	23.03.18					264	Mon	21.05.18				
222	Sat	24.03.18	Holiday				265	Tue	22.05.18				
-	Sun	25.03.18	Holiday	Holiday	Holiday	Holiday	266	Wed	23.05.18				
223	Mon	26.03.18					267	Thu	24.05.18				
224	Tue	27.03.18					268	Fri	25.05.18				
225	Wed	28.03.18					269	Sat	26.05.18	Holiday			
-	Thu	29.03.18	Holiday	Holiday	Holiday	Telugu New year	-	Sun	27.05.18	Holiday	Holiday	Holiday	Holiday
226	Fri	30.03.18					270	Mon	28.05.18				
227	Sat	31.03.18	Holiday				271	Tue	29.05.18				
-							272	Wed	30.05.18				
							273	Thu	31.05.18				

CWD: Cumulative Working Days

# **Annexure – III**

## **Innovation and Best Practices**

## Certificate of Completion

Introduction to district energy

09-MAR-2018

RAGURAM R.R

---

\*\* This is a computer-generated certificate and does not require signature and stamp.

Serial Number: 100-918-10087  
Issue Date: February 07, 2018  
Expiration Date: February 06, 2021

NI CUSTOMER EDUCATION

# Certification

## Swetha Munisamy

Has successfully completed all requirements and is now granted the title of:



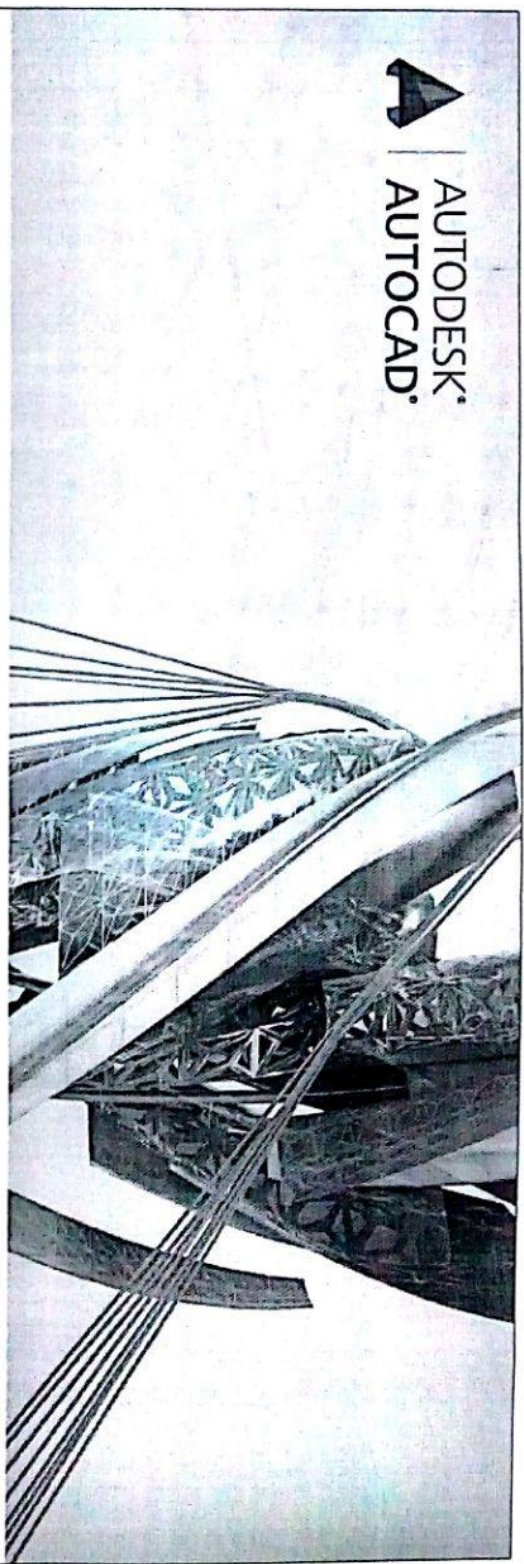
Certified  
LabVIEW Developer  
National Instruments

A handwritten signature in black ink, appearing to read "Alex Davern".

Alex Davern  
President and CEO  
National Instruments







**Certified User**

In recognition of a commitment to professional excellence, this certifies that

**ELANGOVAN B**

has successfully completed the program requirements of

**Autodesk Certified User:  
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October 23, 2017

Date

Carl Bass  
President, Chief Executive Officer

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**MAHENDRA ENGINEERING COLLEGE  
(AUTONOMOUS)**

Mahendhirapuri, Mallasamudram, Namakkal DT -637 503.



Ref.No: MEC/Admin/ Indel 04/ 2018

Date: 27.2.18

**InDeL -Schedule for the month of March 2018**

Sl. No.	Date	InDeL Lecture Number	Faculty Name	Designation & Department	Seminar to be delivered in the Department
1.	01.03.18	180301	Mr.L.Periyannan	AP/Mech	Aero
2.	/Thursday	180302	K.R.Shangeetha	AP/Maths	Civil
3.	02. .03.18	180303	Mr.S.Sankar	AP/MAE	CSE
4.	/Friday	180304	Mr.Anand.S	AP/IT	MAE
5.	05.03.18	180305	Mr.S.Kalaiyaran	AP/EIE	Mech
6.	/Monday	180306	Mr.J.R.Vinodkumar	AP/Mech	ECE
7.	06.03.18	180307	Mr.Boopalan	AP/EEE	Mech
8.	/Tuesday	180308	Mr.M.Venkatachalam	AP/Physics	MAE
9.	07.03.18	180309	Mr.C.Karthick	AP/ECE	MCT
10.	/Wednesday	180310	T. Sujirtha	AP/Maths	MCA
11.	08.03.18	180311	Mr.S.Saravanakumar	AP/Agri	MBA
12.	/Thursday	180312	Mr.S.Sakthivel	AP/English	Civil
13.	09.03.18	180313	Mr.M.Arun	AP/Civil	CSE
14.	/Friday	180314	Mrs.T.Mythili	AP/Aero	MBA
15.	12.03.18	180315	Mr.V.Sugan	AP/Mech	EEE
16.	/Monday	180316	Ms. A.Sankari Devi	AP/MCA	MCT
17.	13.03.18	180317	Dr.Sumathi	ASP/EEE	Aero
18.	/Tuesday	180318	Mr.M.Ravikumar	AP/Maths	Civil
19.	14.03.18	180319	Mr.K.P.Srinivasaperumal	AP/Mech	CSE
20.	/Wednesday	180320	Mr.V. Subramaniyan	AP/Maths	IT
21.	15.03.18	180321	Mr.P.C.Sivakumar	AP/EEE	Mech
22.	/Thursday	180322	Mrs.G.Mohana Priya	AP/Aero	EIE
23.	16.03.18	180323	Ms.Bhuvaneswari.B	AP/IT	MAE
24.	/Friday	180324	Mr.J.Prabhakaran	AP/EEE	Mech
25.	19.03.18	180325	Mr.G.Boopathy	AP/Mech	ECE
26.	/Monday	180326	Mrs.A.Umamaheswari	AP/CSE	EIE
27.	20.03.18	180327	Dr.P.R.Kannan	ASP/MAE	EEE
28.	/Tuesday	180328	Mr.C.Senthilkumar	AP/Civil	CSE
29.	21.03.18	180329	Dr.P.Ramya	ASP/CSE	Agri
30.	/Wednesday	180330	Ms.N.Revathi	AP/Civil	ECE
31.	22.03.18	180331	Dr.Neela Madheswari	ASP/CSE	Agri
32.	/Thursday	180332	Mr.Dharmalingam	AP/EEE	Agri
33.	23.03.18	180333	Ms.G.Gayathri	AP/ECE	CSE
34.	/Friday	180334	Ms.S.Aiswarya	AP/EIE	Mech

Principal

For Kind Information:-

Honourable Chairman

Managing Directors

Information to:-

Executive Director

Copy to:-

Deans- Mechanical, COE, Director - R&D

HODS- All the Departments (To inform the Staff)

EO. AO, AC, File





**MAHENDRA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**

**Mahendhirapuri, Mallasamudram, Namakkal DT -637 503.**

Ref.No: MEC/PRI.Office/ 015/Feb 2018

Date: 28.02.2018

**CIRCULAR**

**Mahendra Students' TechTalk Series ( MaSTS)**

**Venue: TLC-5 :**

Time: 5<sup>th</sup> Period (Circuit Branches)

:7<sup>th</sup> Period (Non Circuit Branches)

**The Coordinators are**

- Dr.P.Ramya – ASP –Computer Science and Engineering (Circuit Branches)
- Dr.K.Rajkumar – Prof – Mechanical Engineering (Non Circuit Branches).

The schedule for the MaSTS for **March 2018** is given below. The list of Students for participation in the Techtalk Series can be sent to the coordinators.

**Schedule for the month of March 2018**

S.No	Date / Day	MaSTS	Name of the Speaker	Dept	Year	Circuit/Non Circuit	Period
1.	01.03.2018 / Thursday	MaST#175	A.ANITHA	EEE	II	Circuit	5
		MaST#176	N.DHANALAKSHMI	IT	III		
		MaST#177	ASWIN	MCT	III	Non Circuit	7
		MaST#178	S.NANDHUPRIA	Aero	II		
2.	05.03.2018 / Monday	MaST#179	A.VIGNESH	CSE	III	Circuit	5
		MaST#180	V.SABARI KRISHNAN	ECE	II		
		MaST#181	G.POOVARASAN	Civil	III	Non Circuit	7
		MaST#182	P.RAMAN	Agri	III		
3.	06.03.2018 / Tuesday	MaST#183	B.VIKRAM CHAKRAVARTHY	IT	III	Circuit	5
		MaST#184	D.SHARMILA	ECE	II		
		MaST#185	M.BALASUBRAMANI	MAE	II	Non Circuit	7
		MaST#186	ARUN ADITHIYA	Mech	III		
4.	07.03.2018 / Wednesday	MaST#187	B.VIGNESH	CSE	III	Circuit	5
		MaST#188	T.MEENA	EEE	II		
		MaST#189	AZHAGARASAN	MCT	III	Non Circuit	7
		MaST#190	K.TAMILSELVI	AERO	II		
5.	08.03.2018 / Thursday	MaST#191	M.BALA CHANDAR	IT	II	Circuit	5
		MaST#192	S.KRISHNARAJ	EIE	III		
		MaST#193	V.S.PRAGADEESWAR	Civil	III	Non Circuit	7
		MaST#194	M.KARTHIGA	Agri	III		
6	09.03.2018 / Friday	MaST#195	K.CHANDRU	ECE	III	Circuit	5
		MaST#196	G.DINESH	CSE	III		
		MaST#197	GEEMON GEORGE	MAE	II	Non Circuit	7
		MaST#198	M.NANDHAKUMAR	MECH	III		

7	15.03.2018 / Thursday	MaST#199	R.MYTHILI	EEE	III	Circuit	5
		MaST#200	G.KALAI MATHI	IT	II		
		MaST#201	DEVAPRIAN	MCT	III	Non Circuit	7
		MaST#202	S.VISHNU	AERO	II		
8	16.03.2018 / Friday	MaST#203	M MUHAMMED AJSHEL	EIE	III	Circuit	5
		MaST#204	B.VENKATA RAMA CHANDRAN	CSE	II		
		MaST#205	R.MANOJKUMAR	Civil	III	Non Circuit	7
		MaST#206	R.SIBIYA	Agri	III		
9	19.03.2018 / Monday	MaST#207	N.PRABU	CSE	II	Circuit	5
		MaST#208	V.S.GNANA PRAKASH	EEE	II		
		MaST#209	T.MANOJ	MAE	II	Non Circuit	7
		MaST#210	S.NANDHAKUMAR	MECH	III		
10	20.03.2018 / Tuesday	MaST#211	G.GOKULRAJ	EEE	II	Circuit	5
		MaST#212	M.PRABAKARAN	IT	III		
		MaST#213	DHIVAKAR	MCT	III	Non Circuit	7
		MaST#214	M.GUNSEKARAN	AERO	II		
11	21.03.2018 / Wednesday	MaST#215	C.BOOPATHY	ECE	III	Circuit	5
		MaST#216	K.GOWTHAM	CSE	III		
		MaST#217	C.SANKAR	Civil	III	Non Circuit	7
		MaST#218	K.GUNASEELAN	Agri	III		
12	22.03.2018 / Thursday	MaST#219	M DHIVYA	ECE	III	Circuit	5
		MaST#220	G.SURIYAMOORTHY	EIE	III		
		MaST#221	V.K AGHIL	MAE	III	Non Circuit	7
		MaST#222	R.SNARAYANAN	MECH	III		
13	23.03.2018 / Friday	MaST#223	P.KUMARAVEL	EEE	II	Circuit	5
		MaST#224	E.ELANCHELIYAN	ECE	III		
		MaST#225	DINESH	MCT	III	Non Circuit	7
		MaST#226	M.GUNSEKARAN	AERO	II		

Principal

**For Kind Information:-**

Honourable Chairman

Managing Directors

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Executive Director

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Date 12/12/17

Key Speaker - 1

Lalitha bhaskar/w. B. [III<sup>rd</sup> yr - Mechanical]  
 Title: Wireless power transmission.

Key Speaker - 2

T. Karim kumar [I<sup>st</sup> year - Mech & Automation]  
 Title: CNC machine.

Sl. No	Name	Year / Dept	Signature
1	V. Gowsick	3 <sup>rd</sup> yr MAE	V. Gowsick
2	K.B. Praveen chand	III <sup>rd</sup> yr "	K.B. Praveen chand
3	P. Sivapriya	"	P. Sivapriya
4	P. Balakrishnan	"	P. Balakrishnan
5	G. Muthuraman	III <sup>rd</sup> yr, MAE	G. Muthuraman
6	S. AJAY	II <sup>nd</sup> year MAE	S. AJAY
7	M. Prabhu	II <sup>nd</sup> year MAE	M. Prabhu
8	S. Elavarasan	"	S. Elavarasan
9	MUHAMMED ANAS-U	III <sup>rd</sup> yr MAE	MUHAMMED ANAS-U
10	Akhil G.	"	Akhil G.
11	Sunjid marakkay	III <sup>rd</sup> yr Mechanical	Sunjid marakkay
12	Shainsha	III <sup>rd</sup> yr MAE	Shainsha
13	R. Ajith Kumar	III <sup>rd</sup> yr - Mech	R. Ajith Kumar
14	S. Manikandan	III <sup>rd</sup> yr. Mech	S. Manikandan
15	M. K. Pratheep	II <sup>nd</sup> year - Mec	M. K. Pratheep
16	Sshannuganathan	II <sup>nd</sup> year MCT	S. Shannuganathan
17	Prabath .v	II <sup>nd</sup> year MCT	Prabath .v
18	Shanesh Ch	III <sup>rd</sup> year MAE	Shanesh Ch



# MAHENDRA ENGINEERING COLLEGE

Autonomous | NAAC 'A' Grade | ISO Certified

Salem - Tiruchengode highway, Mahendhirapuri, Mallasamudram, Namakkal Dt. - 637 503. Tamilnadu, INDIA.



## Industrial Co-Teaching Courses

# ICOT

Courses

### MOTTO

To enhance the technical knowledge of the students in addition to curriculum for industry needs.

**NO COURSE FEE**

### PREAMBLE

Industrial Co-Teaching Courses are designed to facilitate the transfer of knowledge to the students by educating them with the support of industries. The content of the courses are derived in consultation with the industry experts. In general, the courses have three modules and the interested students can register one module per semester. The important aspect of the ICOT courses is to ensure that the advanced learning is happening in the area of interest which is offered by their department and other departments. The mentors will support the registered students to excel in the particular module with the learning content.

### ELIGIBILITY

VI, VII & VIII Sem B.E. / B.Tech

II, III & IV Sem ME & MBA

IV, V & VI Sem MCA

**Students with more than 7.0 CGPA and no standing arrears**

The registered students are expected to satisfy the following criteria to get the ICOT course completion certificate signed by the institution and industry authorities.

- ⊕ One technical paper presentation in the area related to the particular module
- ⊕ Minimum of two visits to supporting industry and report submission
- ⊕ Passing the examination conducted on the particular module

**CONVENOR: Dr. M. Madheswaran, Principal**

**MODERATOR: Dr. S. Sumathi, Associate Professor, Dept. of EEE**

COURSE CODE	COURSE NAME	OFFERING DEPARTMENT	SUPPORTING ORGANIZATION	COURSE CO-ORDINATOR
ICoT1501	Non-Destructive Techniques	Aero	Trinity Institute of NDT Technology, Chennai	Dr. C. Dhavamani
ICoT1502	Green Building Technologies	Civil	Sigaram Constructions PVT.Ltd, Erode & Dimensions Structural Design, Che	Dr. K. Vidhya
ICoT1503	Big Data Technologies	CSE	Infosys Limited, Chennai	Dr. R. Neela Madheswari
ICoT1504	Automotive Electronics	ECE	Jasmin Info Tech pvt. Ltd., Chennai	Dr. N. Shanmugasundaram
ICoT1505	Green Energy Technologies	EEE	Mangla Smart Energy Solutions Pvt. Ltd., Tirupur	Dr. P. Sureshkumar
ICoT1506	Internet of Things (IoT)	IT	Foundation for Innovation and Collaborative Education, Bangalore	Dr. R.P. Ramkumar
ICoT1507	MEMS Technology	Mech & Auto	Firstcall Automation Pvt. Ltd., Madurai	Dr. P. Saravanan
ICoT1508	Lean Manufacturing	Mechanical	ELGi Equipments Limited, Coimbatore	Dr. S. Balamurugan
ICoT1509	Strategic Management	MBA	Fibro Products, Salem	Dr. N. Suganthi





# MAHENDRA ENGINEERING COLLEGE



(AUTONOMOUS)

Mallasamudram, Namakkal District, Tamil Nadu - 637 503

## Industrial Co-Teaching (ICoT) Course Completion Certificate

C.No. : ICoT\_\_\_\_\_

*This is to certify that Mr./Ms. \_\_\_\_\_  
of \_\_\_\_\_ has successfully  
completed the Industrial Co-Teaching(ICoT) course on “Mems Technology -  
Fabrication Process (Module I)” organized by the Department of Mechanical and  
Automation Engineering with the support of M/S Firstcall Automation Private Limited,  
Madurai during January 2017 - June 2017 .*

*He/ She has appeared for the examination conducted on 10<sup>th</sup> November, 2017  
and obtained \_\_\_\_\_ grade*

**Dr. N. Viswanathan**  
Controller of Examination

**Er. Mohanraj**  
Managing Director,  
Firstcall Automation Private Limited, Madurai  
(Participating Industry)

**Dr. M. Madheswaran**  
Principal



**MAHENDRA ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
MAHENDHIRAPURI, MALLASAMUDRAM, NAMAKKAL DT -637 503.



Faculty Idea SHaring Forum (FISHing Forum)

2016-17

Name of the faculty			
Designation			
Department			
Title			
Domain			
<b>Idea Details</b> ( Write-up is to be given with elaborate methodology for implementation)	<b>Objectives:</b>		
	<b>Equipments/Materials required:</b>		
	<b>Work Plan( Time Required to Complete):</b>		
	<b>Budget estimation:</b>		
<i>Signature of the faculty</i>		<i>Signature of the HoD</i>	





Alumni Mentor Program

Name of the Student	:	A. VADIVEL
Branch/Year	:	III <sup>rd</sup> Year / MECH and AUTOMATION
Email	:	avadivel619@gmail.com.
Mobile Number	:	8220432814
CGPA	:	8.81
Area of Interest	:	AUTOMATION (PROGRAMMING)
Training attended details	:	IMPLANT TRAINING (TNPSC) SALEM
Summer / winter programme attended	:	PDCA - CATIA
Project details if Any	:	HYPER LOOP TRAIN (MINI PROJECT)
Professional society's membership / activities	:	- Nil -
Any other information	:	HOCKEY PLAYER, WORKSHOP ATTENDED.

*A. Vadivel*  
Signature of the student

\*\*\*\*\*

Alumni Mentor Allocation

Name of the Alumni	:	
Batch / Branch	:	
Company Details	:	
Mobile Number	:	
Email	:	
Contact Details.	:	

# Certificate of Proficiency

C. No: S17-2678  
Date: 23 Jun 2017

This is to certify that

**BHARATH S**

of Mahendra Engineering College, Namakkal bearing ID S778134

has successfully completed all the requirements for

**DATA CENTER VIRTUALIZATION FUNDAMENTALS**

through assessment administered by ICT Academy and

has been awarded **B** Grade.

In association with

**vmware**

B Anbuthambi  
Vice President, ICT Academy



# Certificate of Completion

This is to certify that

**SATHYAMOORTHY.T**

(Roll No.43 ) has successfully completed the

## Foundation Program

under the aegis of the Infosys Campus Connect Program at our institute

Signature and Stamp

Name of \_\_\_\_\_

Head of Institute

Date

09.10.2014





# MAHENDRA ENGINEERING COLLEGE

Autonomous | NAAC 'A' Grade | ISO Certified  
Mallasamudram, Namakkal District, Tamil Nadu - 637503



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

in association with

## ICT Academy




C.No. PS/CSE/080

This is to certify that ~~Mr.~~ / Ms. R. MEENA of \_\_\_\_\_

BE Tlxy CSE has participated in the \_\_\_\_\_

Power Seminar on **"NURTURING THE GRADUATES ON INDUSTRY READINESS"**  
organized by the Department of Computer Science and Engineering on 24<sup>th</sup> February 2018.

  
N. BALA MURALLI,  
Senior Relationship Manager,  
ICT Academy.

  
Dr. M. K. KANNAN  
HOD - Dept. of CSE

  
Dr. M. MADHESWARAN  
Principal

2/15/2018

Alumni Mentor Programme - Reg. - balakrishnan@mahendra.info - Mahendra Engineering College Mail

Mail

COMPOSE

Alumni Mentor Programme - Reg.

Inbox x

Inbox (912)

Starred

Important

Sent Mail

Drafts (42)

Categories

More



**BALAKRISHNAN.K. MEC-AP/AERO**

Mahendra Engineering College Alumni Association, Namakkal. Dear Alumni



**santhosh@eelgrassengineering.com**

to me, Santhosh

Dear Sir,

Thank you for the Email. I hereby Accept to be the Mentor for t

Regards

**Santhosh K**

*Director*

**Eelgrass Engineering Services pvt.Ltd**

**p: 04259242526 m: 9750917064**

**a: S.F.2/304, Bodipalayam Road,Seerapalayam,  
Malumichampatti, Coimbatore-641105.**

**w: [www.eelgrassengineering.com](http://www.eelgrassengineering.com) e: [santhosh@eelgrassengineering.com](mailto:santhosh@eelgrassengineering.com)**

