ANNUAL QUALITY ASSURANCE REPORT 2017-2018

INTERNAL QUALITY ASSURANCE CELL

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

Mount Zion College of Engineering and Technology

Lena Vilakku, Pudukkottai Dt. - 622507, Tamil Nadu.
Ph.: 04322 – 320801, 320802, Fax: 08030723678
Website: www.mzcet.in, Email: info@mzcet.in

CONTENT

MOUNTZION COLLEGE OF ENGINEERING AND TECHNOLOGY
The Annual Quality Assurance Report (AQAR) of the IQAC
1st July 2017 to 30th June 2018

Part – A

AQAR for the year :

2017-2018

1. Details of the Institution

1.1 Name of the Institution :

MOUNTZION COLLEGE OF ENGINEERING AND TECHNOLOGY

1.2 Address Line 1 :

LENA VILAKKU

Address Line 2 :

PILIVALAM

City/Town :

PUDUKKOTTAI

State :

TAMIL NADU

Pin Code :

622507

Institution E-mail Address :

info@mzcet.in

Contact Nos. :

04333-294400

Name of the Head of the

Institution :

Dr. P.Balamurugan

Tel. No. with STD Code :

04333-294400

Name of the IQAC Co-ordinator	:	Prof. A. TaksalaDevapriya
Mobile	:	+91 8056544077
IQAC e-mail address	:	iqac@mountzion.ac.in

1.3 **NAAC Track ID** : TNCOGN20045

1.4 **NAAC Executive Committee No.& Date** : EC(SC)/04/A&A/26&10.12.2014

1.5 Website address : www.mzcet.in

Web-link of the AQAR : http://www.mzcet.in/aqar.aspx

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B	2.45	2014	9-12-2019

1.7 Date of Establishment of IQAC: 28-05-2008

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 **04-12-2015**

  ii. AQAR 2015-16 submitted to NAAC on **09-12-2016**

  iii. AQAR 2015-16 submitted to NAAC on **06-12-2017**

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 (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   06

2.2 No. of Administrative/Technical Staff   01

2.3 No. of Students   02

2.4 No. of Management Representatives   01

2.5 No. of Alumni   01

2. 6 No. of any other Stakeholder and
                                                   01
   Community Representatives

2.7 No. of Employers/ Industrialists   01

2.8 No. of other External Experts   01

2.9 Total No. of Members   14

2.10 No. of IQAC meetings held   03

2.11 No. of meetings with various Stakeholders: No. 05   Faculty 03

       Non-Teaching Staff Students   01   Alumni   01   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. | 40 | International | 01 | National | 07 | State | 01 | Institution Level | 31

(ii) Themes

Department	Activities
Civil	1. Workshop on Planning and Marking 2. Workshop on Water Quality Analysis and Concrete Testing 3. 24 hour workshop on Rebar Detailing and Modelling 4. Hands on Training on Model Making 5. Workshop on Basics Test on Construction Materials 6. National Technical Symposium Kreintos -2K18
CSE	1. National Level Technical Symposium Techquest'18 2. Workshop on IoT 3. Five - Day FDP on Firewall Implementation by ICTACT 4. Reboot -2k18 5. 24 hour Workshop on C Programming 6. 24 hour Workshop on Python Programming 7. 24 hour Workshop on DBMS Programming 8. Value Added Course on Mobile Application Development Using Android 9. Value Added Course on Networking And Operating Systems 10. Value Added Course Compiler Designs 11. Value Added Course on Microprocessors And Micro Controllers 12. Workshop on Python by CSI 13. Seminar on Cyber Security 14. Value Added Course on Networking 15. Value Added Course on Raspberry Pi
ECE	1. 24 hour workshop on PCB Design Layout and Circuit Implementation 2. Workshop on Industrial Automation 3. 24 hour Workshop on Arduino and its Applications 4. Workshop onCarrier Opportunities in Airport and Air Traffic Control 5. National Level Workshop on Arduino 6. Seminar on Career Opportunities in DRDO 7. 24 hour workshop on PCB Design Layout and Circuit Implementation 8. IETE State Level Student Convention
EEE	1. National Workshop on Hybrid Electric Vehicles – Overview and Modelling 2. National Level Seminar on Super Conductors and Ultra Conductors 3. National Level Workshop on Graphical System Design using LabVIEW 4. Two - Week ISTE STTP on Electric Power System
MECH	1. Workshop on Automotive Industry Practices 2. National level Technical workshop on Optimization of Tools and Techniques 3. Seminar on Recent trends in Mechanical Engineering
ALL Departments	1. International Conference on Recent Trends in Engineering and Technology 2. Pongal Celebration 3. Cultural Celebration 4. Annual day and Sports Day

2.14 Significant Activities and contributions made by IQAC

The IQAC formulates plans for various academic and non-academic activities

The activities are

- Monitoring the effective implementation of Programme Educational Objectives, Programme Outcomes, Programme Specific Outcomes, Course Objectives and Course Outcomes as per the accreditation standards.
- Organizing inter and intra institutional workshops, seminars and value added courses on quality related themes and promotion of quality circles
- Collecting feedback from students, parents, alumni to enrich the quality of the institution
- Conducting regular department meeting to enhance staff development for quality related activities
- Preparation of the Annual Quality Assurance Report (AQAR) as per the guidelines and parameters of NAAC, to be submitted to NAAC.

2.15 Plan of Action by IQAC/Outcome

Plan of Action	Achievements
To increase the overall result by at least 10%	Most of the target students cleared their arrears in the University examination
To get funded projects	Proposals are submitted periodically
To increase the number of publications in peer reviewed journals	Details attached in Annexure I
To increase the number of University rank holders	10 students got University ranks
To involve interdisciplinary projects and industry based projects	Details attached in Annexure I
To improve the co-curricular and extra-curricular activities	Details attached in Annexure I
To improve consultancy activities	Consultancy activities are carried out by Civil and CSE department

Academic Calendar is attached as Annexure II.

2.16 Whether the AQAR was placed in statutory body   Yes ✓   No ☐

Management ☐   Syndicate ☐   Any other body ☐

Provide the details of the action taken

Management approved the AQAR after a detailed discussion with college authorities and formal sanction is given. Also the management has suggested some ideas for the overall development.
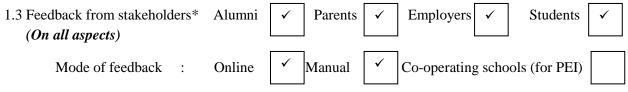
Criterion – I

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	04	--	04	--
UG	05	--	05	--
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	9	--	9	--

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

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

Pattern	Number of programmes
Semester	9
Trimester	--
Annual	--

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

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

Analysis of the feedback is 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
161	157	2	2	

2.2 No. of permanent faculty with Ph.D.

```
5
```

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
43	--	--	23	--	12	--	--	43	35

 * Necessary faculty positions are recruited and filled up in the cadre of Assistant Professors as suitable candidates are not available for the post of Associate Professors and Professors.

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	--	15	65
Presented papers	51	01	--
Resource Persons	--	02	--

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

- Smart class rooms with audio-visual teaching to enrich the teaching learning activity
- Academic audits for continuous improvement
- Activity based learning
- Value added courses to impart practical knowledge
- NPTEL materials which contain video lectures are provided for student access in the Library
- Industrial/educational tours and visits to various companies, for gaining real experience about the outside world
- Aptitude trainings are offered to the students as part of teaching-learning process for improving their placement
- Study materials (soft copy/power point) are shared through online
- Sports activities for students to make them strong both physically and mentally which indirectly helps them to improve their learning skills
- Refresher courses and bridge courses are conducted for first year and lateral entry students for the smooth academic transition towards Engineering pedagogy

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

| 154 |

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. The internal assessment tests are conducted and evaluated as per the guidelines of the affiliating University. An exclusive examination cell is established to conduct all internal assessment tests and University examinations.

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

| **84.94 %** |

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	CIVIL	128	0.78	37.50	16.40	--	54.69
	CSE	67	--	47.76	5.90	--	53.66
	ECE	64	--	51.56	3.125	--	54.68
	EEE	59	--	35.59	8.40	--	43.99
	MECH	138	--	36.23	13.28	--	49.51
PG	M.E STRUCURAL	15	6.67	66.67	--	--	73.34
	M.E CSE	3	--	100	--	--	100
	M.E CS	9	33.33	55.56	--	--	88.89
	M.E PED	2	--	100	--	--	100
TOTAL		485	13.57	58.99	9.42	--	61.87

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

> IQAC assists the college in preparing academic plan every year. It conducts workshops, seminars, conferences and guest lectures by the subject experts from esteemed institutions. It monitors the teaching and learning process by conducting internal academic audit by a specially constituted internal academic audit committee. Evaluation of teaching process is done on the basis of feedback from the students and other stakeholders.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher Courses	05
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	01
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	12
Summer / Winter schools, Workshops, etc.	62
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	31	--	05	--
Technical Staff	24	--	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
- Conducts Research talk for the staff members to create an awareness about the recent technology
- Encourages the staff members to undertake major and minor research projects and to organize seminars, workshops, conferences, etc.,
- Motivates the staff members to submit project, seminar, workshop proposals for funding
- Sponsors the staff members to attend seminars, workshops and conferences
- Motivates the staff member and PG students to publish papers in the peer reviewed journals
- Encourages the staff members to involve in collaborative research, inter disciplinary research, industry sponsored research and consultancy activities
- Conducts research review meetings for the staff members those who are having above five years of experience and the staff members persuing Ph.D
- Motivates the students to do many innovative projects and participate in competitions at National and International level
- Upgrades library resources constantly for research
- Motivate the students to initiate industrial projects

3.2 Details regarding major projects

	Completed	**Ongoing**	**Sanctioned**	**Submitted**
Number	--	--	--	--
Outlay Rs. in Lakhs	--	--	--	--

3.3 Details regarding minor projects

	Completed	**Ongoing**	**Sanctioned**	**Submitted**
Number	--	--	--	--
Outlay Rs. in Lakhs	--	--	--	--

3.4 Details on research publications

	International	**National**	**Others**
Peer Review Journals	15	--	--
Non-Peer Review Journals	10	--	--
e-Journals	--	--	--
Conference proceedings	52	--	--

3.5 Details on Impact factor of publications:

Range 0.25 - 2   Average 1.1   h-index 19   Nos. in SCOPUS 19

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	--	--	--	--
Students research projects *(other than compulsory by the University)*	--	--	--	--
Any other(Specify)	--	--	--	--
Total	--	--	--	--

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   [0.7]

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   [2]

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 [5]

Total [5]

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
	--	--		--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides   [02]

and students registered under them   [04]

3.19 No. of Ph.D. awarded by faculty from the Institution   [01]

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 [41]   State level [53]

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	03	State level	--
National level	--	International level	--

3.24 No. of Awards won in NCC:

University level	--	State level	--
National level	--	International level	--

3.25 No. of Extension activities organized

University forum	--	College forum	--		
NCC	--	NSS	01	Any other	14

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

- The institute adopted a government school and conducted various awareness programmes to educate and upgrade the students for better learning environment.
- As a part of social responsibility, Institution has conducted following extension programs through Clubs and Societies.

  - Dengue Awareness Camp
  - Blood Donation Camp
  - Health Awareness Programme
  - Seminar on Family Welfare Laws
  - Organ Transplantation Awareness programme
  - Cleanliness and Sanitation Awareness March
  - HIV/AIDS Awareness programme
  - World Population Day
  - Legal Awareness Programme on Family Welfare Laws
  - School Adaptation Programme

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	23.35Acres	--		23.35Acres
Class Rooms	54	--		54
Laboratories	50	--		50
Seminar Halls	04	--	Management	04
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	--	01		01
Value of the equipment purchased during the year (Rs. in Lakhs)	--	1		1
Others	--	--		--

4.2 Computerization of administration and library for

> • Online Public Access Catalogue (OPAC) facility is available in library for searching the availability of the resources
> • Administrative departments are fully computerised

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (in Lakhs)	No.	Value (in Lakhs)	No.	Value (in Lakhs)
Text Books	32000	55.21	1005	4.72	33005	59.93
Reference Books	1674	2.44	25	0.85	1699	3.29
Journals	757	7.37	10	0.50	767	7.87
e-Journals	IEEE,ASME, ASCE	2.3	--	--	--	2.3
Digital Database	DELNET	0.15	--	--	DELNET	0.15
CD & Video	205	0.25	20	0.3	225	0.28
Others (Weekly, Monthly Magazines and Daily Newspapers)	30	0.75	5	0.5	35	0.8

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept	Others
Existing	724	18	50Mbps	18	18	37	20	30
Added	35	--	--	--	--	--	--	--
Total	759	18	50Mbps	18	18	37	20	30

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

- Wi-Fi Enabled Campus
- Providing computer with internet access in the ratio of 2:1 to upgrade the technology for staff and students
- Web designing competition was conducted for first year students

4.6 Amount spent on maintenance in lakhs:

i) ICT   17.61

ii) Campus Infrastructure and facilities   31.23

iii) Equipment's   5.74

iv) Others   38.58

Total: 93.16

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> IQAC creates awareness about Student Support Services through
>
> - Orientation programme
> - Class committee meeting
> - Information displayed on college website/ notice board
> - Faculty advisor meeting

5.2 Efforts made by the institution for tracking the progression

> Each department maintains records related to students performance.
>
> Tracking the progression is done by,
>
> - Monitoring academic performance
> - Regular monitoring of students attendance and participation in co-curricular and extra-curricular activities
> - Regular mentoring through counseling system
> - Regular feedback through online, class committee meeting and parent teacher meeting

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others	Total
1826	75	-	-	1901

(b) No. of students outside the state

10

(c) No. of international students

--

Men

No	%
1276	67

Women

No	%
625	33

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
47	330	-	1534	-	1911	58	346	1	1496	--	1901

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

- Encouraging the students to attend competitive examinations
- Providing the materials required to prepare for competitive examinations through library
- Arranging Career development programmes
- Providing GATE/TANCET coaching for students through Career Guidance Cell during the regular class hours by the subject teacher
- Conducting Communicative English classes for the students to qualify in the competitive exams
- Arranging Aptitude training and Soft skills training through Training and Placement Cell

No. of students beneficiaries

455

5.5 No. of students qualified in these examinations

NET	--	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	--	State PSC	--	UPSC	--	Others	--

5.6 Details of student Counselling and Career Guidance

A faculty advisor is allotted for a batch of 15 - 20 students to monitor and counsel the student's progress of students in academic, co-curricular and extracurricular activities periodically

Student Counselling
- On 21st December 2017, C.Thirumurthi, MA., BL., Senior Advocate, Pudukkottai delivered a talk about The Legal Rights of Women

Career Guidance
- On 31st August 2017, Awareness programme on GATE 2018 Examination was conducted by Nazrana, Instructor, Gate Forum
- On 24th January 2018, M. Haja Mydeen,, The Princeton Review, Trichy conducted an Awareness programme on GRE, GMAT, IELTS, TOEFL Examination

No. of students benefitted

1901

5.7 Details of campus placement

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
30	480	279	09

5.8 Details of gender sensitization programmes

- National wide competition to create awareness about legal rights of women was conducted on 13th November 2017
- Competitions such as English essay writing, Slogan writing, Drawing and Poster design was conducted on Women's day in the campus 8th March 2018

5.9 Students Activities

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

State/ University level | 151 | National level | 17 | International level |

No. of students participated in cultural events

State/ University level | 95 | National level | | International level |

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

State/ University level | 82 | National level | | International level |

Cultural: State/ University level | | National level | | International level |

5.10 Scholarships and Financial Support

Particulars	Number of Students	Amount (in Lakhs)
Financial support from institution	223	55.5
Financial support from government	1115	429.81
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 | 25

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 and 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 have a Management Information System

Yes. The Institution has Management Information System (MIS) for academic and administrative functioning of the college. All relevant information about the college is published on the college website for reference.

Some forms of MIS are

- Monthly Review Meeting
- Daily Absentees Report
- Online feedback system
- Semester Progress Report

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. Based on the discussion in IQAC and governing council meeting, we are taking steps to the fill the gap between Anna University syllabus and industrial requirements by conducting value added courses, workshops, seminars, and hands on trainings.

6.3.2 Teaching and Learning

Teaching Learning Process is enhanced through

- Deploying ICT method of teaching
- Teaching live demos of working models using smart class rooms
- Conducting guest lectures, hands on training and mini projects
- Sharing the course content through mail
- Conducting periodic Class Committee Meetings for analyzing the progression of teaching like syllabus coverage, level of understanding and mentoring
- Collecting feedback from the respective students about the teaching methodology of a staff member for improving the quality of teaching learning process

6.3.3 Examination and Evaluation

College follows the examination and evaluation reforms of the affiliating University. Institution conducts three internal assessment tests. Staff members prepare question papers along with the answer key as per the University question paper pattern and evaluate the answer scripts within 2 days after the completion of the internal examination. Each department conducts the result analysis meeting to review their progression. Anna University conducts the end semester examinations twice in a year.

6.3.4 Research and Development

A separate Research and Development Cell is functioning with a designated R & D coordinator. Efforts are being taken to obtain research projects, grants from funding agencies. The Institution offers 100% of the registration fee with OD for the staff members who are attending the workshops, seminars and conferences and also provides incentives for the consultancy activities. The college Library has subscribed National/International and e-journals for various domains.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library

Library has sufficient e-journal like DELNET and sufficient back volumes for all the departments. Every year, additional volumes of books are added based on the staff and students suggestions given through OPAC. Every class has one library hour per week, for permitting the students to access the reference books and journals which augments the learning process. Apart from the central library, every department has a Department Library as well.

ICT

All classrooms and seminar halls are enabled with ICT tools. Also 24 x 7 Internet, Wi-Fi, CC TV surveillance services are provided.

Physical infrastructure/instrumentation

Institution has enough classrooms, smart classrooms, video conferencing facility, well-equipped practical laboratories, uninterrupted power supply for every department. Also providing other comforts such as canteens, bank, post office, hostels, staff quarters, separate gym/playground facilities for all the students in the campus.

6.3.6 Human Resource Management

A well-established team manages Human Resource of the College. It is responsible for the selection, training, assessment and rewarding of employees. Proper care is taken in the selection process for keeping quality in the appointments. Staff sent for various types of training programme and workshops for enhancing their competence. Work is distributed as per qualifications and experience of the staff. Incentive is also given to the staff members.

6.3.7 Faculty and Staff recruitment

Based on the vacancy in all the departments, advertisement is given in newspapers and college website. The short listed candidates are called for an interview. The recruitment committee comprises Principal, HoDs, conducts the interview and select the candidates based on their educational qualification, technical skill, communication skill, interest in teaching profession, professional competency etc., The College Committee finally approves the selection and the Director issues the appointment order to the selected candidate.

6.3.8 Industry Interaction / Collaboration

Industry Institute Interaction Cell aims to facilitate the process of close industry-institute interaction. It arranges industrial visits every year for all departments. During the academic year of 2017-18, our students visited 23 various industries. It also encourages the students to attend internship and in plant training in nearby industries.

6.3.9 Admission of Students

The College ensures transparency in the admission process by strictly adhering to the guidelines issued by the AICTE, Govt. of Tamil Nadu, Directorate of Technical Education and Anna University.

6.4 Welfare schemes for

Teaching	Incentives, Transport facilities, Staff tour, Staff Quarters, Medical and Maternity Leave, EPF, Festival Advance, Closed User Group mobile phone facility and Vehicle Loan
Non-teaching	Free Transport facilities, Medical and Maternity Leave, EPF, Festival Advance, Closed User Group facility and Vehicle Loan
Students	Academic Scholarship, Sports Scholarship, Insurance, Fee Concession for meritorious students, Educational tour.

6.5 Total corpus fund generated in Lakhs   500

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	Max Certifications	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?   **NA**

For UG Programmes   Yes [ ]   No [ ]

For PG Programmes   Yes [ ]   No [ ]

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

NA

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

NA

6.11 Activities and support from the Alumni Association

Alumni are invited to visit the college for guest lecturers and interaction with students to enhance the knowledge and skills of the students. The alumni help in bringing industries and companies for campus placements and provide employment opportunities to the students. During the academic year of 2017-18, four alumni visited our college and interacted with the students. Also Alumni Meet – 18 was conducted on 29th March 2018.

6.12 Activities and support from the Parent – Teacher Association

The Parent – Teacher Association arranges meeting to offer suggestions for further improvement and development works to be carried out for the growth of the department. The parents get an opportunity to interact with the faculty advisors and Heads of the Departments to know about their ward's academic performance.

6.13 Development programmes for support staff

Management supports technical staff for their higher education and also motivates them to undergo industrial training.

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

Institute is very careful to keep the campus plastic free. Green Campus Initiative cell and Energy Audit cell are actively involved in the maintenance of ecological; balance in the campus. The institute has the following eco-friendly scenarios
- Organic Garden
- Rainwater harvesting
- Bio-waste recycling
- Minimizing paper usage
- Tree plantation

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

> - Model based learning practice to students
> - 24 hour hands on training for students
> - Value added courses for students
> - ICT facilities in every class room
> - Research review meeting every month

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%	Concentrating on target students	Most of the target students cleared their arrear in the University examination
To get funded projects	Motivated the staff members to submit proposals	Regularly proposals are submitted
To increase the number of publications in peer reviewed journals	Trained the staff members to write papers	Published 25 papers in peer reviewed journals
To depute staff to acquire Ph.D from well reputed institutes	Motivated staff members to register for Ph.D	3 staff members registered for their Ph.D
To increase the number of University rank holders	Concentrating on toppers from II semester onwards	10 students got University ranks
To involve interdisciplinary projects and industry based projects	Motivating the students about the benefits of interdisciplinary projects	Students are doing interdisciplinary projects to address the social issues
To practice interactive classes using modern tools	Equipped all the class rooms with smart board and wi-fi facility	Utilized innovative teaching methods to show real time live streaming videos inside class room
To improve consultancy activities	Industrial collaboration	Continued consultancy activities

7.3 Give two Best Practices of the institution

> - Internship to all the students
> - 24 hour workshop for students

   Details provided in annexure III

7.4 Contribution to environmental awareness / protection

- Started organic garden in campus
- Continued rain water harvesting system
- Carried out periodic energy auditing by Energy Audit cell for energy saving
- Inspected college vehicles regularly for carbon emission and maintenance
- Offered environmental science as an elective subject
- Maintaining the green campus in an eco-friendly way

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
- Well qualified, committed and experienced staff members
- Upgrade the quality by regular staff development programmes through seminars, conferences and workshops
- Updated library needs
- Good placement record
- Provided internet facility up to 50 Mbps with the Wi-Fi connection
- Uninterrupted power backup
- Environment friendly campus
- Publicity through successful alumni

Weakness

- Number of students undergoing for GRE/TOEFL/GATE examination is less
- No funded projects
- Industrial collaboration has to be improved
- Consultancy activity has to be strengthened

Opportunity

- Involve more faculty members in research through incentives. Increased external funding is an opportunity to increase revenue through indirect cost recovery
- Opportunity to maximize on potential of Center of Excellence

Threats

- Inadequate Research funding

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

Teaching and Learning

- To implement student centric learning activity
- To enhance virtual learning through ICT facility
- To improve overall result by 10%
- To increase the number of University rank holders
- To enhance industry based projects

Research

- To increase research publications significantly
- To improve consultancy activities
- To get more funded research projects
- To get patent rights
- To involve interdisciplinary projects

Others

- To achieve good position in affiliated colleges of Anna University
- To improve communication skills of students
- To provide special coaching for GRE/TOEFL/CAT
- To practice student seminar (other than curriculum)

Name: A.TaksalaDevapriya   *Name:* Dr. P. Balamurugan

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

ANNEXURE I

DETAILS OF ACHEIVEMENTS

1.1. Seminars/ Workshops/ Symposia organized

S.No	Date	Name of the Event	Resource Persons
1.	07-06-17	24 hour workshop on Rebar Detailing And Modelling	**Ramakrishnan A**, Assistant Professor, Department of Civil Engineering, Mount Zion College of Engineering and Technology, Pudukkottai.
2.	12-06-17 to 15-06-17	Two – week ISTE STTP on Electric Power System	Indian Institute of Technology, Kharagpur.
3.	21-06-17 to 23-06-17, 28-06-17 to 30-06-17 and 03-07-17 to 05-07-17	Value Added Course on Networking	**Gomathy Nayagam M, Venkatesh K**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
4.	28-06-17 to 30-06-17 and 03-07-17 to 05-07-17	Value Added Course on Raspberry Pi	**Sangeetha A**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology,Pudukkottai.
5.	07-07-17	National Level Workshop on Hybrid Electric Vehicles – Overview and Modelling	**Dr. Shankar Ram C.S**, Associate professor, IIT, Madras
6.	13-07-17 to 14-07-17	24 hour workshop on PCB Design Layout and Circuit Implementation	**Senthil Priya R M,** Assistant Professor, Department of ECE, Mount Zion College of Engineering and Technology, Pudukkottai.
7.	14-07-17	Workshop on Industrial Automation	**Raja T,** Business Executive **AjithKumar T,** Junior Programmer Elysium Technologies, Madurai.
8.	20-07-17	24 Hours Workshop on Visual Database Programming for IV year students	**Rohini P**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai
9.	20-07-17 to 21-07-17	Workshop on Water Quality Analysis And Concrete Testing	**Manikandan SM**, Assistant Professor, Department of Civil Engineering, Mount Zion College of Engineering and Technology, Pudukkottai.
10.	21-07-17	National Level Workshop on Graphical System Design using LabVIEW	**Dr. Sanjeevi Gandhi A**, Profeesor, Department of EIE, Karpagam College of Engineering, Coimbatore **Samson Isaac J**, M.Tech,Ph.d*., Assistant Professor, Department of EIE, Karunya University, Coimbatore.
11.	21-07-17	Workshop on Automotive Industries Practices	**Ashok Kumar R**, Head, Business Development, Unity Fabtest Industries pvt. Ltd. Chennai.

S.No	Date	Name of the Event	Resource Persons
12.	10-08-17	24 Hours Workshop on Visual Database Programming for II year students	**Rajkumar P**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
13.	18-12-17 to 22-12-17	Value Added Course on Mobile Application Development using Android	**Hemaswathi S**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
14.	18-12-17 to 22-12-17 and 20-12-17 to 22-12-17	Value Added Course On Networking And Operating Systems	**Sasikala S**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
15.	18-12-17 to 22-12-17	Value Added Course Compiler Designs	**Nancy Priya S**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
16.	18-12-17 to 22-12-17	Value Added Course on Microprocessors and Micro Controllers	**Rajkumar P**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
17.	21-12-17 to 22-12-17	24 hour Workshop on Arduino and Its Applications	**Ramachandran K,** Assistant Professor, Department of ECE, Mount Zion College of Engineering and Technology.
18.	26-12-18 to 30-12-18	Five - Day FDP on Firewall Implementation, Configurations and Management	**Shanmugavel**, Senior S, IT Trainer, Deputed from Palo Alto, ICTACT.
19.	28-12-17	Workshop on Carrier Opportunities in Airport and Air Traffic Control	**Anbalagan S A,** Manager, Air Traffic Management Airport Authority of India Madurai
20.	02-01-18	Hands on Training on Model making	**Ramakrishnan A**, Assistant Professor, Department of Civil Engineering, Mount Zion College of Engineering and Technology, Pudukkottai.
21.	24-01-18 to 25-01-18	Workshop on Planning and Marking	**Reginamary I**, Assistant Professor, Department of Civil Engineering, Mount Zion College of Engineering and Technology, Pudukkottai.
22.	25-01-18	24 Hours Workshop on Python Programming	**Priya K**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
23.	29-01-18 to 30-01-18	Workshop on Basics Test on Construction Materials	**Manikandan SM**, Assistant Professor, Department of Civil Engineering, Mount Zion College of Engineering and Technology, Pudukkottai.
24.	02-02-18	Workshop on Python Programming	**Suresh P , ThangaKrishnan,** CSI Regional Student Coordinator.
25.	09-02-18	IETE State Level Student Convention	**Dr. Swarna Ravindara Babu,** Chairman IETE, Chennai.
26.	22-02-18	National Level Seminar on Super Conductors and Ultra Conductors	**Dr. Nagalakshmi R**, Assistant Professor, Dept of Physics, National Institute of Technology, Tiruchirappalli.

S.No	Date	Name of the Event	Resource Persons
27.	23-02-18	National Level One Day Workshop on Arduino	**Ganesan S, Ramachandran K, AP** Assistant Professor, Department of ECE, Mount Zion College of Engineering and Technology.
28.	26-02-18	Reboot 2K18	**Rajkumar P**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
29.	28-02-18	Seminar on Cyber Security	**Muruganadham C,** Technology Service Manager, Fidelity National Information Services, Bangalore.
30.	01-03-18	National Level Technical Workshop on Optimization Tools And Techniques	**Dr. Jeyapaul R**, Department of Mechanical, NIT, Trichy.
31.	09-03-18	National level Technical Symposium Techquest'18	**Malarchelvan N.K**, Director, Teeezie Telematics, Chennai **Venkatesh S**, Senior Manager, Teeezie Telematics, Chennai.
32.	12-03-18 to 15-03-18	Two - Day Workshop On Raspberry Pi For Diploma Students	**Sangeetha A**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
33.	14-03-18	Workshop on IoT	**Dr. Malliga S**, Senior Professor, Kongu Engineering College, Erode. **Dr. Kogilavani S**, Professor, Kongu Engineering College. Erode.
34.	16-03-18	Seminar on Career Opportunities in DRDO	**Nachiappan C,** Scientist E (Retd), SV Division, CVRDE, Chenna.
35.	22-03-18	24 hour Workshop on PCB Design Layout and Circuit Implementation	**Senthil Priya R M,** Assistant Professor, Department of ECE, Mount Zion College of Engineering and Technology.
36.	22-03-18	Seminar on Recent Trends in Mechanical Engineering	**Dr. Ramji M**, Dept of Mechanical and Aerospace Engineering, IIT, Hyderabad.
37.	22-03-18	24 Hours Workshop on C Programming for I year students	**Rohini P**, Assistant Professor, Department of CSE, Mount Zion College of Engineering and Technology, Pudukkottai.
38.	23-03-18	National Level Technical Symposium (KREINTOS 2K18)	**Venkatachalam A**, Divisional Engineer, Tamil Nadu Road Sector Project II, Trichy.
39.	26-03-18 to 28-03-18	Annual Day and Sports Day	**Shri. Bharathi Krishnakumar,** Director, Producer, Writer & Orator **Shri. Hari Krishnan,** Sr. Divisional Commercial Manager, Indian Railway Traffic Service, Madurai.
40.	23-04-18 to 24-04-18	International Conference on Recent Trends In Engineering & Technology	**Dr. Martin Mkandawire**, Associate Professor of Chemistry Chair, **Dr. Shimal Fernandopulle**, Senior Instructor, Department of Chemistry, **Dr. Raj Kaliaperumal**, Senior Research Assistant, Cape Breton University, Sydney, NS, Canada. and **Dr. Sadiq Batcha Abdul Rahim**, School of Electrical and Electronics Engineering, Linton University College.

1.2. Publication by Staff members and Students

1. Srinivas J, "Enhanced Structural, Surface Morphological, Optical and Antibacterial Activity of Undoped and Ag Doped Bifeo3 Nano Powders" International Journal of Advance Engineering and Research. IC MNRE-2018, vol. 5, no. 07, 2018.

2. Srinivas J, "Facile Combustion Synthesis, Structural, Morphological, Optical and Antibacterial Studies of Bi1−Xalxfeo3 ($0.0 \leq X \leq 0.15$) Nanoparticles" Ceramics International, vol. 44, no. 11, 13247–13252. 2018

3. Srinivas J, "Enhanced Magneto-Optical And Antibacterial Studies Of Bi1-Xmgxfeo3 ($0.0 \leq X \leq 0.15$) Nanoparticles", Journal of Superconductivity and Novel Magnetism (JOSC)

4. Divya K and Elavarsi D, "Retinal image processing using neural network for disease prediction" , International Journal of Innovative Research in Computer and Communication Engineering , vol. 6, no. 2, pp. 1007 – 1015, 2018.

5. Sasi Kumar N, Hemaswathi S," Bandwidth aware routing for improving QoS in AODV", International Journal Of Innovative Research in Computer and Communication Engineering, vol 6, no. 2, pp. 965 – 970, 2018.

6. Divya Dharshini N and Gomathy Nayagam M," Self-vision assessment system with face recognition using distance learning approach", International Journal Of Innovative Research in Computer and Communication Engineering, vol. 6, no. 2, pp. 978 – 984, 2018.

7. Massoudi Radhouene, Mayur Kumar Chhipa, Monia Najjar, Robinson S, and Bhuvneshwer Suthar, "Novel Design of Ring Resonator Based Temperature Sensor using Photonics Technology", Springer-Photonic Sensors, vol. 7, no. 4, pp. 311-316, 2017.

8. Venkatachalam K, Sriram Kumar D and Robinson S, "Investigation on 2D-Photonic Crystal based Eight Channel Wavelength Division Demultiplexer", Springer-Photonic Network Communications, vol. 34, no. 1, pp. 100-110, 2017.

9. Ramachandran K and Senthil Priya RM, "Smartphone Based Home Automation using IOT", International Consortium of Scientists and Researchers, vol. 2, no. 1, pp. 1-7, 2017.

10. Hemalatha P and Vijitha Ananthi J, "Dynamic Performance of an Attacker Replacement Algorithm for Wireless Sensor Networks" Asian Journal of Research in Social Sciences and Humanities, vol. 7, no. 9, pp. 235-244, 2017.

11. Radhouene M, Najjar M, Chippa M, Robinson S and Suthar B, "Performance Optimization of Six Channels WDM Demultiplexer Based on Photonic Crystal Structure", Journal of Ovonic Research, vol. 13, no. 5, pp. 291-297, 2017.

12. Sugnaya T and Robinson S, "Design of 2D Photonic Crystal Based Force Sensor using Paralleloid Ring Resonator", ICTACT Journal on Micro-Electronics, vol.3, no.3, pp. 425-430, 2017.

13. Jayson Keerthy Jayabarathan, Sivanathanraja A and Robinson S, "Quality of Service Enhancement of Mobile Adhoc Networks using Priority Aware Mechanism in AODV Protocol", Springer- Wireless Personal Communications, vol. 96, no. 4, pp. 5897-5909, 2017.

14. Hemalatha P, Vijitha Ananthi J and Kalaivani R, "Analysis of Reverse Tracing Algorithm (RTA) for The Detection of Dos Attacks in MANET", International Journal of Autonomic Computing, vol. 2, no.4, pp. 311-322, 2017.

15. Angelin Simi J, Parameshwari K, Rama Prabha K , Nandhini K and Nagalakshmi S, "Browser Controlled Robot using Raspberry Pi", International Consortium of Scientists and Researchers Journal, vol. 3, no. 1, pp. 1-6, 2017.

16. Ramya B, Supratha C and Robinson S, "Design and Analysis of Comb Shape Microstrip Patch Array Antenna for WLAN Applications", ICTACT Journal on Communication Technology, vol.9, issue no. 1, pp. 1702-1705, 2018.

17. Vijitha Ananthi J, "Secure Communication over Wireless Sensor Devices using Intelligent Arrival Estimation Algorithm", International Journal of Networking and Virtual Organization, vol. 19, no. 2-4, pp. 385-394, 2017.

18. Sakthivel P, Jayasri T, Madhumitha J, Mahalakshmi S and Subhashini N, "Influence Of Cd on Optical and Photoluminescence Behavior of Zn0.98-Xcdxmn0.02S Quantum Dots Under Ar Atmosphere", Elsevier – Optik, vol.154, no. 9, pp. 74-82, 2018.

19. Ramya B, Supratha C and Robinson S, "Design and Analysis of Microstrip Patch Array Antenna for WLAN Applications", ICTACT Journal on Micro Electronics, Vol.3, no. 4, pp. 457-461, 2018.

20. Venkatachalam K, Sriram Kumar D and Robinson S, "Investigation of 2D-Photonic crystal resonant cavity based WDM Demultiplexer", Opto-Electronics Review, vol. 26, no. 2, pp. 108-115, 2018.

21. Rajaseker S and Robinson S, "Trapeziod 2D Photonic Crystal Nano-Ring Resonator based Channel drop filter for WDM Systems", Springer-Photonic Network Communications, no.2, ISSN: 1572- 8188, pp. 1-6, 2018.

22. Massoudi Radhouene, Monia Najjar, Mayur Kumar Chhipa, Vijay Janyani, Robinson S and Bhuvneshwer Suthar, "Modeling of small size and low crosstalk DWDM demultiplexer based on photonic crystal ring resonator", Journal of Nanoelectronics and Optoelectronics, no. 13, ISSN 2395-1680, June 2018.

23. V Kavitha and P Balamurugan, A smart sensor network localization for electric grids , cluster computing, ISSN: 1386-7857 (Print) 1573-7543 (Online) (article in press)

24. L. Maanundi Azaath, U. Natrajan, E. Mohan, "Comparative Analysis Of Tool Tip Temperature Using Deform 2-D And Advantedge", International Research Journal Of Engineering And Technology, vol. 04, no. 12, pp. 8-12, 2017.

25. E. Mohan, U. Natrajan and L. Maanundi Azaath, "Experimental Analysis Of Vibration Control In Boring Operation Using Passive Damper", International Research Journal Of Engineering And Technology, vol. 04, no. 12, pp. 1-7, 2017.

1.3. Conference Proceedings by Staff members and Students

1. Arasakumar A, "Adsorption studies on the removal of basic dye Rhodamine-B from aqueous solution by the use of Activated low cost Senna Auriculata Fruit Nano Carbon." Jan-2018, Organised by Mother Terasa Women's University, Kodaikanal.
2. Arasakumar A, "Adsorption and equilibrium studies on the removal of Congo red from aqueous solution by the use of Activated low cost Annona Squamosa.L Bark Nano Carbon." Apr-23,24 -2018, Organised by Mount Zion Engineering College, Pudukkottai.
3. Arasakumar A, "Production Of Electricity Using Human And Cow Urine." Mar-8,9-2018, Organised by J.J College of Arts and Science, Pudukkottai.
4. Manikandan S, "Experimental investigation on E-Plastic used in road construction (Plastic Road)." Apr-23,24 -2018, Organised by Mount Zion Engineering Collage, Pudukkottai.
5. Sivayogaraj A, "Study on direct tensile behaviour of hyrid fibre reinforced concrete." Apr-23,24 -2018, Organised by Mount Zion Engineering College, Pudukkottai.
6. Vidyakalaivani R, "Experimental investigation of partial replacement of waste plastic in concrete." Apr-23,24 -2018, Organised by Mount Zion Engineering College, Pudukkottai.
7. Vijayprakash M, "Effect of sludge retention time of the performance of membrane process." Apr-23,24 -2018, Organised by Mount Zion Engineering College, Pudukkottai.
8. Srinivas J, International conference on material physics, 29 Jan 2018, Organized by Department of Physics, Bishop Heber College Tiruchirappalli.
9. Srinivas J, International conference on momentous role of Nano materials in renewable energy devices, 01-02 Mar 2018, Organized by Department of Physics, Alagappa University, Karaikudi.
10. Srinivas J, International Conference on Recent Advances in Materials, 22-23 Mar 2018, Organized by Department of Physics, National College Tiruchirappalli
11. Mohamed Rameez Raja, "Study on distress of building in a coastal area" Apr-23,24 -2018, Organised by Mount Zion Engineering College, Pudukkottai.
12. GomathyNayagam, M. "Self-vision assessment system with face recognition using Support Vector(SV) Approach", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
13. Sathya M, "A Comparative Study on Data Mining Algorithm", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
14. Hemaswathi S., "Quality of service enhancement of mobile adhoc network using priority aware mechanism in DSR protocol", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
15. Elavarasi D.," Retinal based disease prediction using deep neural networks and SVM classification technique", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
16. Reka S., "A Comparative Study On Artificial Intelligence", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
17. Swaminathan G, "An energy economic planning algorithmic program for information centre using DVFS Technique", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
18. Sangeetha A., "Smart Phone Controlled Home Automation System Using Raspberry PI and Arduino", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).
19. Rajkumar P. "Experimental Performance Assessment of Relational Keyword Search Method", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).

20. Hemaswathi S.," Managing quality of the services in MANET using the hierarchical fair service curve", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).

21. GomathyNayagam M.," A study of various workflow model with bat optimization technique for real time object detection in cloud computing", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018).

22. SenthilRaja Manokar B," Identification of Lung Cancer using Different Sensor Arrays", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018)

23. Mayur Chippa, Robinson S, Massoudi Radhouene, Monia Najjar and Srimananarayana K, "2D Photonic Crystal Micro Cavity Ring Resonator Based Sensor for Biomedical Applications", IEEE Conference on Lasers and Electro Optics Pacific Rim, Photonics 2017 at Singapore, 30th July 2017 to 4th August 2017.

24. Vijitha Ananthi J and Vengatesan M, "Detection of Various Attacks in Wireless Adhoc Networks and its Performance Analysis", International Conference on Inventive Computing and Informatics (ICICI 2017) at Ranganathan Engineering College, 23rd and 24th Nov, 2017.

25. Vijitha Ananthi J, "Simulation of Sensor Device using Battery Replacement Approach", International Conference on Inventive Computing and Informatics (ICICI 2017) at Ranganathan Engineering College, 23rd and 24th Nov, 2017.

26. Ashikabanu A and Robinson S, "Design and Analysis of Micro strip Patch Antenna for 4G Communication", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

27. Sathya P and Robinson S, "Impact of Modulation Techniques for Hybrid-WDM based FSO", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

28. Supratha C and Robinson S, "Design and Analysis of MIMO Antenna for WLAN Application", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

29. Subhalakshmi G and Robinson S, "Design and Analysis of Optical Logic Gate using Two Dimension Photonic Crystal", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

30. Kavinmozhi G and Premkumar R, "A Hybrid Chaos Approach for Image Encryption using CTIC Map", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

31. Latha R and Premkumar R, "An Efficient Wavelet Transform based Steganography Technique using Chaotic Map", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

32. Vengatesan S and Vijitha Ananthi J, "Analysis of Smart Attack Detection in Wireless Adhoc Networks", IEEE international conference on current trends towards converging technology (ICCTCT) at SVS College of Engineering, Coimbatore, 01st to 3rd March 2018.

33. Arunkumar R, Hesanth Kumar A and Robinson S, "Design and Development of Microstrip Patch Antenna for Multiband Application", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

34. Menaka J, Pavithra R and Robinson S, "Investigation on Pointing Error in Multibeam Hybrid WDM for Free Space Optical Communication System", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

35. Ashika Banu A, Taksala Deva Priya A and Robinson S, "Design of Microstrip Patch Antenna on Photonic Crystal as Substrate for THz Application", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

36. Supratha C and Robinson S, "Single and Double Element PIFA MIMO Antenna for 5G Mobile Communication", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

37. Subhalakshmi G and Robinson S, "Photonic Crystal based Optical 4x2 Encoder using Hexagonal Shaped Ring Resonator", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

38. Sathya P and Robinson S, "Impact of DPSK Modulation for Hybrid –WDM based FSO using Multiple Beams", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

39. Premkumar R and Anand S, "Investigation on Image Encryption using Chaos based Techniques", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

40. Kavinmozhi G, Premkumar R and Anand S, "Asymmetric Image Encryption Scheme using High Speed Diffusion and Confusion", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

41. Latha R, Premkumar R and Anand S, "A Lightneight Encryption Algorithm for Secure WEB of Things", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

42. Taksala Deva Priya A, Devika A, Surya K and Selvamani R, "Enhancement of Isolation in UWB MIMO Antenna", International Conference on Recent Trends in Engineering and Technology

(ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

43. Ganesan S, "Garbage Monitoring System", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

44. Senthil Priya R M, Meenalosini V and Meenatchi S, "Autonomous Robotic Wheel Chair Controller for Physically Challenged Persons and Quadriplegia Patients", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

45. Vijay Nagaraj CT, "Design of Buck Boost Converter for non Linear Systems using Adaptive Controller", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

46. Ramachandran K and Valliammai PR, "Smart Phone based Home Automation using IOT", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

47. Vengatesan S and Vijitha Ananthi J, "Smart Attack Correction (SAC) Approach for Wireless Adhoc Network", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

48. Mariya Sheeba P and Melita Magdella P, "Performance Evaluation of Audio Quality for a Lossless Audio Codec using Integer MDCT", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

49. Melita Magdella P and Mariya Sheeba P, "An Automatic Blind Zone Event Notification System using Embedded Multi-Sensor Network", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

50. Mareeswaran M, "Design of Microcontroller based Vernier Fringe Counter for Interferometric Measurement of LASER Wavelength", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

51. Subashini N and Ponarasi N, "Dual Band Metamaterial Antenna for Wireless Applications", International Conference on Recent Trends in Engineering and Technology (ICRTET-2018) at Mount Zion College of Engineering and Technology, Pudukkottai, 23rd and 24th April 2018.

52. James Deva Koresh H, Vijitha Ananthi J, "Simulation of Sensor Device Using Battery Replacement Approach", IEEE sponsored conference proceedings International Conference on Inventive Computing and Informatics (ICICI), 2017/11/23.

1.4. Seminars/ Workshops/ Conferences Attended by Staff members

S.No	Name of the Department	Date	Name of the Staff	Name of the Event	Venue
1.	CIVIL	14-10-17	Regina Mary I	Seminar on Dynamics of Soils and Foundation	NIT, Trichy.
2.	CSE	08-06-17	Rajkumar P	Two - Day Workshop on Cloud Technologies	Kongu Engineering College, Erode.
3.			Gomathynayagam M		
4.			Venkatesh K		
5.		16-06-17 and 17-06-17	Sangeetha A	Hands on Training on Python Programming	TRP Engineering College, Trichy.
6.	ECE	08-07-17	Dr. Robinson S	One day Seminar on IoT Conference AisTi	Hotel Gateway, Chennai.
7.		16-07-17	Dr. Robinson S	One day seminar on On Becoming a Leader	Anna University, Chennai.
8.		16-09-17 to 17-09-17	Premkumar R	Faculty Development Programme on Foundation Program in ICT for Education	IIT, Bombay.
9.		27-11-17 to 01-12-17	Ramachandran K	Short Term Course under QIP on Opportunities and Challenges in Internet of Things	Pondicherry Engineering College, Pondicherry.
10.			Ganesan S		
11.		04-12-17 to 10-12-17	Senthil Priya R M	AICTE-QIP Sponsored One week Short Term Course on Array Signal Processing in Radar and Wireless Communication	Thiagarajar College of Engineering, Madurai.
12.		09-06-18 to 10-06-18	Senthil Priya R M	Workshop on CAD of Microwave Integrated Circuit	NIT, Trichy.
13.			Hesanth Kumar A		
14.			Arunkumar R		
15.			Valliammai PR		
16.			Subashini N		
17.	MECH	10-10-17 to 14-10-17	Pandikumari T	Five - Day Workshop on Faculty Educator programme by PM Yuva	Entrepreneurship Development And Innovation Institute, Chennai.
18.		19-03-18 to 25-03-18	Parameswara raja R	Seven – Day Workshop on Advanced Manufacturing Techniques	Alagappa Chettiar College Of Engineering And Technology, Karaikudi.

1.5. Workshops/ FDP Attended by Staff members

S.No	Name of the Department	Date	Name of the Staff	Name of the Event	Venue
1.			Ammu S		
2.			Pandipriya S		
3.			Priya K		
4.			Vijayashree M		
5.			Nalini S		
6.			Kiruthikapriya V		
7.			Saravana Kumar CT		
8.			Gurumoorthy A		
9.			Raja Rajan M		
10.			Sasikala G		
11.			Durga K		
12.			Shanmuga Priya S		
13.		03-08-17 to 07-09-17	Manjula N	Faculty Development Programme on Foundation Program in ICT for Education	
14.			Arasakumar A		
15.			Amarnath V		
16.			Kayalvizhi M		
17.			Abirami MP		
18.			Sudha D		
19.			Rohini P		
20.			Prabakaran R		
21.			Sampath Kumar MS		
22.			Venkatachalam K		
23.	CSE/ECE/EEE		Rajan G		Mount Zion College of Engineering and Technology, Pudukkottai.
24.			Santhosh Kumar E		
25.			Parthiban M		
26.			Anjelin Simi J		
27.			Rathika S		
28.			Sophia J		
29.			Vijay Nagaraj C T		
30.		26-12-17 to 30-12-17	Mariya sheeba P	One Day Workshop on Network security	
31.			Pavithra R		
32.			Mareeshwaran M		
33.			Taksala Deva Priya A		
34.			SenthilPriya R M		
35.			Ramachandran K		
36.			Regina Mary I		
37.			Ramakrishnan A		
38.			Radha N		
39.			Srinivas J		
40.			Manikandan N		
41.			Prabakaran R	One Day Workshop on Research Proposal Writing	
42.		16-02-18	Mamundi Azaath L		
43.			Mohan E		
44.			Pandikumari T		
45.			Vinoth Kumar S		
46.			Elevarasi D		
47.			Hema Swathy S		
48.			Reka S		
49.			Valliammai PR		

S.No	Name of the Department	Date	Name of the Staff	Name of the Event	Venue
50.			Gomathy Nayagam M		
51.			Senthil Raja Manohar B		
52.			Sathya P		
53.			Manikandan N		
54.			Gayathri CS		
55.			Rathika S		
56.		10-07-18 to 15-07-18	Sophia J	One Week ISTE Workshop on Electric Power System	
57.			Muthukumar R		
58.			Nagajothi M		
59.			James Deva Koresh H		
60.			Srinivas J		
61.			Kanivalan K		
62.			Parthiban M		

1.6. Awards Received by Staff members From Institution

S.No	Name of the Staff	Name of the Award	Name of the Organization
1.	Vidyakalaivani R	Excellence in service	
2.	Ramakrishnan A	Excellence in service	
3.	Dr.Robinson S	Excellence in Teaching	
4.	Taksala Deva Priya A	Excellence in Teaching	
5.	Premkumar R	Excellence in Teaching	
6.	Ganesan S	Excellence in Teaching	
7.	Ramachandran K	Excellence in Teaching	
8.	Arunkumar R	Excellence in Teaching	
9.	VijithaAnanthi J	Excellence in Teaching	
10.	Mrs.Elavarasi D	Excellence in Teaching	Mount Zion College of Engineering and Technology, Pudukkottai.
11.	Mrs.Sathya M	Excellence in Teaching	
12.	Reka S	Excellence in Teaching	
13.	Rajkumar P	Excellence in Teaching	
14.	Mrs.Hemaswathi S	Best Library User	
15.	Mrs.Hemaswathi S	Excellence in Teaching	
16.	Swaminathan G	Excellence in Teaching	
17.	Pandipriya S	Excellence in Teaching	
18.	Nancypriya S	Excellence in Teaching	
19.	Mamundi azaath L	Best service award	
20.	Mohan E	Excellence in Teaching	
21.	Pandikumari T	Excellence in Teaching	

1.7. Detail of Staff members served as Resource Person/ Chairperson

S.No	Date	Name of the Staff	Name of the Event	Venue
1.	07-05-18	Gomathynayagam M	Crypt Tools - Cryptographic Algorithms and Security Tools	RajaRajeswari College of Engineering, Bangalore
2.	09-09-17	Dr. Robinson S	Seminar on Effect of Electromagentic Radiation from Cell Phone Tower	Krishnasamy Engineering College and Technology, Cuddalore.

1.8. Awards Received by Students

S.No	Date	Name of the Students	Achievements	Name of the Event	Venue
1.	02-02-18	Umamaheswari S B	Second	Circuit Formation	Sudharsan Engineering College, Pudukkottai.
2.		Selvakumari M			
3.	02-02-18	Umamaheswari S B Selvakumari M	Second	Presented paper on Pill Camera	
4.	15-02-18 to 16-02-18	Dinesh Kumar D	First	Project Expo	Pondicherry Engineering College, Pondicherry.
5.	17-02-18	SubaBharathi T	Second	Presented Paper on Artificial Eye	Shanmuganathan Engineering College, Arasampatti,
6.		Azhagarasi A			
7.	17-02-18	Dinesh Kumar D	First	Project Expo	Sri Rajaraajan College of Engineering and Technology, Karaikudi.
8.	24-02-18	Kavin Roger J	First	Multimedia Contest	Vellalar College of Engineering, Erode.
9.		BagathYazar A			
10.	24-02-18	Dinesh Kumar D	First	Project Expo - Innovaut'18	University College of Engineering, Trichy.
11.	28-02-18	Dinesh Kumar D	Third	Project Expo	Government College of Engineering, Salem.
12.	10-03-18	Muthupirya K	First	Technical Quiz	Mangayarkarasi College Of Engineering, Madurai
13.	17-03-18	Vanniya V	Third	Paper Presented on IoT Based Vertical Gardening	Sri Bharathi Engineering College for Women, Pudukkottai.
14.	24-03-18 to 25-03-18	Dinesh Kumar D	First	Robotics Expo - Brainwave Robotics	University College of Engineering, Trichy.

1.9. Co-Curricular Activities by Students (Workshop/ Seminar/ symposia attended)

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
1.		02-02-18	Manikandan R	Presented Paper on green concrete	Sudharsan Engineering College, Pudukkottai.
2.			Sumanth R		
3.			Sundaram PL	Presented Paper on Protection Of Seismic Force	
4.			Gunasekar N		
5.		15-02-18	Arthy G	Presented Paper on Construction Techniques	Sri RaajaRaajan College of Engineering And Technology, Karaiudi.
6.			Kamil Ali K		
7.			Vignesh M		
8.		24-02-18	Gunasekar N	Presented Paper on Design of Dome Structures	University College of Engineering Annauniversity BIT Campus Tiruchirapalli.
9.			ManikandaPrabhu R		
10.	CIVIL	10-03-18	MuthupiryaK	Presented Paper on Construction Techniques	Mangayarkarasi College of Engineering, Madurai.
11.			Karthika M		
12.			Rajeshwari M		
13.			Anitha@Surya S		
14.			Kamali N		
15.			Syed Ibrahim S		
16.			Sumanth R	Presented Paper on Green Concrete	
17.			Manikandan R	Presented Paper on Use Of Plastic Waste In Road Construction	
18.			Kishore Kannan K		
19.			Nandhakumar A		
20.			Sathish K		
21.			Sundaram PL		
22.			Ramesh P		
23.		10-03-18	Sundaram PL	Brick Bonding	Anjalai Ammal Mahalingam College of Engineering And Technology, Thiruvarur.

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
1.		08-07-17 to 09-07-17	Sathish Babu P	Workshop on Python	T.R.P Engineering College, Trichy.
2.			Sakthivel A		
3.			Karthikannan K		
4.			Sabarish M		
5.		09-07-17	Sirajudeen J	Workshop on IoT	Einnel Technologies, Chennai.
6.			Noorul Islam M		
7.			Sethuraman M		
8.			Infant Aswin L		
9.			Adhars Mani S V		
10.			Viclif Immanuvel T		
11.		22-07-17	Chandramanikandan S	Web Designing Contest	Valliammai Engineering College, Chennai.
12.			Amirtha Kesavan S		
13.			Veeraprathimanan G		
14.			Sugeeth Chinta		
15.		23-07-17	Chandramanikandan S	Hackathon Contest	IIT Madras Research Park, Chennai.
16.			Amirrtha Kesavan S		
17.			Veeraprathimanan G		
18.			Hariharan B		
19.			Sriram B		
20.			Satheesh Kumar M		
21.	CSE		Sathish Babu P		
22.			Satheeshkumar M		
23.			Ijaz Ahamed N		
24.			Suleman Soren A		
25.			Santhosh Kumar B		
26.			Logeshwaran A		
27.			Sakthivel A		
28.		28-07-17 to 29-07-17	Nirmala Devi G	Workshop on IoT	Vaigai Engineering College, Madurai.
29.			Metilda Flora S		
30.			Lakshmi V		
31.			Thendral M		
32.			Krishnaveni A		
33.		03-08-17	Sugeeth Chinta	Web Designing Contest	Parisutham Institute of Technology, Thanjavur.
34.			Amirrtha Kesavan S		
35.			Chandramanikandan S		
36.			Amirtha Kesavan S		
37.			Arockia Naveen S		
38.			Veeraprathimanan G		
39.		11-08-17 to 12-08-17	Sirajudeen J	Workshop on Robotics	K.Ramakrishna College of Engineering, Trichy.
40.			Noorul Islam M		
41.			Muthukumar S		
42.			Herald Robinson J		
43.			Illayaraja S		
44.		01-09-17	Nithya Devi K	Web Designing Contest	SSM Institute of Engineering and Technology, Dindigul.
45.			Sriram B		

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
46.		16-09-17	Mayuri J	Workshop on Big Data	Top Engineers Association, Chennai.
47.			Dhanalakshmi R		
48.		25-06-17 to 26-09-17	Dhanalakshmi R	Workshop on Python	K.Ramakrishna College of Engineering, Trichy.
49.			Thangameenal R		
50.			Mayuri J		
51.			Gowsalya A		
52.			Basma Begam A		
53.		26-09-17	Sriram B	Dump C Contest	Anna University - Ramanathapuram Campus.
54.		26-09-17	Satheesh Kumar M		
55.			Amirtha Kesavan S		
56.			Veeraprathimanan G		
57.		26-09-17	Stalin J	Project Competition on Mobile App	Anna University - Madurai Campus.
58.			Ranjith Kumar N		
59.			Thamarai Selvam R		
60.		27-12-17	Valliammai M	Code Debugging	Shanmuganathan Engineering College, Pudukkottai.
61.	CSE	05-01-18	Naptaliraja C	CSI Convention 2018 (TECHWAVES)	S A College of Engineering, Chennai.
62.			Karun Kingston Joy R		
63.		05-01-18	Aldrin B	Web Designing Contest	IIT, Chennai.
64.			Albin David		
65.			Sethuraman M		
66.			Vickliff Immanuel T		
67.		20-01-18	KeerthanaShree G	Workshop on IoT	Kongu Engineering College, Erode.
68.			Geetha Kannan K		
69.			Karthiga S		
70.			Agilan N		
71.			Nagaveni N		
72.			Nandhini Devi M		
73.			Sakthi Devi R		
74.		01-02-18	Nirmala Devi G	Workshop in DHRUVA	Karpagam College of Engineering, Coimbatore.
75.		02-02-18	Vinothini T	Code Debugging	Sudharsan Engineering College, Pudukkottai.
76.			Santhiya K		
77.			Afrin Banu B		
78.		15-02-18	Adhars Mani S V	Web Web Designing Contest	Alagappa Chettiar Govt. College of Engineering and Technology, Karaikudi.
79.			David Muthuselvan R		
80.			Veeraprathimanan G		
81.			Amirrtha Kesavan S		
82.			Sugeeth Chinta		
83.		15-02-18 to 16-02-18	Sugapriya R	Code Debugging	Karpagam University, Coimbatore.
84.			Deva Shanmuga Suvetha P		
85.			Janani Priya B		

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
86.	CSE	23-02-18 to 25-02-18	David Muthuselvan R	Technical Quiz	Sastra University, Thanjavur.
87.		02-03-18 to 03-03-18	Arun V R	Workshop on PRAYATNA'18	Anna University (MIT), Chennai.
88.			Natarajan P		
89.		03-03-18	Napshala A K	Workshop on IoT	Sri Bharathi Engineering College for Women, Pudukkottai.
90.			Sathya S		
91.			Aishwarya M		
92.			Sangeetha C		
93.			Kavitha N		
94.			Priyamka R		
95.			Rupalakshmi S		
96.			Sumitra S		
97.			Shopika A		
98.		23-03-18	Aldrin B	National Level Project Contest – Child Rescue System	SRM – TRP Engineering College, Trichy.
99.			Albin David A		
100.			Sharon Elsa Thomas		
101.			Senthamil selvi P		
102.			Abirami B		

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
1.	ECE	05-08-17	Kavin Roger J	Workshop on Raspberry-Pi with Python	SNS College of Engineering, Coimbatore.
2.		06-08-17	Ishwarya N	Workshop on IOT Using Raspberry-Pi	PantechProEd Private Limited, Trichy.
3.		11-08-17 to 12-08-17	Ishwarya N	Seminar on Medical Image Analysis	K.Ramakrishna College of Engineering, Trichy.
4.			IshwaryaV S		
5.		11-08-17 to 12-08-17	Dinesh Kumar D	Two - Day Workshop on Realization of Internet of Things using Raspberry-Pi	MAM College of Engineering and Technology, Trichy.
6.			Al Hameedha Malik M S		
7.		20-08-17	Abirami P	Workshop in Android Applications	PantechProEd Private Limited, Trichy.
8.			Aishwarya C		
9.			Keerthika M		
10.			Dinesh Kumar D		
11.		07-09-17 to 09-09-17	Kavin Roger J	Workshop on Industrial IoT and Automation from Prototyping to Reality	PSG College of Technology, Coimbatore.
12.		09-09-17	Deepika S	Presented Paper on Blue Brain	Shamnuganathan Engineering College, Arasampatti.

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
13.		17-09-17	Dinesh Kumar D	Workshop on Arduino with IoT	PantechProEd Private Limited, Trichy.
14.		26-09-17	Aishwarya C	National Level Technical Symposium SympoFest' 17	AnjalaiAmmal – Mahalingam Engineering College, Thiruvarur.
15.			Deepika S		
16.		01-02-18 to 03-02-18	Madhurathna C	National Level Workshop on IoT Lora	Karpagam College of Engineering, Coimbatore.
17.			SwathiPriya T		
18.			Priyadharshini V		
19.			Swathi A		
20.		01-02-18 to 03-02-18	Bershiya K	National Level Workshop on Labview Software Practical Approach	Karpagam College of Engineering, Coimbatore.
21.			SaranyaC		
22.			Jane Keerthana A		
23.			Kalaipriya R		
24.			Anitha A		
25.		02-02-18	Ragavi G	National Level Technical Symposium on TechnoFest – 2k18	Sudharsan Engineering College, Pudukkottai
26.			Sofia Clemence Florida S		
27.			Nandhini R		
28.			Elakkiya E		
29.			Pavithra K		
30.			Selvakumari M		
31.			Umamaheshwari S B		
32.	ECE		Muthulakshmi J		
33.		09-02-18	Abirami P	Paper presented on Brain Gate Technology	Mount Zion College of Engineering and Technology, Pudukkottai.
34.			Angel Jasper A		
35.			Deepika S	Presented Paper on Nano Robot In Heart Surgery	
36.			Manirathinam S		
37.		17-02-18	Swathi A	Paper presented on Li-Fi Technology	Shanmuganathan Engineering College, Arasampatti.
38.			Priyadharshini V		
39.		17-02-18	Dinesh Kumar D	Paper presented on Li-Fi Technology	Sri Rajarajan College of Engineering and Technology, Karaikudi.
40.		21-02-18 to 23-02-18	Abirami P	Workshop on Instrumentation 3D Printing And Battery Testing	CSIR – Central Electrochemical Research Institute, Karaikudi.
41.			Lakshmi Priyadarshini M		
42.			Iswarya Lakshmi S		
43.			Keerthana G		
44.			Harija S		
45.			Deepavalli B		
46.		21-02-18 to 23-02-18	KrishnaveniR	Paper presented on Blue Brain	CSIR – Central Electrochemical Research Institute, Karaikudi.
47.			Keerthika M		
48.			Anushiya S	Paper presented on Smart Dust	
49.			Deepika S		

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
50.		24-02-18	Aishwarya C	Anna University "Innovaut' 18"	University College of Engineering – Anna University, Trichy.
51.			Keerthika M		
52.			Dinesh Kumar D		
53.		27-02-18	Dinesh Kumar D	Workshop on "Low Power Embedded System using RL78"	Government College of Engineering, Salem.
54.			Vigneshwaran J		
55.		28-02-18	Manirethinam S	National Level Technical Symposium Compcom 2K18	Government College of Engineering, Salem.
56.			Jerald S		
57.			Vigneshwaran J		
58.		11-03-18	Devi M	Workshop about ANDROID	C Cube Technologies, Karaikudi.
59.			Karthiga B		
60.			Sushmitha R		
61.			Dhivya R		
62.			Ragavi N		
63.			Yogashree P		
64.			ArunBalaji G		
65.			Kavin Roger J		
66.			BagathYazar A		
67.			Ragini V		
68.			Prathikshiya R		
69.	ECE		Praba P L		
70.			Jayapratha K		
71.			Zamzam Nisha R		
72.			Subhalakshmi A		
73.		16-03-18 to 17-03-18	Abinaya G	National Level Technical Symposium Avantaa' 18	Sri Krishna College of Technology, Coimbatore.
74.			Bhavya P		
75.		17-03-18	Priyadharshini V	Paper presented on Blue Eye Technology	Sri Bharathi Women's Engineering College, Kaikuruchi.
76.			Hairunafia M		
77.			Swathi Priya T	Paper presented on 5G Technology	
78.			Alagarasi A	Paper presented on Brain Gate Technology	
79.			Suba Bharathi T		
80.			Deepavalli B	Paper presented on Dak Net	
81.			Prathiksha R		
82.			Harija s	Paper presented on Green Nano Technology	
83.			Ishwarya Lakshmi S		
84.			Ajeetha B	Paper Presented on "Blue eye technology	
85.			Dorathy Christiana		
86.		17-03-18	Kenis Glenes Doss A	Paper Presented on Nano Robotics	
87.		17-03-18	Geetha M	Paper presented on Monitoring and Controlling Of Mobile Robots	

S.No	Name of the Department	Date	Name of the Student	Name of the Event	Venue
88.		17-03-18	Sangeetha N	Paper presented on Garbage Monitoring System using IoT	
89.			Valliammai S		
90.		17-03-18	Meenakshi S	Paper presented on Wireless Communication	
91.			Mahalakshmi T		
92.		17-03-18	Meenal SB	Paper presented on Blue Brain Technology	
93.	ECE		Sivameena R		
94.		21-03-18	Sumathi K	Two days National Level Technical Symposium Troy' 18	University College of Engineering, Trichy.
95.			Sivameena R		
96.		24-03-18 to 25-03-18	Dinesh Kumar D	Workshop on Brainwave Robotics	University College of Engineering, Trichy.
97.		29-03-18	Dinesh Kumar D	Project Expo'2K18	Kings College of Engineering, Thanjavur.
98.			Gnana Sindhu S	Workshop on Tech Innovative Hands on Training	Pantech, Trichy.
99.		30-07-17	Vimala Devi J		
100.			Kayalvizhi M		
101.		18-08-17 to 19-08-17	Subramaniyan S	Two – Day Workshop on Internet of Robotic Things(IoRT) Creative Challenge	S.A.Engineering College, Chennai.
102.			Vimala Devi J	Paper Presented on Health Care Monitoring and Management Using IOT	
103.	EEE	08.09.17	Gnana Sindhu S		
104.			Kayalvizhi M		Mother Theresa College of Engineering and Technology, Pudukkottai.
105.			Sangavi S	Paper Presented on Power System Protection	
106.		08-09-17	Kayalvizhi M	Logo Spotting - Symposium	
107.			Vimala Devi J		
108.			Gnana Sindhu S		

1.10. Extra-Curricular Activities by Students

S.No	Name of the Student	Medal	Name of the Event	State/ University Level
1.	Gowtham G	Gold	Hand Ball	Zonal Sports Meet
2.	Mohan M	Gold	Athletics	Zonal Sports Meet
3.	Kalaimathi N	Gold, Bronze	Athletices	Zonal Level
4.	Usha PL	Gold	Athletices	Zonal Level
5.	Arunkumar B	Silver	Chess	Zonal Sports Meet
6.	Manikandan S			
7.	Dhivakar T			
8.	Mohammed Sirajudeen M			
9.	Agilan N			
10.	Sakthidhasan K			
11.	Kalayarasi R	Silver	Athletices	Zonal Level
12.	Periasamy N	Silver	Foot Ball	Zonal Sports Meet
13.	Ravishankar M			
14.	Manikumar C			
15.	Fernando kevin antony			
16.	Vigneshwaran S			
17.	Dhineshkumar A			
18.	Manikandan L			
19.	Prabhanjan M	Silver	Volley Ball	Zonal Sports Meet
20.	Jerome Rubanraj J			
21.	Sivakumar V			
22.	Yogeswaran J	Silver	Chief Minister Trophy	State Level
23.	Anbarasan R			
24.	Muneeswaran M			
25.	Priya Dharsan M			
26.	John Clinton A			
27.	Naveen Raj S.R			
28.	Jayaprakash T			
29.	Ravikumar S			
30.	Jerome ruban raj J	Bronze	Cricket	Zonal Sports Meet
31.	Murugesh M			
32.	Balasubramanian P			
33.	Ragupathy B			
34.	Selvaganesh R			
35.	Sivamani P			
36.	Naptaliraja C	Bronze	Badminton(Mens)	Zonal Sports Meet
37.	Aldrin B			
38.	Albin David A			
39.	Latha R	Bronze	Basket Ball (Women)	Zonal Sports Meet
40.	Kalaiyarasi S			
41.	Karthika R			
42.	Mahalakshmi V			
43.	Mahalakshmi M			
44.	Priyadharshini N	Bronze	Chess (Women)	Zonal Sports Meet
45.	Sangeetha RM			

S.No	Name of the Student	Medal	Name of the Event	State/ University Level
46.	NithiyaShubaa V			
47.	Valliyammai V			
48.	NithyaKalyani A			
49.	Usha PL	Bronze	Athletices	Inter Zonal Level`
50.	Harisudhan PL	Bronze	Cricket (Men)	Zonal Level
51.	Vaishali R	Bronze	Athletices	Zonal Level
52.	Dhivakar T	Bronze	Kho-Kho	Zonal Sports Meet
53.	Vairavan R			
54.	Vaithishkumar SR			
55.	Venkatesan P			
56.	Palaniyappan M			
57.	Karthika M	Bronze	Basket Ball	Zonal Sports Meet
58.	Jeberson Selvarathinam J			
59.	Paul Clifford S			
60.	John Clinton A			
61.	Gladwin K			
62.	Manimuthu P			
63.	Kingsly Moses J			
64.	Thevatharshini C			
65.	Suriya T			
66.	Sahidya V			
67.	Navajothi S			
68.	Preethika CR			
69.	Jerome Rubanraj J			
70.	Praveenkumar G			
71.	Premkumar P			
72.	Albin David A			
73.	Chellamuthu P			
74.	Bershiya K	Bronze	Athletices	Zonal Level
75.	Nandha Kumar S	Bronze	Cricket	Zonal Tournament
76.	Vishnu P			
77.	Saminathan S			
78.	Sudhakar S			
79.	Ajith Kumar			
80.	Kishore Kumar G			
81.	Selvarajkumar K			
82.	Sandha Guru S			

1.11. Student Centric Activities

The following programmes were organized during 2017-2018 academic year

S.No	Society	Date	Name of the Event	Resource Person
1.	Alumni Cell	14-07-17	Alumni Interaction	**Karthikeyan R, [CSE – 2005 batch]**, Software Engineer, Cognizant Technology, Chennai.
2.		14-09-17	Alumni Interaction	**Sam David Kingston, [CSE – 2004 batch],** Software Engineer, Altimetrik Software Technologies, Chennai. **Edward Swarnaraj James**, [CSE – 2005 batch] Senior IT infrastructurer, Prince water house coopers, Chennai.
3.		18-09-17	Alumni Interaction	**Allan Pink S**, [EEE – 2009 batch] Assistant Engineer, TNEB, Tirupur.
4.		29-04-18	Alumni Meet – 18	-
5.	Career Guidance Cell	31-08-17	Awareness Programme on GATE 2018 Examination	**Nazraana**, Instructor, Gate Forum
6.		24-01-18	Awareness Programme on GRE, IELTS and TOEFL Examination	**M. Haja Mydeen,** The Princeton Review, Trichy
7.	R&D Cell	16-02-18	Workshop on Research Paper Writing	**Dr. S. Robinson,** Assistant Professor, Department of ECE, Mount Zion College of Engineering and Technology.
8.	Student Counselling Cell	21-12-17	Legal Rights of Women	**C.Thirumurthi,MA., BL.,** Senior Advocate, Pudukkkotai.
9.	Women's Grievance and Redrassal Cell	13-11-17	National wide competition to create awareness about legal rights of women	National Commission for Women

1.12. Industrial Visit Organized by Institution

The following industries were visited during 2017-2018 academic year

S.No	Cell/ Society	Date	Name of the Event
1.		23-02-2017	Chennai harbor, Chennai.
2.		25-09-2017	Ramco Cements, Ariyalur.
3.		24-07-2017 to 25-07-2017	SSB Ready Mix Concrete, Perumanadu.
4.		19-07-17 to 20-07-17	VSSC Space Museum, Trivandrum.
5.		04-08-17	Sun Paper Mill, Tirunelveli.
6.		04-08-17	Ashok Leyland Wind Mill, Kanyakumari.
7.		05-08-17	Ashok Leyland, Tirunelveli. Servalakshmi paper mills Pvt Ltd, Tirunelveli.
8.		04-08-17 to 05-08-17	Radio Astronomy Center, Ooty.
9.	Industry Institution Interaction Cell	11-08-17 to 12-08-17	Nuclear Power Plant, Kudangulam.
10.		04-09-17	RL Clean power Pvt Ltd., Kalaiyarkoil.
11.		19-01-18	NLC India Ltd, Neyveli.
12.		02-02-18	Radio Astronomy Centre, Ooty.
13.		02-02-18	SAKS Power Pvt., Ltd., Ramanathapuram.
14.		09-02-18	Central Power Research Institute, Bangalore.
15.		22-02-18	Sri Ganesh Engineering private limited, Coimbatore.
16.		22-02-18	Madras Radiators and press tools, Coimbatore.
17.		02-03-18	11kV substation, Thirumayam.
18.		09-03-18	ABB, Bangalore.
19.		15-02-18	Radio Astronomy Centre, Ooty.
20.		13-03-2018 to 14-03-2018	Zonal Railway Training Institute, Trichy.
21.		13-03-2018 to 14-03-2018	SSB Ready Mix Concrete, Perumanadu.
22.		16-03-18	Radio Astronomy Centre, Ooty.
23.		16-03-2018	Dakshinachitra museum, Chennai. Birla Planetarium, Chennai.

1.13. Campus Training & Placement Programmes

The following Training Program was conducted for academic year 2017-2018

Details of the Training Programme

Sl.No	Training Period	Name of Trainers	Topics Discussed
1.	20-09-17 to 22-09-17	Rainbow Navigators	Management Training
2.			Personal Development
3.			Interpersonal development
4.			Human Resources

Placement details for the academic year 2017-18

S.No	Name of the Company	No of Students Selected
1.	Disha Interiors, Chennai.	04
2.	Hinduja Global Services, Chennai.	28
3.	Zealous Services, Chennai.	38
4.	Bluez Infomatic Solution, Tiruppur.	15
5.	Tech Mahendra, Chennai.	05
6.	Hexaware Technologies, Chennai.	10
7.	Manju Groups, Chennai.	43
8.	Wipro Infrastructure Engg, Chennai	32
9.	Chennai Forge Products Pvt Ltd., Chennai.	18
10.	Jk Fenner (India) Ltd, Chennai.	10
11.	Sutherland Global Services Ltd., Chennai.	08
12.	SSF Plastics India Pvt Ltd., Hosur.	06
13.	Ashok Leyland, Chennai.	18
14.	Amphenol Omniconnect India Pvt Ltd., Chennai.	20
15.	East India Technologies Pvt Ltd., Chennai.	20
16.	Sanmina, Chennai.	01
17.	Swass System Pvt Ltd., Chennai.	01
18.	Entrepreneurs	02
19.	SSF Plastics India Pvt Ltd, Hosur. [Off Campus]	06
20.	Ashok Leyland, Unit 2, Hosur. [Off Campus]	02
21.	Infosys, Chennai. [Off Campus]	01
	TOTAL	288

1.14. Community Development Programmes

S.No	Community	Date	Name of the Event
1.	Rotaract	25-07-17	Aadhalai Kanmai Cleaning Project
2.		03-08-17	Bike rally –Awareness Programme on Women Literacy
3.		10-08-17	Awareness Programme on Organ Transplantation
4.		08-09-17	Awareness March on Cleanliness and Sanitation
5.		01-10-17	Blood Donation Camp
6.	YRC/RRC	13-11-17	Awareness Programme on HIV/AIDS
7.		31-08-17	Dengue Awareness Camp, Lembalakudi.
8.		13-09-17	Dengue Awareness Camp, Virachilai.
9.		27-07-18	Elocution Contest and Essay Competition
10.		10-01-18	Blood Donation Camp
11.		23-07-18	World Population Day
12.	NSS	02-08-17	Cleaning Athala Kanmai
13.		13-09-17	Legal Awareness Programme on Family Welfare Laws
14.	ADOPTED SCHOOL PROGRAM	16-11-17	Sports Day, Govt. Hr. Sec. School, Lembalakudi.
15.		29-11-17	Blood Writing Programme, Govt. Hr. Sec. School, Lembalakudi.

ANNEXURE II

ACADEMIC CALENDAR

ACADEMIC CALENDAR 2017-18 (Odd Semester)

Month	Week	Working Days & Dates							No. of Working Days	Events	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
June					1	2	3	4	9		
		5	6	7	8	9	10	11			
		12	13	14	15	16	17	18			
	Week 1	19	20	21	22	23	24	25		19-Jun	College Reopening for all branches
	Week 2	26	27	28	29	30					
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
July		31					1	2	21		
	Week 3	3	4	5	6	7	8	9		3-Jul	Class Committee Meeting I
	Week 4	10	11	12	13	14	15	16			
	Week 5	17	18	19	20	21	22	23			
	Week 6	24	25	26	27	28	29	30			
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
August	Week 7		1	2	3	4	5	6	20		
	Week 8	7	8	9	10	11	12	13			
	Week 9	14	15	16	17	18	19	20		17,18	Cycle Test 1
	Week 10	21	22	23	24	25	26	27		21-24	Cycle Test 1
	Week 11	28	29	30	31						
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
September	Week 12					1	2	3	20		
	Week 13	4	5	6	7	8	9	10		8-Sep	Class Committee Meeting II
	Week 14	11	12	13	14	15	16	17		15	Cycle Test 2
	Week 15	18	19	20	21	22	23	24		18-22	Cycle Test 2
	Week 16	25	26	27	28	29	30				
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
October		30	31					1	9	30	* University Theory Exams starts
	Week 17	2	3	4	5	6	7	8		12,13	Model Exam
	Week 18	9	10	11	12	13	14	15		16,17 & 19,20	Model Exam
	Week 19	16	17	18	19	20	21	22		19-Oct	* Last working day
	Week 20	23	24	25	26	27	28	29		23-Oct	* University Practical Exams starts
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
November	Week 21			1	2	3	4	5	0		
	Week 22	6	7	8	9	10	11	12			
	Week 23	13	14	15	16	17	18	19			
	Week 24	20	21	22	23	24	25	26			
		27	28	29	30						

Total Working Days: 79

ACADEMIC CALENDAR 2017-18 (Even Semester)

Month	Week	Working Days & Dates							No. of Working Days	Events	
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
December						1	2	3	9		
		4	5	6	7	8	9	10			
		11	12	13	14	15	16	17			
	Week 1	18	19	20	21	22	23	24		18-Dec	College Reopening for all branches(II,III,IV)
	Week 2	25	26	27	28	29	30	31			
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
January	Week 3	1	2	3	4	5	6	7	19		
	Week 4	8	9	10	11	12	13	14			
	Week 5	15	16	17	18	19	20	21		17-Jan	Class Committee Meeting I
	Week 6	22	23	24	25	26	27	28		24-Jan	Last date for assesment entry(no test)
	Week 7	29	30	31							
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
February					1	2	3	4	20		
	Week 8	5	6	7	8	9	10	11		5-12 Feb	Cycle Test I
	Week 9	12	13	14	15	16	17	18			
	Week 10	19	20	21	22	23	24	25		20-Feb	Last date for first assesment entry
	Week 11	26	27	28						22-Feb	Class Committee Meeting II
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
March	Week 12				1	2	3	4	20	2-9 Mar	Cycle Test II
	Week 13	5	6	7	8	9	10	11			
	Week 14	12	13	14	15	16	17	18			
	Week 15	19	20	21	22	23	24	25		19-Mar	Last date for Second assesment entry
	Week 16	26	27	28	29	30	31			28,29-Mar	*Sports Day,Annual Day
		Mon	Tue	Wed	Thu	Fri	Sat	Sun			
April		30						1	7	2-9 Apr	Model Exam
	Week 17	2	3	4	5	6	7	8		10-Apr	Last Working Day
	Week 18	9	10	11	12	13	14	15		12-Apr	Last date for Third assesment entry
	Week 19	16	17	18	19	20	21	22		12-Apr	* University Practical Exam starts
	Week 20	23	24	25	26	27	28	29		23-Apr	* University Theory Exams starts

Total Working Days: 75

ANNEXURE III

BEST PRACTICES

Best Practice No.1

Title

Internship to the students.

Goal

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

The Context

      Students make themselves ready for internship. Staff members and other mentors motivate the students to undergo internship and inform the benefits of it. Industry is ready to allow the students for internship. Staff members create the internship awareness to the students.

The Practice

      Students go to various industries for internship during the semester end. 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 after getting the permission from the respective industries. Duing the academic year 2017-18 around 800 students have undergone internship/in-plant training from various industries which are located in Pudukkottai, Coimbatore, Trichy, Chennai and Sivaganga district. During semester holidays, students 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. Many companies are not willing to provide internship. More number of industries must come forward to provide internship for all the students.

Best Practice No.2

Title

24 hour workshop for students

Goal

The goal of this workshop is to provide the students with a variety of hands-on engineering design projects which have real world relevance. The event is mainly conducted for undergraduate students. The students will work together in teams to participate in problem solving and learn more about the software development and hardware implementation.

Context

The workshop is to provide faculty members with specific educational methods and tools that they can incorporate into their classroom to encourage their students to think deeply about the central concepts in core engineering courses. The workshop pedagogical content will include the use of peer instruction and Concept Tests, Inquiry-Based Activities, Interactive Virtual Laboratories, concept inventories and a technology-based tool to facilitate active learning pedagogies.

The Practice

This workshop provides hands-on experience for the students. The student will learn how to create activities. They can understand the connection between the works they perform in class to what they will do in their professional career. These types of activities will not only motivate them to participate but also enable them to learn the core concepts and content better

Evidence of Success

All departments conduct the 24 hour workshop regularly. The students have planned to implement a design challenges in their own project.

Problems Encountered and Resources Required

Difficulty in completing all the topics for all the students. More number of faculty members needed to participate.

ANNEXURE IV

FEEDBACK FROM STAKEHOLDERS - ANALYSIS

Students Feedback

The following points are observed from the feedback of students

1. Industrial visits and Internship organized by the institution are good.

2. 24 hour workshops are very useful to learn newer things.

3. Students need more placement training hours.

4. Students are interested to improve their study skills with more interactive demonstration.

Parents Feedback

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

1. Quality of teaching offered by the college is good.

2. Discipline maintained by the college is excellent.

3. Placement Activities are remarkably good.

4. Infrastructure of the institution is good.

5. Technical knowledge and communication skills acquired by student after the admission to our college are fair.

6. Examination system adopted by the college is good.