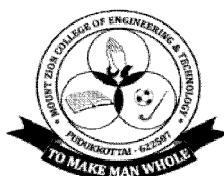


# ANNUAL QUALITY ASSURANCE REPORT 2014-2015

INTERNAL QUALITY ASSURANCE CELL

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL



**Mount Zion College of Engineering and Technology**

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## **Contents**

<b>S. No.</b>	<b>PARTICULARS</b>	<b>Page Nos.</b>
1.	<b>PART – A</b>	
	Details of the Institution	1
	IQAC Composition and Activities	4
2.	<b>PART – B</b>	
	Criterion – I: Curricular Aspects	8
	Criterion – II: Teaching, Learning and Evaluation	9
	Criterion – III: Research, Consultancy and Extension	12
	Criterion – IV: Infrastructure and Learning Resources	16
	Criterion – V: Student Support and Progression	18
	Criterion – VI: Governance, Leadership and Management	21
	Criterion – VII: Innovations and Best Practices	26
3.	<b>ANNEXURES</b>	
	Annexure – I Details of Achievements	29
	Annexure – II Academic Calendar	35
	Annexure – III Best Practices	39
	Annexure – IV Feedback from Stakeholders - Analysis	41

**MOUNTZION COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**The Annual Quality Assurance Report (AQAR) of the IQAC**  
**1<sup>ST</sup> July 2014 to 30<sup>th</sup> June 2015**

Part – A

**AQAR for the year** :

**1. Details of the Institution**

1.1 Name of the Institution :

1.2 Address Line 1 :

Address Line 2 :

City/Town :

State :

Pin Code :

Institution e-mail address :

Contact Nos. :

Name of the Head of the  
Institution :

Tel. No. with STD Code :

Name of the IQAC Co-ordinator :

Mobile :

IQAC e-mail address :

1.3 NAAC Track ID :

1.4 NAAC Executive Committee No.& Date :

1.5 Website address :

Web-link of the AQAR :

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B	2.45	2014	9.12.2019

1.7 Date of Establishment of IQAC :

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2014-15 submitted to NAAC on **08/12/2015**

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 (PhysEdu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

ANNA UNIVERSITY, CHENNAI

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

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

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

(ii) Themes

Dept.	Title
Civil	<ol style="list-style-type: none"> <li>1. National level technical level symposium “CEFESTZ-14”</li> <li>2. One day Seminar on “After Civil”</li> <li>3. One day Seminar on “Recent Trends in Architecture”</li> </ol>
CSE	<ol style="list-style-type: none"> <li>1. One week Technical Workshop on “Cyber Security”</li> <li>2. National Level Technical Symposium “TechQuest’ 15”</li> <li>3. Guest lecture on “Operating System”</li> </ol>
ECE	<ol style="list-style-type: none"> <li>1. One Day Workshop on “Digital Image Processing”</li> <li>2. National Level Technical Symposium “Impetus’ 14”</li> <li>3. One week Workshop on “Embedded systems”</li> </ol>
EEE	<ol style="list-style-type: none"> <li>1. National Level Technical Symposium “ELECTRICKS’ 14”</li> <li>2. Two Week ISTE Workshop on “Control Systems”</li> <li>3. Guest lecture on “Digital Signal Processing”</li> <li>4. Guest Lecture on Electromagnetic theory”</li> </ol>
MECH	<ol style="list-style-type: none"> <li>1. National Level Technical Symposium “MEXTREME-14”</li> <li>2. One day Seminar on “Automation in Mechatronics”</li> </ol>
ALL Departments	<ol style="list-style-type: none"> <li>1. 22<sup>nd</sup> National Children's Science Congress State Meet – 2014</li> <li>2. International Conference on Recent trends in Engineering and Technology</li> <li>3. Faculty Development Programme on Empowering People</li> <li>4. Leadership Development and Motivational Programme For Students</li> <li>5. Entrepreneurship Development Programme (EDP)</li> <li>6. Entrepreneurship Awareness Campaign (EAC)</li> <li>7. Mentoring the Mentors on World Mental Health Day-2014</li> <li>8. A Special Lecture on Women’s Concerns</li> <li>9. Awareness programme on self defence</li> </ol>

## 2.14 Significant Activities and contributions made by IQAC

The IQAC planned for various academic and non-academic activities

Some of the significant ongoing activities

- Interacting with Heads of Department for maintaining and sustaining quality education as directed by IQAC
- Discussing the outcomes of various academic and non-academic activities for improving the system of quality assurance
- Organizing workshops, seminars on quality related themes and promotion of quality circles
- Collecting feedback from stakeholders and implemented improvement activities
- Regular Interaction with class committee members and class coordinators of each and every department for maintaining and sustaining quality education.
- Conducting research meetings for researchers and other faculties to share and show-case their research
- Conducting awareness programme cracking competitive examaminations
- Conducting campus recruitment training for the students to enhance their employability skills
- Motivating the students to participate in co-curricular activities through mentors
- Encouraged entrepreneurship development cell to conduct Entrepreneurial Development Programmes for students
- Conducted awareness programmes like Tree saplings Plantation, Global warming and Blood donation

## 2.15 Plan of Action by IQAC/Outcome

Plan of Action	Achievements
To organize International Conference	Conducted International Conference on Recent Trends in Engineering and Technology ( ICRTET-15) in the month of March 2015
To continue to organizestudent centric activities	Activities are listed in Annexure I



Plan of Action	Achievements
To encourage staff members to attend seminars and workshops	Participated in various workshops and seminars conducted by other/our institution
To cultivate the innovative skills of students	Conducted project exhibition
To organizes the orientation programmes through staff members.	Organized orientation programmes for staff members
To encourage Faculty member to register Ph.D.	2 staff members registered Ph.D. during this year
To enhance consultancy work	Consultancy work carried out by civil department
To implement E-governance in all the administrative and academic activities	e-Campus software is utilized for the following purpose <ul style="list-style-type: none"> <li>• Student's admission process</li> <li>• Fee payment</li> <li>• Attendance status and marks</li> <li>• Staff/ Student profile</li> <li>• Library facilities</li> <li>• Curricular /Extra curricular activities</li> <li>• Student's feedback</li> </ul>
To complete the construction of a separate PG block	Construction is in progress
To conduct Campus recruitment training programmes	Totally 271 students were placed Activities are listed in Annexure I
To conduct entrepreneurial awareness programmes	Activities are listed in Annexure I
To arrange awareness programmes on energy saving	Activities are listed in Annexure I
To arrange community development programmes through NSS, , Youth Red Cross and Rotaract Club	Activities are listed in Annexure I

\* Attached the Academic Calendar of the year as Annexure II.

2.15 Whether the AQAR was placed in statutory body      Yes  No   
Management  Syndicate  by other body

Provide the details of the action taken

The management has suggested some ideas for overall development of the institution

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	--	--	--	--
PG	06	--	06	--
UG	06	--	06	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	12	--	12	--

Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	12
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- Provided in Annexure IV***

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

NA

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

NO

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	175	170	1	4	--

2.2 No. of permanent faculty with Ph.D.

6

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
18	--	--	37	--	15	--	--	18	52

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 Seminars/ Workshops	02	184	--
Presented papers	44	--	--
Resource Persons	--	07	--

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

- Innovated new teaching-learning process to change the environment into activity based learning
- Utilized NPTEL videos and online-content to support class-room teaching
- Established smart class rooms to enrich the teaching methods
- Provided additional laptops and LCD projectors to the staff members to achieve the curriculum demands
- Given comprehensive assignments and seminars to make the environment activity based
- Provided hands on training to enhance practical knowledge
- Conducted IDEA competition to foster the innovation regularly
- Organized project exhibition to showcase the innovative ideas of the students
- Arranged industrial visit and internship to adapt to the environment

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

188

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

- College meticulously follows the evaluation reforms of the affiliating university
- College has a comprehensive internal assessment and evaluation system. All the internal assessment tests are conducted and evaluated as per the guidelines of the affiliating university
- An exclusive examination cell is established with faculty members from each department to conduct all internal assessment tests & university exams

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

88.65 %

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme		Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
UG	AERO	24	--	50.00	08.33	--	58.33
	CIVIL	67	01.49	62.68	14.90	--	79.07
	CSE	102	--	53.92	21.56	--	75.49
	ECE	125	0.800	61.60	10.40	--	72.80
	EEE	59	--	44.06	23.72	--	67.79
	MECH	135	--	54.07	14.81	--	68.88
PG	M.E STRUCURAL	21	--	71.43	--	--	71.43
	M.E CSE	18	11.11	66.66	--	--	77.77
	M.E SE	6	16.66	66.67	--	--	83.33
	M.E CS	14	--	92.80	--	--	92.80
	M.E PED	10	--	60.00	--	--	60.00
	M.E CAD/CAM	5	--	04.00	01.00	--	80.00

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

- IQAC helps the institution by systematic planning and monitoring of all the academic activities.
- The IQAC reviews the teaching learning process such as syllabus coverage, content beyond the syllabus, assignments, test evaluations, preventive and corrective actions & feed back progression

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	37
Orientation programmes	05
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	184
Others	--

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	25	--	05	--
Technical Staff	28	--	09	--

### Criterion – III

#### 3. Research, Consultancy and Extension

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

R&D cell of the college
<ul style="list-style-type: none"><li>• Motivates the staff members/students to actively participate in the research</li><li>• Motivates the staff members to publish the research papers in the peer reviewed Journals and Conferences</li><li>• Conducts research review meetings</li><li>• Organizes programmes on research methodology, how to write a paper and Patent filing</li></ul>

##### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	01
Outlay Rs. in Lakhs	--	--	--	23.00

##### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	--	--	01
Outlay Rs. in Lakhs	--	--	--	3.00

##### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	08	--	--
Non-Peer Review Journals	19	--	--
e-Journals	--	--	--
Conference proceedings	88	--	--

##### 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 organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned(Rs. in Lakhs)	Received (Rs. in Lakhs)
Major projects	--	--	--	--
Minor Projects	--	--	--	--
Interdisciplinary Projects	--	--	--	--

Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	1	Internal	` 3.18	` 3.18
Students research projects (other than compulsory by the University)	--	--	--	--
Any other(Specify)	1	NMEICT	` 4.98	` 4.98
Total	--	--	` 8.16	` 8.16

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 in lakhs`

3.11 No. of conferences  Organized by the Institution	Level	International	National	State	University	College
	Number	01	--	--	--	--
	Sponsoring agencies	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
16	01	--	--	--	--	15

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

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

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

3.23 No. of Awards won in NSS:

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

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	<input type="text" value="--"/>	College forum	<input type="text" value="09"/>		
NCC	<input type="text" value="--"/>	NSS	<input type="text" value="02"/>	Any other	<input type="text" value="--"/>

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

Through Clubs & Societies

- Blood Donation Camp
- Energy Conservation Meetings
- Engineer's Day Celebration
- World Tobacco Day-Rally
- Entrepreneurship Development Programme
- Entrepreneurship Awareness Campaign
- Mentoring The Mentors on World Mental Health day
- Leadership Development & Motivation Programme For Students

## Criterion – IV

### 4. Infrastructure and Learning Resources

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

Facilities	Existing	Newly Created	Source of Fund	Total
Campus Area	100Acres	--	Self-Financing	100Acres
Class Rooms	69	03		72
Laboratories	42	--		42
Seminar Halls	7	--		7
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	--	5		5
Value of the equipment purchased during the year (Rs. in Lakhs)	--	23.44		23.44
Others	--	--		--

#### 4.2 Computerization of administration and library for

<ul style="list-style-type: none"><li>• Administrative systems</li><li>• Staff attendance through Biometric System</li><li>• Online Fee status</li><li>• Library management System</li><li>• Monitoring students performances</li></ul>
---

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (in Lakhs)	No.	Value (in Lakhs)	No.	Value (in Lakhs)
Text Books	25067	38	2422	7.65	27489	45.65
Reference Books	1646	2.32	3	0.02	1649	2.34
Journals	670	5.58	--	--	670	5.58
e-Journals	IEEE	--	--	--	--	--
Digital Database	Delnet	0.12	Delnet	0.12	Delnet	0.24
CD & Video	--	--	103	--	103	--
Others (specify)	--	--	--	--	--	--

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept	Others
Existing	705	17	20Mbps	17	17	37	20	30
Added	19	1	15Mbps	1	1	--	--	--
Total	724	18	35Mbps	18	18	37	20	30

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

- Organizing Smart Class Room Training for staff members
- Given training to teachers through live classes in Smart Classrooms via IIT-NMEICT ISTE workshops during summer and winter vacation
- Affording internet facility to all students and faculty members
- Scheduling internet hour for all the students
- Undertaking knowledge enrichment programme by our staff members for technology up gradation
- Organizing workshops, seminars, guest lectures, symposium for students to upgrade their knowledge

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

i) ICT	2.35
ii) Campus Infrastructure and facilities	80.57
iii) Equipment's	1.09
iv) Others	0.42
<b>Total:</b>	<b>84.43</b>

**Criterion – V**

**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Provided support to get Government Scholarships ( Community Scholarship, First Graduate Scholarship, Former Scholarship)
- Offered management scholarships( Merit Scholarship, Project Scholarship and Sports Scholarship)
- Given fee concession for financially poor background students

5.2 Efforts made by the institution for tracking the progression

- Highlighted the achievements of students in college website, newsletter and news papers
- Allotted Faculty advisor for a batch of 20 students to monitor and counsel the student’s progress in academic as well as extracurricular activities
- Established Alumni chapters in National level at various cities.
- Collected students /stake holder’s feedback for the development of institution
- Arranged campus recruitment for passed out students

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	Total
1980	163	--	--	2143

(b) No. of students outside the state

11
----

(c) No. of international students

--
----

Men	No	%	Women	No	%
	1386	64.6		757	35.4

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
44	244	16	1621	--	1925	47	330	1	1762	3	2143

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

- Providing GATE coaching for students through CG Cell
- Arranging Aptitude Training & Soft skill training through Training and Placement cell
- Arranging Career development programme
- Creating awareness to accomplish competitive examinations

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET	<input style="width: 30px;" type="text" value="--"/>	ET/SLET	<input style="width: 30px;" type="text" value="--"/>	TE	<input style="width: 30px;" type="text" value="-"/>	<input style="width: 30px;" type="text" value="--"/>
IAS/IPS etc	<input style="width: 30px;" type="text" value="--"/>	State PSC	<input style="width: 30px;" type="text" value="--"/>	UPSC	<input style="width: 30px;" type="text" value="--"/>	Others
						<input style="width: 30px;" type="text" value="20"/>

#### 5.6 Details of student counselling and career guidance

- Allotting mentors for every 20 students to counsel and guide the students
- Motivating the students through leadership development and motivational programme
- Creating awareness through counselling programmes & help the girl students specifically in career guidance
- Initiating awareness about anti ragging.
- Supporting the students to go to the next level through CGC
- Providing materials for competitive exams through library

No. of students benefitted

#### 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
15	387	267	04

#### 5.8 Details of gender sensitization programmes

- Celebrated Women's day in the campus
- Constituted Women's Grievance Redressal Cell to discuss the issues
- Organized awareness programme about women's harassment

## 5.9 Students Activities

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

State/ University level  National level  International 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

Cultural: State/ University level  National level  International level

## 5.10 Scholarships and Financial Support

	Number of students	Amount (in Lakhs)
Financial support from institution	81	₹ 19.94
Financial support from government	1210	₹ 331.80
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

### 5.11 Student organised / 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) redressed: \_\_\_\_\_NIL\_\_\_\_\_

## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

##### **VISION :**

Mount Zion College of Engineering & Technology will be the preferred choice of all those who aspire for excellence.

##### **MISSION :**

Lead value based efforts to

- Provide education of the highest quality
- Empower the students to meet the challenges of a collaborative and competitive globalized environment
- Foster attitude for a sustainable environment
- Develop the mental, physical, emotional and spiritual spheres for holistic excellence
- Synergize excellence among aspirants through wholesome ambience
- Train to take on challenges and become highly competent
- Initiate a desire to offer selfless service to humanity

#### 6.2 Does the Institution has a management Information System

Yes. The following activity heads are maintained.

- Accounts and financial works.
- Store and material requisition.
- Staff attendance biometric and leave approval.
- Library and information science (through libsys).
- online feedback system
- All academic activities.

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

##### 6.3.1 Curriculum Development

Curriculum is framed by Anna University. As an affiliated institution we strive to concentrate on the following

- Reflecting institutional objective in the departmental programme educational objective (PEO).
- Setting Balanced professional core, professional elective and free electives with basic science, engineering science and humanities subjects.
- Supplementing university curriculum by conducting personality development programme, carrier guidance programmes, value added courses and soft skills training

### 6.3.2 Teaching and Learning

Teaching Learning Process enhanced through

- Analyzing stakeholder feedback
- ICT method of teaching
- Live-demos of working models using you tube, NPTEL
- Guest lectures, Lab demonstration
- Discussion with groups
- Field trips and lab lectures
- Mentoring
- Tutorial teaching
- Sharing of notes in Moodle
- Inquiry-based learning through case study, industrial visit and fieldwork.

### 6.3.3 Examination and Evaluation

College meticulously follows the examination and evaluation reforms of the affiliating university

- Established examination cell to conduct all internal assessment and examinations
- Introduced Mentor system to monitor the progress of the students throughout the study period

### 6.3.4 Research and Development

- Conducts research review meeting periodically to strengthen the research scholars
- Provides incentives for all research related activities
- Established robotics lab to enhance research in the field of robotics

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

- Purchased around 2000 books last year to enrich the knowledge of the students
- Arranged book exhibition to identify quality books
- Every department has individual smart class room
- Purchased new computers to excel the lab oriented exercises
- Purchased new servers to develop the IT infrastructure
- Started building a separate PG block



### 6.3.6 Human Resource Management

- Setting the benchmark for the candidates who intended towards teaching training and learning
- Training the staff members in domain knowledge and pedagogical aspects through staff development programme
- Identifying candidates with leadership skills and groom them with administrative responsibilities

### 6.3.7 Faculty and Staff recruitment

- Recruiting staff members through advertising in the Leading daily newspapers and websites
- Scrutinizing the applications received through online/post as per the college norms
- Conducting interview in the presence of Experts
- Selection of Candidates is done as per the norms of staff selection committee

### 6.3.8 Industry Interaction / Collaboration

- Organizing Industrial visits, Inplant training and industrial projects through Industry Institute Interaction Cell
- Arranging Internship at nearby industries

### 6.3.9 Admission of Students

- Continuously monitoring and improving the teaching learning process of the institution
- Developing the infrastructure facilities
- Attracting the other state students by developing good hostel facilities

## 6.4 Welfare schemes for

Teaching	Transport facilities Staff Quarters Medical and Maternity Leave EPF Festival Advance Mobile phone Closed User Group facility Vehicle Loan
Non teaching	Free Transport facilities Medical and Maternity Leave EPF, Festival Advance Mobile phone Closed User Group facility Vehicle Loan

Students	Topper Scholarship Sports Scholarship Projects Scholarship Fee Concession for meritorious students NSS, IETE, ISTE, Rotatract, YRC, RRC WRC
----------	--

6.5 Total corpus fund generated in Lakhs`

6.6 Whether annual financial audit has been done Yes  No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV-SUD	Yes	Academic audit committee
Administrative	Yes	M/s Annamalai Associates	Yes	Internal audit committee

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

For UG Programmes Yes  No

For PG Programmes Yes  No

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

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

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

- Scheduling Alumni meet regularly
- Arranging campus interviews through alumnus working in leading companies
- Creating industry exposure by active interaction of alumnus with the students

#### 6.12 Activities and support from the Parent – Teacher Association

- Conducts PTA meeting regularly
- Collects feedback from the parents to develop regular activities

#### 6.13 Development programmes for support staff

- Providing support for their higher education
- Conducting training programmes for the supporting staff
- Arranging industry training and visit for staff members

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

- Pollution free campus
- Planted several saplings through Green Campus Initiative Cell to create sylvan surrounding
- Initiated to recycle bio-wastes

## 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.

<p>i. Introduced outcome based education: The teaching staff members</p> <ul style="list-style-type: none"><li>• Student counselling system improved the overall attendance of the students</li><li>• Systematic coaching for weak students improved the overall pass percentage</li><li>• Initiated hands on training for students</li><li>• Identified the best content delivery methods to attain programme outcomes</li><li>• Attending online workshops conducted by NMIECT</li></ul> <p>ii. Research innovation activities</p> <ul style="list-style-type: none"><li>• Conducting research review meeting every month</li><li>• Organizing research talk to update recent trends</li><li>• Installed solar distilled water plant for the students</li></ul>
---

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

Task	Action	Status
To increase the overall result by at least 10%	Innovative teaching methods introduced	Increased overall result by 15%
To get funded projects	Motivated the staff members to submit project proposals	So far 2 proposals submitted and 5 proposal nearing completion
To increase the number of publications in peer reviewed journals	Trained the staff members to write papers	Published 27 papers in peer reviewed journals
To establish new smart class room	Necessary funds were allotted	Incorporated 3 smart class rooms

7.3 Give two Best Practices of the institution

<ul style="list-style-type: none"><li>• To provide Internship to the students</li><li>• To motivate the students to become entrepreneurs</li></ul>
--

*\*Details provided in annexure III*

7.4 Contribution to environmental awareness / protection

<ul style="list-style-type: none"><li>• Carried periodic energy auditing by Energy Audit cell for energy saving</li><li>• Installed rainwater harvesting system as part of the environmental science project</li><li>• Inspected college vehicles regularly for carbon emission and maintenance</li><li>• Auctioned E-Waste materials to the concerned recycling agencies</li><li>• Conducted safety awareness programmes</li></ul>
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7.5 Whether environmental audit was conducted? Yes  No

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

**Strength**

- Committed and dedicated management & staff members
- Well qualified, committed and experienced staff members
- Enhanced reputation among academicians with regular staff enrichment programme through seminars, conferences and workshops
- Enhanced activity and physical model based quality teaching
- Updated library books and Journals
- Installed RO water plant in the college and Hostel
- Provided internet facility up to 35 Mbps with the Wi-Fi connection
- Uninterrupted power backup
- Word of mouth publicity through successful alumni

**Weakness**

- Number of students passing in GRE/TOEFL/GATE/Administrative service examination are very less
- No ongoing funded projects
- Collaboration needs to be improved with more corporate companies

## 8.Plans of institution for next year

### **Teaching and Learning**

- To equip all the class rooms with smart board and wi-fi connection
- To enhance E-learning
- To improve overall result by 10%
- To increase the number of university rank holders
- To enhance industrial based projects
- To improvise value added programmes

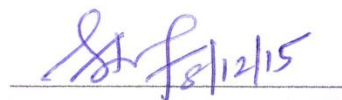
### **Research**

- To increase research publications substantially
- To get funded research projects
- To involve interdisciplinary projects
- To improve consultancy activities
- To implement collaboration & MOU's effectively
- To depute staff to acquire Ph.D from well reputed institutes

### **Others**

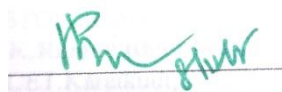
- To improve communication skills of students
- To provide special coaching for GRE/TOEFL/CAT
- To practice student seminar(other than curriculum)
- To construct 400mts standard athletic track and Volley ball courts with flood lights

Name A.TaksalaDevapriya



Signature of the Coordinator, IQAC

Name Dr. P. Balamurugan



Signature of the Chairperson, IQAC

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## ANNEXTURE I

### DETAILS OF ACHEIVEMENTS

#### Seminars/ Workshops/ Symposia organized

S.No	Date	Name of the Event	Resource Person
1.	10-7-2014	Workshop on Digital Image Processing	<b>Dr.S.MohammedMansoorRoomi</b> , Professor, Department of ECE, Thiagarajar College of Engineering, Madurai.
2.	10-07-2014 to 20-07-2014	Technical Workshop on” Cyber Security”	<b>Indian Institute Of Technology(IIT)</b> ,Kharagpur
3.	11-07-2014	One day Seminar on “AFTER CIVIL”	<b>Mr.Vinoth,Mr. Satheesh</b>
4.	08-08-2014	National Level Technical Symposium “ELECTRICK’S 14”	<b>Mr.P.Samuthirapandi</b> Senior manager,E,C&I/PCPS BHEL,Trichy
5.	04-08-2014	National Level Technical Symposium “ Impetus’ 14”	<b>Dr.V.Vaidehi Professor</b> , Department Of Electronics Engineering MIT,CHENNAI
6.	28-08-2014	National Level Technical Symposium “CEFESTZ-14”	<b>Dr.S.MosesSanthakumar</b> , Ph.D., Professor,NITTrichy
7.	21-08-2014	Guest Lecture On Electromagnetic Theory	<b>Dr.P.Muthuchidambaranathan</b> Associate Professor , ECE Department , NIT Trichy
8.	01-09-2014	National Level Technical Symposium “MEXTREME-14”	<b>Dr.S.Karthikeyan</b> ,General Manager-HR,MRF Limited.,Chennai
9.	02-09-2014	Guest Lecture On Digital Signal Processing	<b>Mr.M.Bhaskar</b> , Associate Professor, ECE Department, NIT Trichy
10.	05-09-2014	One Day seminar on “Automation in Mechatronics”	<b>Dr.N.Sivashanmugam</b> M.E.,Ph.D., NIT Trichy, <b>Mr.L.Venkatesan</b> M.E., FESTO,Chennai, <b>Dr.K.Ramanathan</b> M.E.,Ph.D., ACCET.Karaikudi, <b>Mr.R.Premkumar</b> M.E.,MZCET.Pudukkottai
11.	08-09-2014	Guest Lecture on “Operating System”	<b>Dr.Narendranrajagopalan</b> AP/CSE, NIT Karaikal
12.	16-09-2014	One day seminar on “Recent Trends in Architecture”	<b>Er.S.Rajendran</b> Structural Consultant , Tanjur, <b>Prof.S.Radhakrishnan</b> , Architect, Madurai
13.	10-10-2014	Mentoring The Mentors on World Mental Health day-	<b>Prof.Er.S.A.W.Buhari</b> Former Deputy General Manager,BHEL,Trichy

S.No	Date	Name of the Event	Resource Person
		2014"	
14.	2-12-2014 to 12-12-2014	Two-Week ISTE Workshop on "Control Systems"	<b>Indian Institute Of Technology(IIT),Kharagpur</b>
15.	07-12-2014 to 09-12-2014	22 <sup>nd</sup> National Children's Science Congress State Meet – 2014	<b>Tamil Nadu Science Forum,</b> National Council For Science & Technology Communication And Department of science and Technology, Govt. Of India
16.	12-12-2014	Faculty Development Programme on Empowering People	<b>ICT Academy of Tamil Nadu(ICTACT)</b>
17.	09-02-2015	Leadership Development & Motivation Programme For Students	<b>Shri.P.Manikanden M.A</b> Famous Orator & Trainer
18.	12-02-2015	Entrepreneurship Awareness Campaign(EAC)	<b>C.Devaraj M.E.</b> General Manager/Deputy Director, Department Of Industries & Commerce, District Industries Centre, Pudukkottai, <b>V.Sivamani B.E.</b> , Director, SriBalamurugan Engineering Works Pvt.Ltd. Trichy
19.	27-02-2015	National Level Technical Symposium "Tech Quest – 15"	<b>Dr. B. Ramadoss</b> Prof & former Head, Dep't of Computer applications, NIT Trichy
20.	19-03-2015 to 23-03-2015	Entrepreneurship Development Programme-(EDP)	<b>Mr.C.Ramaswamy Desai</b> Project Director, CR Business Solution, Trichy
21.	23-03-2015 to 24-03-2015	International conference on Recent trends in Engineering & Technology "ICRTET 15"	<b>Dr.LeeChingKwang</b> Professor, Multimedia University, Malaysia, <b>Dr.RolandoLontokjr.</b> , HOD-IT, Nizwa College of Technology, Oman. <b>Dr.MartinMkandawire</b> , Professor and Industrial Resarch Chair in Minewater remediation and management, capebretonuniversity, canada, <b>Dr.KannanJegathala Krishnan</b> Victoria University, Australia <b>Prof. A. SadiqBatcha</b> , Linton University College, Malaysia
22.	22-06-2015 to 25-06-2015	One week workshop on Embedded Systems	<b>Pantech Solutions</b> , Trichy

### Student Centric Activities



The following programs were organized during 2014-2015 academic year

S. No	Society	Date	Name of the Event	Resource Person
1.	Entrepreneurship Development Cell	12-02-2015	Entrepreneurship Awareness Campaign	<b>Mr.C.Devaraj</b> , General Manager/ Deputy Director, Department of Industries & Commerce, District Industries Centre, Pudukkottai <b>Mr.V.Sivamani</b> , Director, Sri Balamurugan Engineering Works Pvt. Ltd., Trichy
2.		19-03-2015 to 23-03-2015	Entrepreneurship Development Program (EDP) -5 days Training Program	<b>Mr. C Ramaswamy Desai</b> , Project Director, CR Business Solutions, Tiruchirappali <b>Dr.K.R.Murugan</b> , Associate Professor & Head Department of Women's Studies, Algappa University, Karaikudi <b>Dr.K.Chandrasekar</b> , Coordinator, Entrepreneurship Development, Algappa University, Karaikudi
3.	Student Counselling Cell	24-06-2014	LiveLife Programme	<b>Dr.KannanGireesh, M.D.</b> , CEO Founder, LiveLife education Pvt.Ltd, Chennai & Team
4.		09-02-2015	A Leadership development and Motivation Program	<b>Shri. P. Manikandan</b> , Writer & Trainer
5.	Women's Grievances Redressal Cell	22-08-2014	A Special Lecture on Women's Concerns	<b>Mrs.S. Jessintha</b> , M.A., B.L., Advocate Madurai High Court and Mofussil Court, Madurai
6.		23-09-2014	Awareness programme on self defence	<b>Mr. Vijay &amp; Team Members</b> , Chief representative, Japan Karate-Do Ryoby Kai India, Pudukkottai

### Campus Training & Placement Programmes

The Training & Placement cell conducted the aptitude and communication skills training for the IV year students. The scheduled programme detail is shown below

Dept	Session	14- July	15- July	16- July	17- July	18- July
CSE A	1	English 1	Logical Reasoning Reasoning 1	Maths 1	Maths 3	English 3
	2	English 2	Logical Reasoning 2	Maths 2	Maths 4	English 4
CSE B	1	English 1	Logical Reasoning 1	Maths 1	English 3	Maths 3
	2	English 2	Logical Reasoning 2	Maths 2	English 4	Maths 4
ECE A	1	English 1	Maths 1	English 3	Logical Reasoning 1	Maths 3
	2	English 2	Maths 2	English 4	Logical Reasoning 2	Maths 4
ECE B	1	Logical Reasoning 1	Maths 1	English 1	English 3	Maths 3
	2	Logical Reasoning 2	Maths 2	English 2	English 4	Maths 4
MECH A	1	Logical Reasoning 1	Maths 1	English 1	Maths 3	English 3
	2	Logical Reasoning 2	Maths 2	English 2	Maths 4	English 4
MECH B	1	Maths 1	English 1	Maths 3	English 3	Logical Reasoning 1
	2	Maths 2	English 2	Maths 4	English 4	Logical Reasoning 2
EEE	1	Maths 1	English 1	Maths 3	English 3	Logical Reasoning 1
	2	Maths 2	English 2	Maths 4	English 4	Logical Reasoning 2
CIVIL	1	Maths 1	English 1	English 3	Logical Reasoning 1	Maths 3
	2	Maths 2	English 2	English 4	Logical Reasoning 2	Maths 4
AERO	1	Maths 1	Maths 3	English 1	Logical Reasoning 1	English 3
	2	Maths 2	Maths 4	English 2	Logical Reasoning 2	English 4

### Details of the Training Programme

<b>ENGLISH 1</b>	<b>ENGLISH 2</b>
SPOTTING ERRORS	MODAL VERBS
ODD ONE OUT	ARTICLES
SPELLING CORRECTIONS	PREPOSITIONS
CONFUSING WORDS	SYNONYMS & ANTONYMS
<b>ENGLISH 3</b>	<b>ENGLISH 4</b>
IDIOMS	PARAGRAPH CORRECTION
PHRASAL VERBS	SEQUENCE OF SENTENCES
SENTENCE COMPLETION	CLOZE TEST
SENTENCE CORRECTION	READING COMPREHENSION
<b>LOGICAL REASONING 1</b>	<b>LOGICAL REASONING 2</b>
VERBAL ANALOGY	CUBES AND CUBOID
CODING : LETTER CODING	
SERIES COMPLETION & ODD ONE OUT	BLOOD RELATION
<b>MATHS 1</b>	<b>MATHS 2</b>
NUMBER PROPERTIES	AGES
PERCENTAGE	AVERAGES
<b>MATHS 3</b>	<b>MATHS 4</b>
RATIO AND PROPORTION	TIME AND WORK
MIXTURES AND SOLUTIONS	DATA INTERPRETATION

**Placement details for the academic year 2014-15**

<b>S.NO</b>	<b>NAME OF THE COMPANY</b>	<b>NO OF STUDENTS SELECTED</b>
1	COGNIZANT TECHNOLOGY SOLUTION	03
2	INFOSYS LIMITED	01
3	CALYDON TECH	18
4	MITOSIS TECHNOLOGIES PRIVATE LIMITED	01
5	HAKUNA MATATA	02
6	VAGUS TECHLOGIES	02
7	EUREKA OSL	69
8	SOUTHERLAND GLOBAL SERVICES	05
9	H&R STEEL	03
10	VERTEX	123
11	HCL BSERV	04
12	UMAA ENGINEERS	09
13	YESFLOW CONTROLS ENGINEERS	10
14	USTAVGIRI	10
o	KARTHIKEYAN PLASTICS TECHNOLOGIES	11
<b>TOTAL</b>		<b>271</b>

**Community Development Programmes**

S.No	Community	Date	Name of the Event	No. of Students attended
1.	<b>Rotaract</b>	24-11-2014	Blood donation camp	55
2.		26-08-2014	Installation function / Award	250
3.		31-05-2015	World tobacco day-rally	25
4.		21-07-2015	Blood donation camp	101
5.		06-08-2015	ThallapillaiPond cleaning programme	10
6.		19-08-2015	Installation function	250
7.		26-08-2015	Tamil Application development	250
8.	<b>Youth Red Cross</b>	22-09-2014	Cancer awareness day	50
9.		03-02-2015	Dengue awareness programme	50
10.		02-09-2015	Orientation programme for yrc volunteers	100

## ANNEXTURE II

## Academic Calendar

**MOUNT ZION COLLEGE OF ENGINEERING TECHNOLOGY 2014 - 2015**  
**(Odd Semester - Undergraduate Course& Postgraduate Courses) - I Year**



Month	Week	Working Days & Dates							No. of Working Days	Events	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
August									18	11 25	College Reopening Class Committee Meeting
	Week 1	4	5	6	7	8	9	10			
	Week 2	11	12	13	14	15	16	17			
	Week 3	18	19	20	21	22	23	24			
September	Week 4	25	26	27	28	29	30	31	23	15 - 19, 22 26	Intenal Test I Class Committee Meeting
	Week 5	1	2	3	4	5	6	7			
	Week 6	8	9	10	11	12	13	14			
	Week 7	15	16	17	18	19	20	21			
October	Week 8	22	23	24	25	26	27	28	21	13	Class Committee Meeting
	Week 9	29	30								
	Week 10	6	7	8	9	10	11	12			
	Week 11	13	14	15	16	17	18	19			
November	Week 12	20	21	22	23	24	25	26	20	27 - 31, 3 19 - 28	Internal Test II Coaching and Model Exam
	Week 13	27	28	29	30	31					
	Week 14	3	4	5	6	7	8	9			
	Week 15	10	11	12	13	14	15	16			
December	Week 16	17	18	19	20	21	22	23	13	1 - 12 8 17	Coaching and Model Exam * University Practical Exam Starts Last Working Day
	Week 17	24	25	26	27	28	29	30			
	Week 18	1	2	3	4	5	6	7			
	Week 19	8	9	10	11	12	13	14			
January	Week 20	15	16	17	18	19	20	21	0	5	* University Theory Exam Starts
		22	23	24	25	26	27	28			
		29	30	31							
		5	6	7	8	9	10	11			
		12	13	14	15	16	17	18			
		19	20	21	22	23	24	25			
		26	27	28	29	30	31				

Total Working Days: 95

**Government Holidays:**

Jul 29	Tue	Ramzan
Aug 15	Fri	Independence Day
17	Sun	Krishna Jayanthi
29	Fri	Vinayakar Chathurthi
Oct 2	Thu	Gandhi Jayanthi & Ayutha Pooja
3	Fri	Vijaya Dasami
5	Sun	Bakrid
22	Wed	Diwali
Nov 4	Tue	Moharram
Dec 25	Thu	Christmas

**Symposiums & Conferences:**

4-Aug	Symposium / Workshop / Conference - Ece Dept.
8-Aug	Symposium / Workshop / Conference - Eee Dept.
11-Aug	Symposium / Workshop / Conference - Cse Dept.
14-Aug	Symposium / Workshop / Conference - Civil Dept.
18-Aug	Symposium / Workshop / Conference - Mech Dept.
22-Aug	Symposium / Workshop / Conference - Aero Dept.

**Important Dates:**

11-Aug	College Reopening
17-Dec	Last Working Day

**College Holidays:**

Jul 29	Tue	Ramzan
Aug 15	Fri	Independence Day
17	Sun	Krishna Jayanthi
29	Fri	Vinayakar Chathurthi
Oct 2	Thu	Gandhi Jayanthi & Ayutha Pooja
3	Fri	Vijaya Dasami
5	Sun	Bakrid
22	Wed	Diwali
Nov 4	Tue	Moharram
Dec 25	Thu	Christmas

**Legend:**

	College Reopening / Last Working Day
	Weekends / Holidays
	Cyclic Tests / Model Exam
	Coaching and Model Exam
	HOD's Meeting / Class Committee Meeting
	Start of University Theory Exams
	Symposiums / Workshop / Conference

\* Tentative Dates

# This calendar is tentative and subject to revision at any time. Contact the office for any changes.

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**MOUNT ZION COLLEGE OF ENGINEERING & TECHNOLOGY 2014 - 2015**  
(Odd Semester - Undergraduate and Postgraduate Courses) - II, III & IV Years



Month	Week	Working Days & Dates							No. of Working Days	Events	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
June		30						1	6	23	College Reopening
		2	3	4	5	6	7	8			
		9	10	11	12	13	14	15			
		16	17	18	19	20	21	22			
	Week 1	23	24	25	26	27	28	29			
July			1	2	3	4	5	6	22	7	Class Committee Meeting Internal Test I
	Week 2										
	Week 3	7	8	9	10	11	12	13			
	Week 4	14	15	16	17	18	19	20			
	Week 5	21	22	23	24	25	26	27			
	Week 6	28	29	30	31						
August					1	2	3	22	12	Class Committee Meeting	
	Week 7	4	5	6	7	8	9				10
	Week 8	11	12	13	14	15	16				17
	Week 9	18	19	20	21	22	23				24
	Week 10	25	26	27	28	29	30				31
September								26	15 - 19, 22 24 - 30	Internal Test II Coaching and Model Exam	
	Week 11	1	2	3	4	5	6				7
	Week 12	8	9	10	11	12	13				14
	Week 13	15	16	17	18	19	20				21
	Week 14	22	23	24	25	26	27				28
October								24	1 - 17	Coaching and Model Exam	
	Week 16	6	7	8	9	10	11				12
	Week 17	13	14	15	16	17	18				19
	Week 18	20	21	22	23	24	25				26
	Week 19	27	28	29	30	31					
November								3	5	Last Working Day	
	Week 20	3	4	5	6	7	8				9
		10	11	12	13	14	15				16
		17	18	19	20	21	22				23
		24	25	26	27	28	29	30			

Total Working Days: 103

**Government Holidays:**

Jul 29	Tue	Ramzan
Aug 15	Fri	Independence Day
17	Sun	Krishna Jayanthi
29	Fri	Vinayakar Chathurthi
Oct 2	Thu	Gandhi Jayanthi & Ayutha Pooja
3	Fri	Vijaya Dasami
5	Sun	Bakrid
22	Wed	Diwali
Nov 4	Tue	Moharram

**Symposiums & Conferences:**

4-Aug	Symposium / Workshop / Conference - Ece Dept.
8-Aug	Symposium / Workshop / Conference - Eee Dept.
11-Aug	Symposium / Workshop / Conference - Cse Dept.
14-Aug	Symposium / Workshop / Conference - Civil Dept.
18-Aug	Symposium / Workshop / Conference - Mech Dept.
22-Aug	Symposium / Workshop / Conference - Aero Dept.

**Important Dates:**

23-Jun	College Reopening
5-Nov	Last Working Day

**College Holidays:**

Jul 29	Tue	Ramzan
Aug 15	Fri	Independence Day
17	Sun	Krishna Jayanthi
29	Fri	Vinayakar Chathurthi
Oct 2	Thu	Gandhi Jayanthi & Ayutha Pooja
3	Fri	Vijaya Dasami
5	Sun	Bakrid
22	Wed	Diwali
Nov 4	Tue	Moharram

**Legend:**

	College Reopening / Last Working Day
	Weekends / Holidays
	Cyclic Tests / Model Exam
	Coaching and Model Exam
	HOD's Meeting / Class Committee Meeting
	Start of University Theory Exams
	Symposiums / Workshop / Conference

\* Tentative Dates

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**MOUNT ZION COLLEGE OF ENGINEERING TECHNOLOGY 2014 - 2015**  
**(Even Semester - Undergraduate Courses & Postgraduate Courses) - I Year**



Month	Week	Working Days & Dates							No. of Working Days	Events
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
January									15	7 College Reopening for I Year  College Reopening for PG I Year
	Week 1	5	6	7	8	9	10	11		
	Week 2	12	13	14	15	16	17	18		
	Week 3	19	20	21	22	23	24	25		
	Week 4	26	27	28	29	30	31			
February									21	16 - 20, 23 Internal Test I
	Week 5	2	3	4	5	6	7	8		
	Week 6	9	10	11	12	13	14	15		
	Week 7	16	17	18	19	20	21	22		
	Week 8	23	24	25	26	27	28			
March									23	31 Sports Day
	Week 9	2	3	4	5	6	7	8		
	Week 10	9	10	11	12	13	14	15		
	Week 11	16	17	18	19	20	21	22		
	Week 12	23	24	25	26	27	28	29		
April									19	1 Annual Day 6 - 10, 13 Internal Test II
	Week 13			1	2	3	4	5		
	Week 14	6	7	8	9	10	11	12		
	Week 15	13	14	15	16	17	18	19		
	Week 16	20	21	22	23	24	25	26		
May									15	8, 11 - 15 Model Exam 18 * University Practical Exam starts 22 Last Working Day 27 * University Theory Exams starts
	Week 18									
	Week 19	4	5	6	7	8	9	10		
	Week 20	11	12	13	14	15	16	17		
	Week 21	18	19	20	21	22	23	24		
Week 22	25	26	27	28	29	30	31			

Total Working Days: 93

**Government Holidays:**

Jan 1	Thu	New Year
3	Sat	Meelad-un-Nabi
15	Thu	Pongal
16	Fri	Thiruvalluvar Day
26	Mon	Republic Day
Apr 2	Thu	Mahaveer Jayanthi
3	Fri	Good Friday
14	Tue	Tamil New Year
May 1	Fri	May Day

**Symposiums & Conferences:**

9-Feb	Workshop - EEE Dept.
16-Feb	Workshop - ECE Dept.
18-Feb	Workshop - CSE Dept.
23-Feb	Workshop - Civil Dept.
25-Feb	Workshop - Aero Dept.
2-Mar	Workshop - Mech Dept.

**Important Dates:**

7-Jan	College Reopening
22-May	Last Working Day

**College Holidays:**

Jan 1	Thu	New Year
3	Sat	Meelad-un-Nabi
15	Thu	Pongal
16	Fri	Thiruvalluvar Day
26	Mon	Republic Day
Apr 2	Thu	Mahaveer Jayanthi
3	Fri	Good Friday
14	Tue	Tamil New Year
May 1	Fri	May Day

**Legend:**

	College Reopening / Last Working Day
	Weekends / Holidays
	Cyclic Tests / Model Exam
	Coaching and Model Exam
	HOD's Meeting / Class Committee Meeting
	Start of University Theory Exams
	Symposiums / Workshop / Conference
	Sports Day / Annual Day

\* Tentative Dates

# This calendar is tentative and subject to revision at any time. Contact the office for any changes.

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**MOUNT ZION COLLEGE OF ENGINEERING TECHNOLOGY 2014 - 2015**  
**(Even Semester - Undergraduate and Postgraduate Courses) - II, III & IV Years**



Month	Week	Working Days & Dates							No. of Working Days	Events
		Mon	Tue	Wed	Thu	Fri	Sat	Sun		
December		1	2	3	4	5	6	7	11	15 College Reopening for II & III Years
	Week 1	15	16	17	18	19	20	21		
	Week 2	22	23	24	25	26	27	28		
	Week 3	29	30	31						
January					1	2	3	4	20	28-30 Internal Test I
	Week 4	5	6	7	8	9	10	11		
	Week 5	12	13	14	15	16	17	18		
	Week 6	19	20	21	22	23	24	25		
February									21	2 - 4 Internal Test I
	Week 8	2	3	4	5	6	7	8		
	Week 9	9	10	11	12	13	14	15		
	Week 10	16	17	18	19	20	21	22		
March									23	11 - 13, 16 - 18 Internal Test II 31 Sports Day
	Week 12	2	3	4	5	6	7	8		
	Week 13	9	10	11	12	13	14	15		
	Week 14	16	17	18	19	20	21	22		
April									10	1 Annual Day 9 - 10, 13, 15-17 Model Exam 20 * University Practical Exam starts 25 Last Working Day 29 * University Theory Exams starts
	Week 16		1	2	3	4	5			
	Week 17	6	7	8	9	10	11	12		
	Week 18	13	14	15	16	17	18	19		
Week 19	20	21	22	23	24	25	26			
Week 20	27	28	29	30						

Total Working Days: 85

**Government Holidays:**

Dec 25	Thu	Christmas
Jan 1	Thu	New Year
3	Sat	Meelad-un-Nabi
15	Thu	Pongal
16	Fri	Thiruvalluvar Day
26	Mon	Republic Day
Apr 2	Thu	Mahaveer Jayanthi
3	Fri	Good Friday
14	Tue	Tamil New Year

**Symposiums & Conferences:**

9-Feb	Workshop - EEE Dept.
16-Feb	Workshop - ECE Dept.
18-Feb	Workshop - CSE Dept.
23-Feb	Workshop - Civil Dept.
25-Feb	Workshop - Aero Dept.
2-Mar	Workshop - Mech Dept.

**Important Dates:**

15-Dec	College Reopening
25-Apr	Last Working Day

**College Holidays:**

Dec 24-26	Christmas	
Jan 1	Thu	New Year
3	Sat	Meelad-un-Nabi
15	Thu	Pongal
16	Fri	Thiruvalluvar Day
26	Mon	Republic Day
Apr 2	Thu	Mahaveer Jayanthi
3	Fri	Good Friday
14	Tue	Tamil New Year

**Legend:**

	College Reopening / Last Working Day
	Weekends / Holidays
	Cyclic Tests / Model Exam
	Coaching and Model Exam
	HOD's Meeting / Class Committee Meeting
	Start of University Theory Exams
	Symposiums / Workshop / Conference
	Sports Day / Annual Day

\* Tentative Dates

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## **ANNEXTURE III**

### **Best Practice No.1**

#### **Title**

To provide the Internship to the students.

#### **Goal**

The ultimate aim of the Internship is to allow engineering students to learn and given a practical exposure which is readily available in the industries. Typically the internship develops the students in practical exposure of technical skills, professional skills, and promotes leadership skills and critical thinking.

#### **The Context**

Students must be ready and they should be aware of internship. Faculty members and other mentors are needed to motivate the students to undergo internship and inform the benefits of it. Industry is ready to allow the students for internship. Faculty members are needed to create the internship awareness to the students.

#### **The Practice**

Students are going to industry for internship in the weekends. They gain technical knowledge and practical exposure in the related field of internship. Each student undergoes internship based on their own interest related to their department.

#### **Evidence of Success**

Arranged internship in various industries after got the parent's permission. So far around 150 students have undergone internship from various industries which are located in Pudukkottai and Sivaganga district. Every weekend and semester holidays students are undergo internship to improve their skills.

#### **Problems Encountered and Resources Required**

The students were not able to undergo internship regularly because of their academic commitment. Some of the students are not coming forward for internship as they have to work regularly. Many of the companies are not willing to provide internship. More number of industries is essential to provide internship for all the students.

## **Best Practice No.2**

### **Title**

To make student entrepreneur

### **Goal**

The ultimate aim of this particular practice is to provide entrepreneurship and skills to the students and make them self-employable.

### **Context**

The Entrepreneurship Development Cell provides a platform for the budding entrepreneurs to learn about entrepreneurship and enhance their skills. In Every department has ED Cell Coordinator to identify and motivate the students in the Entrepreneurship Activities. Periodic meetings are conducted to create the awareness among students. Identified innovative ideas are proceed to establish with financial assistant of funding agencies. In that context students placed stalls in their department function like symposium, conference, workshops, and college functions sports & Annual day. Through these attempt students gained good profit and give 10% to ED Cell developments. Industrial visit has arranged to a nearby place to have an understanding of a successful entrepreneur.

### **The Practice**

Entrepreneur awareness camp was arranged to know the quality and the skills required to become an entrepreneur. In that Camp entrepreneurs from various departments shared their experience among the students. It motivated students to place stationary store, food stall and student's cooperative store in the college campus and it is functioning from 5th July 2013. Management gave separate room facilities in the hostel to establish student cooperative store. ED Cell student Coordinator is reporting the status every month regularly.

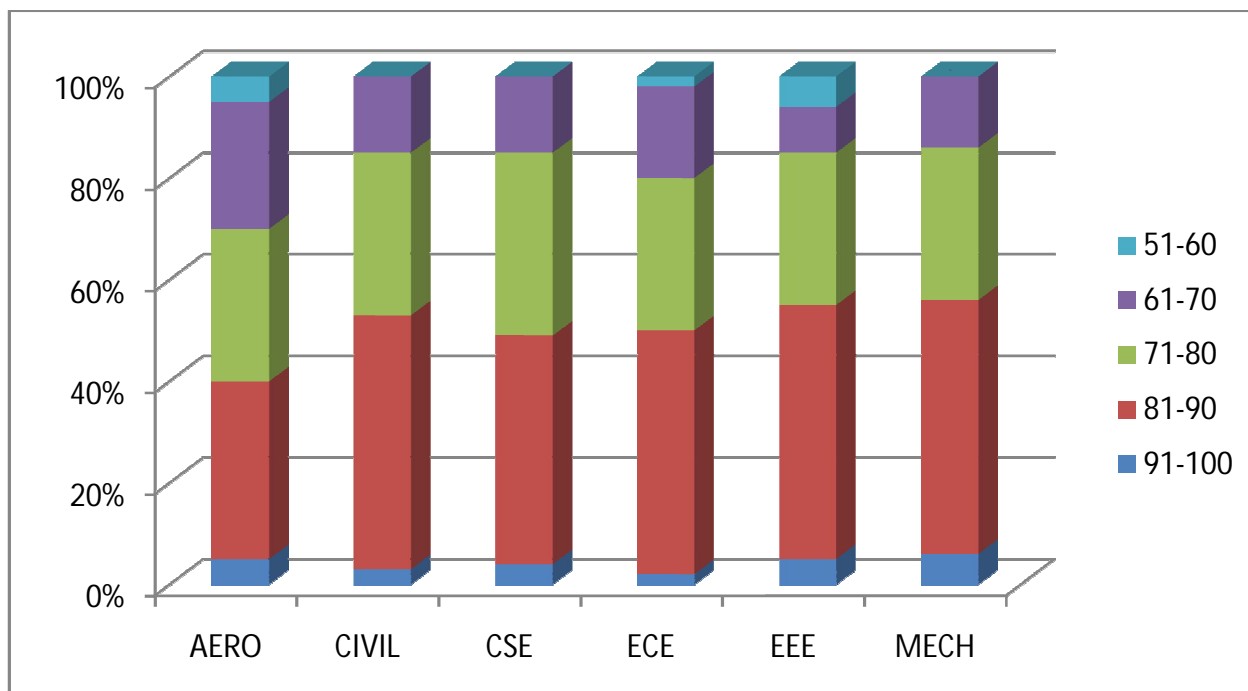
### **Evidence of Success**

Student's cooperative store is successfully functioning in the institution ladies hostel from the very inception. In that students joined together and run a cooperative store successfully. Every month the profit is shared among them and it was used for day today activities. Students gain self-confidence and overrun the unemployment problem.

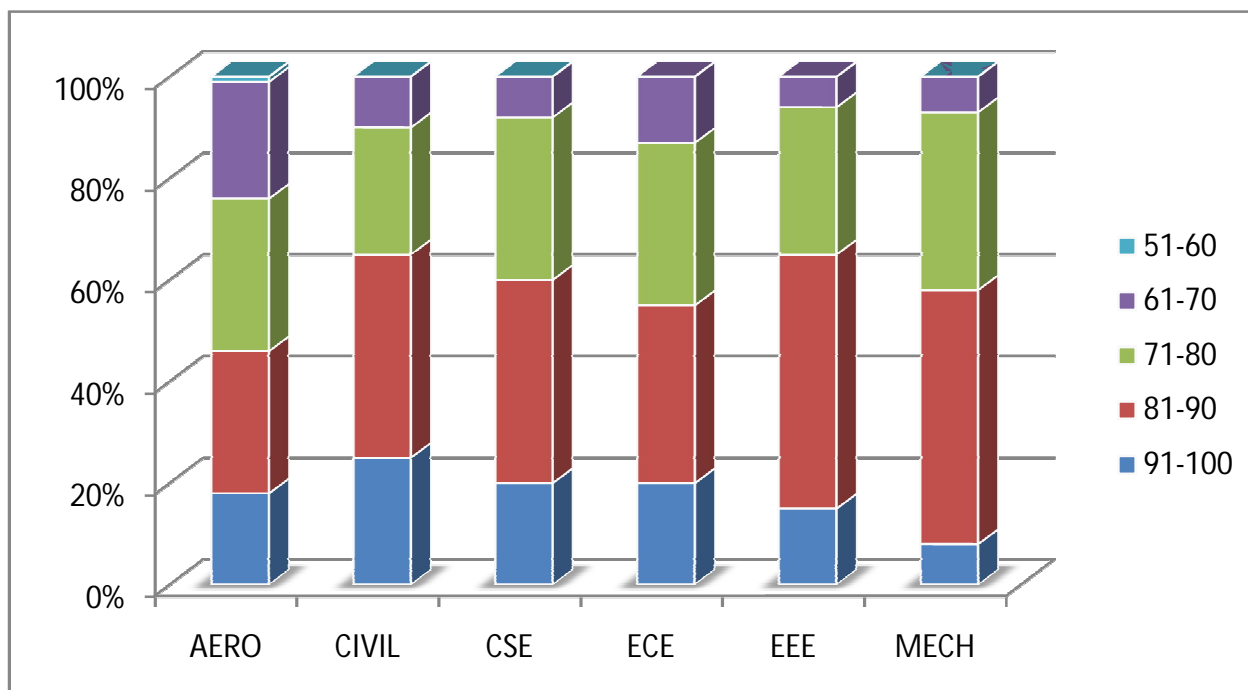
ANNEXTURE IV

**FEEDBACK FROM STAKEHOLDERS - ANALYSIS**

**Student's Feedback Analysis Odd Semester**



**Student's Feedback Analysis Even Semester**



## **Parents Feedback**

The following points are observed from the feedback of parents while conducting PTAmeeeting

1. Quality of teaching offered by the college is good
2. Discipline maintained by the college is excellent
3. Technical knowledge and communication skills acquired by student after the admission to our college is fair
4. Examination system adopted by the college is satisfactory