

Dr. Mahalingam College of Engineering and Technology
(An Autonomous Institution)

Pollachi – 642 003, Coimbatore District, Tamilnadu

**The Annual Quality Assurance Report
(AQAR)**

2013 – 2014



**INTERNAL QUALITY ASSURANCE CELL
(IQAC)**

THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

2013-2014



AQAR OF IQAC

JULY 2013 – JUNE 2014

This is the AQAR of IQAC for Dr. Mahalingam College of Engineering and Technology, an Autonomous Institution, affiliated to Anna University, Chennai. The report relates to the period July 1, 2013 to June 30, 2014. This has been prepared under the direction of the Principal and submitted to the Governing Council in accordance with the National Assessment and Accreditation Council - An Autonomous Institution of the University Grants Commission, Guidelines 2013, for the Submission of Annual Quality Assurance Report (AQAR) of IQAC in Accredited Institutions.

Foreword

I am pleased to present the AQAR of IQAC for Dr. Mahalingam College of Engineering and Technology for the year 2013-14 in accordance with the National Assessment and Accreditation Council - An Autonomous Institution of the University Grants Commission, Guidelines 2013, for the Submission of Annual Quality Assurance Report (AQAR) of IQAC in Accredited Institutions. The College has made significant strides in teaching, research and extension activities. The AQAR has been duly compiled and reported.

The AQAR will help in maintaining the quality consciousness which is crucial for sustaining the excellence. It is a mechanism to build and ensure quality culture at the department level. AQAR is to be used for meticulous planning, guiding and monitoring quality assurance and quality enhancement activities.

I thank all the members of the Governing Council and every individual/organisation whose contribution have made this college to achieve this stature and look forward to the continued co-operation, advice and guidance from all stakeholders.



Dr. M.Ramakrishnan
Principal

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1. THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC

PART - A

Part – A

2. Details of the Institution

1. Details of the Institution

1.1 Name of the Institution

Dr. Mahalingam College of Engineering and Technology

1.2 Address Line 1

Makkinampatti (Post)

Address Line 2

Udumalai Road

City/Town

Pollachi (Taluk), Coimbatore

State

Tamil Nadu

Pin Code

642 003

Institution e-mail address

Principal principal@drmcet.ac.in
NAAC Co-ordinator viceprincipal@mcet.in
IQA Cell iqac@drmcet.ac.in

Contact Nos.

Principal (Mobile) : 98423 04203
NAAC Coordinator: 98423 04211
IQA Cell : 9443886736

Name of the Head of the Institution:

Dr. M. Ramakrishnan

Tel. No. with STD Code:

Office: +91 4259 237755 / 236030

Mobile:

98423 04203

Name of the IQAC Co-ordinator:

Mr. A. Srinivasan

Mobile:

9443886736

IQAC e-mail address:

iqac@drmcet.ac.in
viceprincipal@mcet.in

1.3 NAAC Track ID (For ex. MHCIGN 18879)

EC/62/A&A/129 dated 05th
January 2013

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

EC/62/A&A/129 dated 05th
January 2013

1.5 Website address:

www.mcet.in

Web-link of the AQAR:

http://mcet.in/mcet_alpha/index_2.php?main_menu_id=35&sub_menu_id=160&sub_sub_menu_id=704

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.61	2013	05.01.2013 to 04.01.2018
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

05.06.2012

1.8 AQAR for the year

2013-14

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

- i. AQAR Nil (This is the first AQAR Submitted) (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Anna University, Chennai,
Tamil Nadu 600 025

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

Autonomy by State/Central Govt. / University



University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

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

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National

State Institution Level

(ii) Themes

- 1. Teaching – Learning
- 2. Curriculum Restructuring Using Outcome Based Education Concept
- 3. Orientation on NMEICT Spoken Tutorial
- 4. Honing soft skills among faculty members

2.14 Significant Activities and contributions made by IQAC

- Restructuring Curriculum and Syllabi for Mechanical and Automobile Engineering Programmes based on Outcome Based Education.
- Starting of Teaching Learning Orientation series highlighting pedagogic concepts with Educational Expert, Prof. John Rhymer, University of Calgary, Canada as Resource Person.
- Students talent pool development by forming stream wise student groups and offering talent development training by Karnesa Consulting Engineers - experts from leading industries (*Please see Annexure iii*)
- Stream wise orientation to First year students by inviting Senior Industrial Executives, Alumni, Professional Development Trainers
- ISO External Quality Audit.

- Audit of examination and evaluation processes by external experts
- Conduct of faculty development programmes to the institutions through IIT Bombay Centre as a part of NMEICT initiatives benefiting internal and external faculty members.
- Selected by IIT-Bombay for Research Projects and Application development of Akash Tablet
- Training to faculty members on communication and presentation skills.
- Continued interaction with industries for the purpose of Career planning, guidance training and placement activities.
- Addition of Centres of Competence for training and research
- Taking up Spoken Tutorial sessions and examinations – the online learning initiatives of IIT-B
- Make available online learning resources like that of NPTEL and motivating staff and students to use such valuable resources.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. To restructure Curriculum and Syllabi for Mechanical and Automobile Engineering Programmes based on Outcome Based Education.	Curriculum and Syllabi for Mechanical and Automobile programmes is being worked out with inputs from major stake holders and guidance from educational experts keeping focus on outcome based education.
2. To organize workshop on pedagogy.	A three-week workshop on pedagogy was kick-started as the beginner for a series of such workshops enhancing the quality of teaching learning in the college. Experts in the field from Canada have acted as resource persons.

3. Planned to pool the students stream-wise viz., Core, Circuit and IT streams and to develop their stream oriented skills through training by experts from industries.	The nine undergraduate programmes have been grouped into three streams based on the similarity of the academics and job roles. Specific skill oriented trainings are being offered to the students. Students talent pool development training (STPDT) to specifically identified students using senior technical personnel from reputed industries. Five modules completed.
4. To conduct stream wise Career orientation for the First year students. <i>(Please see Annexure iii for more details)</i>	A three-day career orientation was conducted separately for the students of each stream. Industry expectations have been shared by senior industrialists and role readiness talks given by invited alumni.
5. To conduct Quality Audit.	External Quality Audit (ISO-surveillance) conducted. An exclusive audit for the examination and evaluation processes at the controller of examinations office was conducted with senior professors from leading universities/institute as the auditors.
6. To promote usage of quality resources to enhance the teaching-learning.	A Cell with senior faculty as members take care of promoting and making available quality learning resources (NPTEL, MOOC, MITOCW, Spoken Tutorials).

* IQAC Academic Calendar of the year as Annexure iv

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The AQAR is reviewed and approved after minor corrections.

PART - B

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes:

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	2	0	2	--
PG	6	0	6	--
UG	9	0	9	--
PG Diploma	--	--	--	--
Advanced Diploma	-	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
Total	17	0	17	--

Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	--
Annual	---

1.3 Feedback from stakeholders*

Alumni <i>(On all aspects)</i>	<input checked="" type="checkbox"/>	Parents	<input checked="" type="checkbox"/>	Employers	<input checked="" type="checkbox"/>	Students	<input checked="" type="checkbox"/>
Mode of feedback	: Online	<input checked="" type="checkbox"/>	Manual	<input checked="" type="checkbox"/>	Co-operating schools (for PEI)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* Please see annexure- ii for feedback blanks and analysis report

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

- Minor revisions made in the syllabi as per requirements.
- List of electives has been revised.
- Syllabus framed based on Industry academia collaboration including emerging Technology

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

Yes. Five Centres were established.

Launch of MCET - BOSCH Rexroth (Regional Centre of Competence in Automation Technologies)



MCET – BOSCH Rexroth (Regional Centre of Competence in Automation Technologies) was inaugurated on Thursday 25th July 2013 at MCET Campus by Mr. V.K. Viswanathan, Chairman, Bosch Ltd. About Rs.4.5 Crores has been invested for the establishment of this Center of Excellence. The lab set up in MCET campus is one among 42 such Bosch Rexroth Centres of Competence spread across India.

Inauguration of MCET SIEMENS - Centre for Digital Manufacturing



MCET SIEMENS – A Centre of Excellence was inaugurated on 3rd January 2014. Dr. M. Manickam, Chairman, MCET presided over the function. Prof. H. Devaraj, Vice-Chairman, UGC, New Delhi was the Chief Guest and inaugurated the centre. Mr. Murali Lakshminarasimhan, Director - Technical, Siemens-Industry Software India (P) Ltd., felicitated the function. The centre has advanced PLM software like solid EDGE, NX, CAD/CAM/CAE, Team centre, Tecnomatix that are used for training students, practising engineers and taking up industrial projects.

Inauguration of MCET-TUV Centre for Advanced Training (Automotive Technology)



MCET-TUV Automobile Training centre was inaugurated on 8th January 2014. Dr. M. Manickam, Chairman, MCET presided over the function. Mr. Manish Mishra, Head-Customer Support, FIAT India Ltd. inaugurated the centre. Felicitations were given by Mr. A. Gopal, Managing Director, JEEP Clinic, Coimbatore, Mr. Timothy Miller, General Manager, TUV Rheinland (India) Pvt. Ltd., MR. N. Balasubramanian, Lead Trainer, ASDC – Automotive Skill Development Council, New Delhi and Mr. M. Harihara Sudhan, Correspondent, MCET. Also the centre has advanced software specially obtained from Lucas Nuelle, Germany. The centre is being used for training students and industry personnel.

Launch of Mission 10X Technology Learning Centre



MCET- Mission 10X Technology Learning Center was launched at MCET on 26th March 2014. Dr. Rajendra Joshi, Head, Mission10X Research Centre, WIPRO Technologies was the Chief Guest and Mr. P. Veerendra, Senior Manager, Academic Relations, WIPRO Technologies was the Guest of Honour.

Inauguration of Mahatma Gandhi Swami Vivekanandar Study Centre



Mahatma Gandhi Swami Vivekanandar Study Centre was dedicated to NIA Institutions by Arutchelvar Dr.N.Mahalingam during 60th Founder's Day on 7.2.14. This was inaugurated by Dr. K. Shanmugasundaram, Managing Partner, Dr. Sengaliappan Nursing Home, Coimbatore. This centre contains more than 1000 books, DVDs and photos of Sri Ramakrishnar, Sri Sarada Deviyar, Vallalar, Swami Vivekanandar, Mahatma Gandhiji and Arutchelvar.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	248	230	7	11	-

2.2 No. of permanent faculty with Ph.D.

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
	38	-	1	-	3	-	-	-	-	-

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	10	41	61
Presented	41	25	-
Resource Persons	2	4	5

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

For Students

- Mandatory Non credit Courses are conducted for students which mostly involves the latest simulation tools and lab activities and mini projects.
- DSPACE is used for content access; both course materials and CAT keys video lectures are included.
- E-Content delivery through NPTEL, MOOC, Moodle, CDEEP. Flexible learning with students pace, convenient time etc.,
- Peer Group teaching was encouraged among the students to improve the communication and soft skills.
- Multimedia Learning Process.

- E-Learning Software
- Visualization, Technology Tools and Active Learning
- Student Talent Pool development training exclusively by senior industrial executives for selected students
- Use of expert lectures in website like those available in NPTEL, MIT OCW, etc
- Mission 10X, NITTTR, A-View Classes, Invited Lectures, pedagogy training
- One credit course
- Industry-academia allied course
- Conducting activities like quizzes, dumb-c, role plays etc.
- In-plant trainings and Industrial visits are arranged for subject knowledge updation
- Value added education offered to empower the student profile.
- Professional clubs and youth forum to gain leadership quality, self confidence & interpersonal skills.
- Hands on training in various Centres of Excellence regarding industrial applications.
- Internship is given to the student during their Seventh Semester.
- Think – pair share : The teacher poses a question, the students think about the answer on their own, then discusses it with a partner, then they share it with the rest of the class
- Individualized Instruction – Tutorials
- Hands-on experiments where course has no lab component

For Staff Members

- Staff members were permitted to attend the workshops and seminars organised by industries and other institutions. Mission 10X Academic Leadership Workshop was organised by Wipro Technologies, Bangalore during 9-02-2014 to 12-02-2014. A few faculty members of MCET attended the programme.
- Pedagogical training on teaching learning process conducted at MCET from May 19th, 2014 to June 6th, 2014.
- Workshops and refresher courses were organised for Newly joined faculty members.
- Wipro Mission 10 X UTLP project development Training program on Embedded and FPGA System was organized.

2.7 Total No. of actual teaching days during this academic year 180

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 119

2.10 Average percentage of attendance of students 91.58 %

2.11 Course/Programme wise distribution of pass percentage :

UG 2010-2014 Batch

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E Automobile Engineering	68	0	95	0		95
B.E Civil Engineering	67	2	93	5		100
B.E Computer Science Engineering	138	25	75	0		100
B.E Electronics and Communication Engg.	143	21	77	2		100
B.E Electrical and Electronics Engineering	140	11	88	0		99
B.E Instrumentation and Control Engineering	71	16	84	0		100
B.Tech Information Technology	71	11	82	5		98
B.E Mechanical Engineering	141	5	93	0		98

PG 2011-2013 Batch

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.E. Computer Science and Engineering	18	22	72	6		100
M.E. Applied Electronics	15	33	67	0		100
M.E. CAD/CAM	14	14	86	0		100
M.C.A	57	23	77	0		100

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

- Putting in place an academic calendar
- Organising teaching learning by the preparation of pedagogic contents like course plan, lesson plan and learning materials.
- Use of multi-mode learning experiences and appropriate methods of teaching.
- Offering value added courses for skill development.
- Maintenance of assessment records.
- Feedback of faculty performance from students.
- Faculty Development programmes to enhance faculty competency.
- Continuous evaluation through CCETs, Tutorials, Assignments.
- Conduct of Academic Audits.
- Students participation in national and international technical events like SUPRA, BAJA, Formula Student etc.,
- Practical Learning through industry internship.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	144
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	70 (Teaching) + 55 (Supporting Staff)
Faculty exchange programme	2
Staff training conducted by the university	-
Staff training conducted by other institutions	80
Summer / Winter schools, Workshops, etc.	12
Others	06

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	60	-	15	-
Technical Staff	64	-	7	-

Criterion – III

3. Research, Consultancy and Extension

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

- Encouraging faculty members for higher studies and doing Ph.D., research.
- Carrying out sponsored research projects funded by external agencies
- Institutional funding for minor research by the faculty members and worthwhile projects by students.
- Institutional funding for students competition projects like SAE Supra, BAJA, GoKart by ISNEE, Formula Student (Spain).
- Making available online research journals of major professional bodies like ACI,

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	1	1	4
Outlay in Rs. Lakhs	34.65	36.19	30.00	89.02

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2*	2*	-	-
Outlay in Rs. Lakhs	0.7	1.5	-	-

* In-house Research projects

3.4 Details on research publications

	International	National	Others
Peer Review Journals	47	1	-
Non-Peer Review Journals	1	2	-
e-Journals	4	-	-
Conference proceedings	63	34	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013 - 2016	SERB - DST	Rs.30,00,000	Rs. 18,00,000
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2014	MCET	Rs.60,000	Rs.32,000
	4 years	MCET	Rs. 50,000	Rs. 50,000
	4 years	MCET	Rs 1,00,000	Rs 1,00,000
	4 years	MCET	Rs. 50,000	Rs. 50,000
Students research projects (<i>other than compulsory by the University</i>)	2013-14	Tamil Nadu State Council for Science & Technology	7500	7500
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 (Not Applicable)

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	4	3	-	-
Sponsoring agencies	-	VI Micro Systems, Chennai	IITB-MHRD	-	-

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
7	2	2	-	3	-	-

3.18 No. of faculty from the Institution

who are Ph. D. Guides

and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="4"/>	State level	<input type="text" value="2"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="7"/>	State level	<input type="text" value="25"/>
National level	<input type="text" value="4"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

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

3.24 No. of Awards won in NCC:

University level	<input type="text" value="--"/>	State level	<input type="text" value="---"/>
National level	<input type="text" value="22*"/>	International level	<input type="text" value="---"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="14"/>
NCC	<input type="text" value="2"/>	NSS	<input type="text" value="12*"/>
		Any other	<input type="text" value="-"/>

*** NCC Awards and Participants Details**

University level: 07 Cadets

NCC National games preliminary – 07 Cadets - Karpagam University, Cbe– 16-25 Sep 2013

State Level: 25 Cadets

- Combined Annual Training Camp(CATC), PSG College of Technology, Coimbatore
01-11 July 2013 - 18 Cadets
- Combined Annual Training Camp (CATC), National Model School, Coimbatore
10-19 Jan 2014 – 06 cadets
- Combined Annual Training Camp (CATC), National Model School, Coimbatore 21-
30st December2013 – 01 cadet

National level : 04

TN/SD/13/14713, L/CPL. C. SARAVANAN (III Auto) participated Army Attachment Camp At Indian Military Academy, Dehradun from 23rd June 2014 to 4th July 2014.

Special National Integration Camp (NIC), Jaisalimar, Rajasthan. 18-29 Oct 2013, - 03

CPL. M. Arunkumar (III-ICE), L/ CPL. P. Rakkiappan (III-ICE), CDT. R. Vignesh (III-CIVIL)

Awards -22

Ref: Battalion Routine Order/ Issue No: 119/'C'/14 Dated on 21 Oct 2014 from 4(Tn)BN NCC, Coimbatore group.

No of Extension Activities from NCC -02

1. Rally on "Anti-tobacco" on 10th October 2013
2. Guest Lecture on "Carrier in Armed Forces" on 21st November 2013

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

Extension Service Department of Dr.Mahalingam College of Engineering & Technology conducted the following programmes:

- Jointly with DST Project, organized an **Awareness Programme on Solar Tunnel Dryer** at Kondaegoundenpalayam on 17.07.13. The President of the village Thiru.Muthumanikam along with farmers, Traders and Self Help Group people participated in the programme.
- Jointly with DST Project, organized **Solar Tunnel Dryer Awareness Programme** at Perumpathi Village (Puravipalayam Panchayat) on 29.07.13. 45 people benefitted out of it. Mr.T.Thiruvengadam, President, Uzhavar Mandram and President of the Village participated.

- Along with Blood Bank wing of Government Hospital, Pollachi and Lions Club Pollachi organized **Blood Donation Camp** on 15.8.2013 at MCET Campus. 100 units of blood were donated in the Camp.
- Jointly with Department of Computer Applications organized **A Training Programme on Computer to Farmers** and also started a tailoring Programme at Vadakkipalayam Village on 31.8.2013. Honorable Minister of Agricultural **Thiru.S.Dhamodharan**, inaugurated this programme. Thiru.M.Karunakaran, IAS, District Collector, Thiru.K.Sugumar, M.P., Thiru.M.K.Muthukaruppanaswamy, M.L.A., Tmt.Rashmi Sidharth Zagade, IAS, participated in the function.
- Along with Kowsalya Hospital, MCV Hospital, Sindhiya Medical Centre, Maharaja Dental Hospital and Vadakkipalayam village Panchayat organized **General Medical Camp** on 14.09.2013 at Vadakkipalayam Govt. School. Thiru.N.Jeyaraman, President, Kamadhenu Uzhavar Mandram Presided over the function. Thiru.R.Chinnu @ Rangaraj, President, Vadakkipalayam Panchayat, Thiru.V.Rajagopal, President, Parents Teachers Association inaugurated the function. About 150 people benefited out of it.
- Jointly with DST Project organized an **awareness programme on Solar Tunnel Dryer** Utilization at Manakkadavu, Agriculture Institute Campus on 27.09.13. 30 farmers participated in the programme. . Mr.N.Muthukkannan, Assistant Professor, Extension Services Department, explained the methods of Utilizing of Solar Drying Unit.
- **Solar Cooker, CFL Bulb & Solar Lantern Demonstration** was conducted at Ramarpannai, Gopalapuram on 28.09.13. About 300 rural & urban people benefited out of it.
- Jointly with the NSS wing of the college, organized a **Career Guidance Programme** at Govt. High School, Somanthurai Chittur village on 25.10.13. Thiru.Devaraj, Head Master, Govt. High School, Somanthurai Chittur, presided over the function. NSS Students participated and conducted this function.
- Organized a **Vermi Composting Demonstration & Preparation programme** at Negamam on 26.10.13. Thiru.V.Somasundaram, President, Negamam, Town

Panchayat presided over the function. About 35 farmers and SHG's participated in the programme.

- Jointly with NSS wing of the college organized a “**Career Guidance Programme**” at Govt. High School, Kanjampatti village. Thiru.Vellingiri, Head Master, Govt. High School, Kanjampatti; presided over the function on 29.10.13.
- **World Diabetic day Camp** was conducted at Negamam, Somanthurai Chittur, and MCET-NPTC Campus in association with Lions Club of Pollachi. Diabetic Check was registered from the following places (218 at Negamam, 244 at Somanthurai Chittur and 244 in MCET-NPT Campus) on 16.10.13. Totally 706 people benefited out of it.
- **Dinamalar Jayithu kattuvom Programme** (a very popular career guidance programme offered to school students by the Tamil daily Dinamalar) was organized at MCET in Association with Dinamalar on 16.11.2013 and 17.11.2013 to motivate SSLC and Higher Secondary Students (+2) About 4,000 10th Standard Students and 2500 12th Standard Students benefited out of the Programme.
- **Blood Donation Camp** was conducted on 07.01.14 at MCET. The Camp was organized by Dr.Mahalingam college of Engineering and Technology, NSS,NCC, Extension Services Government Hospital, Pollachi and Lions Club of Pollachi. Prof.C.Ramasamy, Secretary, NIA Institutions inaugurated this camp. Dr.Kajamohaideen, Medical officer, Government Hospital, Thiru. Ilamparuthi and Thiru. Nithyanathan, Kongu Makkal Sevai Trust, Pollachi and other members of trust and college staff members participated in the programme.
- **Computer Training and Electrical Wiring Programme** was conducted at Borstal school, Pollachi on 20.01.14. The Programme was organized by NSS and Tamil Nadu Prison department. Thiru.P.Govindarajan, Deputy Inspector General of Prison inaugurated this programme, About 100 prison school students benefited from the programme.
- **Solar Lantern Awareness and usage demonstration Programme** was conducted at Vadakkipalayam on 22.01.14. Tmt.Uma Maheswari, Instructor Cutting and Tailoring

CDTP staff demonstrated the Solar Lantern usages. About 36 people benefitted out of the programme.

- An awareness programme on **Mushroom cultivation** was conducted at Main Centre on 29.01.14. About 30 people benefitted out of it.
- An **awareness programme on Solar Coconut drying** was conducted at Kondaegoundenpalayam village on 31.01.2014. The programme was organized by Anna University, Chennai and NSS Team MCET. Totally 60 Farmers, Traders and Self Help Group members benefitted out of the programme.
- **General Medical Camp** was conducted at Kondaegoundenpalayam in association with Kowsalya Hospital, Sindhya Hospital and Kondegoundenpalayam Panchayat on 01.02.14. Dr.S.Murugaiyan, Director, Kowsalya Hospital, Dr.K.Varadaraj, Director, Sindhya Hospital, Dr.Fareeth, Maharaja Dental Hospital, Dr.Santhi Ananad, Asst.Director, KMC Hospital participated and examined the patients. Totally 200 patients benefitted out of the camp.
- **CFL Bulb Demonstration, Two Wheeler Repair & Maintenance camp, Sewing machine repair and maintenance camp** was conducted at Kondegoundenpalayam on 04.02.14. More than 50 from the village participated in the programme.
- **Solar Dryer awareness programme** was conducted at Kondegoundenpalayam village on 05.02.14 in association with NSS-Team of MCET. More than 50 farmers, Coconut traders, SHG's and Student volunteers participated in the programme.
- Jointly with Lions Club International, Pollachi **installed R.O.Water Plant Purifier** at Government High School, Gollapatti. The Secretary of NIA Educational Institutions Prof.C.Ramasamy inaugurated the Purifier Unit at Gollpatti. The former student of the school, Thiru. Ilamparuthi,. Thiru.Prasath, Head Master, Lions club Secretary Lion. M.Shanmugam, Ex.M.L.A., participated in the function.
- In continuation to this, one more R.O.Water plant was installed on the same day at Mariammal Girls Higher Secondary School, Pollachi. Lions club Secretary Lion. M.Shanmugam, Ex.M.L.A. Inaugurated the R.O. Water Purifier Unit.

- A **Career Guidance and Awareness Programme** was conducted at Govt. Higher Secondary School, Somanthuraichittur village on 18.03.14. 125 School Students benefited out of it. This programme was organized by Youth Red Cross Team of MCET in association with Extension Services Department.
- **An Awareness Programme on Drip Irrigation** was conducted at Kanjampatti and Nambiyamuthur Villages on 20.03.14. About 75 Farmers, Traders, Self Help Groups and Entrepreneurs benefited out of it.
- In association with Kolarpatti Primary Health Centre (PHC) conducted **World Health Day (WHD) 2014** Programme at MCET on 07.04.14. Various competitions related to WHD were conducted to school students. Totally 400 Students, Teachers, Instructors and Supporting Staff participated in the programme.
- **Awareness cum Training Programme on Solar Tunnel Dryer** was conducted at Nallampalli village on 19.04.14. Totally 40 Coconut Traders, Farmers and Self Help Group members participated in the programme.
- A **Summer Camp on Computer Training Programme** was conducted at Nallampalli village on 02.05.14. Dr.A.Rathinavelu Vice Principal and Mr.S.Nagarajan Project officer presided over the function. Totally 40 candidates benefited out of it.
- A **Training programme on Virgin Coconut Oil preparation** and Harvesting was conducted at Negamam Post Harvest Technology Centre (Old ABT Bus Stand) on 09.05.14. About 14 candidates benefitted out of it.
- A **Summer Camp on Computer Training Programme** was conducted at Kanjampatti village on 12.05.14. Totally 21 candidates participated in the programme.
- The **Career Guidance Programme conducted** for 12th students in association with Palani Gounder Higher Secondary School & District Education Office, Pollachi, District Employment Office, Coimbatore on 13.05.14. About 500 students benefited out of it.

- **Self-employment awareness programme for rural youths** was conducted at Govt. Higher secondary School, Periyapothu village on 25.05.14. About 150 people benefited out of it.
- A **Solar Cooker, Solar Lantern and CFL Bulb Demonstration** were conducted at Periyapodhu village on 29.05.14. Mr.S.Abisheik, Instructor – Electrical Wiring demonstrated the programme Totally 21 village people participated in the programme.
- A **Medical camp was conducted at Periyapodhu village on 30.05.14.** Dr.S.Murugaiyan, Director, Kowsalya Medical Centre, Dr.K.Varadaraj, Director, Sidhiya Hospital, Dr.Fareeth, Maharaja Dental Hospital participated and examined the patients. Totally 90 patients benefitted out of it.
- A **Solar Tunnel Dryer awareness programme** was conducted at periyapodhu village on 30.05.14. Mr.N.Muthukkannan, AP explained about the Solar Tunnel Dryer usages and highlights. About 20 village people benefited out of it.

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	44.66 Acres	-	Management	44.66 acres
Class rooms	56	3	Management	59
Laboratories	95	2	Management	97
Seminar Halls	10	0	Management	10
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	91	9	Management and AICTE	100
Value of the equipment purchased during the year (Rs. in Lakhs)	3253.02	384.68	Management	3637.71
Others	6792.28	1006.36	Management	7798.65

4.2 Computerization of administration and library

- ❖ Fully Computerized Library administration using Barcode Technologies
- ❖ Electronic Entry and Exit
- ❖ Circulation of books and non-book materials (Issues & Returns)
- ❖ OPAC, Web OPAC (Books, CDs and Questions)
- ❖ Using E-Resources (online Journals & e-books)
- ❖ Delnet services
- ❖ Multimedia Resources

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	50874	1,23,39,107.00	1441	3,92,913.00	52315	1,27,32,020.00
Reference Books	12969	7,26,940.00	1050	24,08,436.00	14019	31,35,376.00
e-Books	678	93,592.00	362	1,19,266.00	1040	2,12,858.00
Journals	250	14,70,126.00	8	11,600.00	258	14,81,726.00
e-Journals	1429	35,49,,336.00	687	16,34,109.00	2116	51,83,445.00
Digital Database	--	--	--	--	--	--
CD & Video	4413	94,124.00	217	7152.00	4630	1,01,276.00
Back Volumes	2445	3,66,750.00	560	84,000.00	3005	4,50,750.00

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	1831	1467	65	134	134	42	68	254
Added	208	209	35	3	3	4	22	Nil
Total	2039	1676	100	137	137	46	90	227

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



An Orientation programme for the newly joined faculty members, supporting, admin and non-teaching staff members was conducted during 15-31 July & 5th July 2013 respectively.



Two day Workshop on “Patent Reading & Analysis” was organized by the Faculty Development Cell (FDC) on 30 and 31st August 2013. 35 staff members participated in the programme.



Department of IT & MCETFOSS Community organized two day FDP on “Open Source Lab” on 13 & 14, September 2013. Mr.S.Baskar, Chief Executive Officer and Mr.Sekar, Technical Support Officer, Linux Xpert Systems, Chennai were the resource persons. About 55 external participants and 23 internal participants took part in the programme.



Guest lecture on “Power of relationship” by Dr.P.Krishnamoorthy, Corporate Trainer, NLP Practitioner, Coimbatore was conducted by FDC, MCET on 14th September 2013. About 50 internal faculty members participated.



A faculty development programme (FDP) on “Academic Leadership” was arranged by the FDC for all faculty members of MCET on 5th October 2013. Mr.M.S.S.Varadhan, MD, OM Consultants, Bangalore was the resource person. About 158 faculty members participated.

FDP on “Psychosocial Dynamics in Classrooms” by Dr.P.Krishnamoorthy, Corporate Trainer, NLP Practitioner, Coimbatore was organized for the newly joined faculty members of MCET by FDC on 20th October 2013. About 54 faculty members participated.



A seminar on “Harvesting Riches from the Web” for research scholars was organized by ISTE Staff Chapter and FDC, MCET on 18th November 2013. Dr.R.Chandrasekar, Formerly Professor in Western Australian Universities was the chief guest.About 53 research scholars participated in the programme.



A workshop on “Success through Soft Skills- Trainers’ Training Programme” for newly joined faculty members was organized by the FDC, MCET on 29 and 30th November 2013 and was co-ordinated by Dr. P. Bagavathy Rajan, AP (SS), English. Dr. K.S. Dhanam Xavier, Associate Professor,Periyar EVR College, Trichy and Prof. V.Sri Ramachandran, Professor at National College, Trichy were the resource persons of the workshop. About 49 faculty members participated.



Workshop on Teaching-learning series and Pedagogic training was conducted from 19.05.2014 to 06.06.2014. Dr. John Rymer, University of Alberta, Canada was the resource person. All the Heads of the departments and senior faculty members participated in the training programme.



“UTLP Practitioner Training Program” was inaugurated at MCET and organized by MCET-Mission 10X Technology Learning Centre (MTLC) on 26th May 2014. The training program was conducted from 26th May to 29th May 2014 and senior faculty members partook in the program.



A workshop on “Systems Approach for Curriculum Planning” by Mr. V. Kovaichelvan, Senior Vice President, HR, TVS was conducted to the Senior faculty members of the MCET on 17.04.2014.

IIT – Bombay Remote Centre Activities

- Two-week ISTE Main Workshop on “Analog Electronics” was organized by the Department of ECE between 4th June and 14th June 2013 through A-View.



- Half-day ISTE workshop on “Green Building Awareness” was organised on 24th August 2013 for the faculty members and students of Civil department
- Ms.V.K.Sudha, AP(SG), ECE attended a five-day training workshop on “Signals and Systems” at IIT Kharagpur – from 30th September to 4th October 2013.

- MHRD sponsored two week online seminar on “Engineering Mechanics” was conducted from 26th November 2013 to 6th December 2013 at IIT-B Remote Centre, MCET through



A-view. Prof. Mandar Inamdar and Prof. Sauvik Banerjee, IIT Bombay were the resource persons. About 6 external faculty members and 24 internal faculty members took part.

- IITB sponsored two weeks ISTE workshop on “Signals and Systems” under the NMEICT, MHRD, New Delhi was conducted by Mr. Vikram M. Gadre , Mr. Somnath Sengupta and Mr. Deepak B. Phatak, IIT Kharagpur. This was organised by the department of ECE at IITB Remote Centre, MCET from 2nd January to 12th January 2014. 28 faculty members participated in the workshop.



- IITB sponsored two weeks ISTE workshop on “Fluid Mechanics” under the NMEICT, MHRD, New Delhi was conducted by



Indian Institute of Technology, Kharagpur at IIT - Bombay Remote Center, MCET from 20.05.2014 to 30.05.2014. 33 faculty members got benefitted.

ISTE-MCET Chapter



A Technical talk on “Microstructure and its importance for Engineering Materials” was conducted in the ISTE-MCET Staff Chapter on 13.07.2013. Dr. P. Parameswaran, Program Leader, Structure-Property Correlations, Materials Synthesis & Structural Characterisation Division, Physical Metallurgy Group, IGCAR, Kalpakkam was the resource person.



A Guest Lecture and Live Demo on “Dynamics of Stock Market” was conducted in the ISTE-MCET Student Chapter on 19.07.2013. Mr. B. Harinarayanan, Dealer, the Stock Exchange, Mumbai, Main Member, M/s. PDJ Securities Ltd, Member – BSE, NSE, NCDEX and Depository Participants CDSL Ltd., Pollachi was the resource person.



A guest lecture on “India’s Global Competitiveness” by Dr. R. Nagarajan, Associate Professor, Department of Economics, PSG Arts and Science Colleges was arranged for the Final year Mechanical Engineering Students on 1st August 2013.



The orientation programme organized by ISTE-MCET Staff Chapter (TN-115) on the title “Enhancing Faculty-Student Relationship: Psycho-Spiritual Aspects” was held on 17.08.2013. Rev. Dr. Antony Kalliath, Director of Divyodaya Centre and President / Indian Theological Association, Coimbatore, gave a talk to all the faculty members.



Thiru. Krishna Jeganathan, Tamil Nadu State Secretary, Dharma Rakshana Samithi delivered a speech on “Vivekanandar Vazhiyil Ilaya Bharatham” on 3.10.2013.

This was organised under ISTE-MCET Student Chapter. About 100 students participated in the programme.



National Education Day was celebrated in commemoration of the Birth Anniversary of Maulana Abul Kalam Azad (The First Education Minister of India) by ISTE-MCET Staff Chapter on 11th November 2013. A technical seminar on “Towards better Institute-Industry Interaction for Co-creating R&D solutions”

was given by Mr. V. Bhaskar, Former General Manager, Engine R&D, M/s Ashok Leyland Ltd.

Workshop on E-Filing of Income Tax and Benefits of Housing loan and its procedures was conducted by the ISTE MCET Staff Chapter on 26.02.2014. Mr. B. Harinarayanan, Dealer-the stock exchange, Mumbai, Main Member, M/s PDJ Securities Ltd and Mr. N. Yuvaraj, Branch Manager, HDFC, Pollachi were the resource persons.

4.6 Amount spent on maintenance :	Rs. in Lakhs
i) ICT	37.65
ii) Campus Infrastructure and facilities	1133.75
iii) Equipments	410.78
iv) Others	2245.64
Total :	3827.82

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Establishment of new office of Director (Students Affairs)
- Thorough revision of students' Hand Book.
- Functioning of Students' Grievance and Redressal Cell.
- Students Guild of Services (SGS) headed by a very senior faculty member as Director (Student Affairs) and run by Student Representatives.
- Functioning of Career Planning and Guidance (CPG cell) with personnel having industrial and student training experiences
- Offering of orientation programmes
- Training for Placements, preparation for higher studies, entrepreneurship training.

5.2 Efforts made by the institution for tracking progression:

- Evaluating students' performance through continuous performance.
- Counselling the students who are poor performers with proper intimation to their parents.
- Monitoring the attendance and academic discipline of the students.
- Students' output in the form of worthwhile projects and conference publications.
- Conduct of inter-departmental competitions.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3577	338	-	-

(b) No. of students outside the state

22

(c) No. of international students

-

Men	No	%	Women	No	%
	2442	62 %		1473	38 %

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
196	377	12	3261	-	3846	178	419	9	3309	-	3915

Total Intake : 1050

Demand ratio : Dropout 0.01%

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

GRE/GATE Coaching classes are organized in the campus in association with IMS and Gate Forum respectively.

No. of students beneficiaries

35

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

On 26th April 2014, Mr. Selva kumar , Mr. Aravindhyan and Mr. Roopani, all alumni of MCET and currently working in Bosch visited our campus and interacted with our final year students who are eligible for the recruitment drive planned by Bosch. A total of 102 students took part in the event.

No. of students benefitted

102

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
21	775	216	39

5.8 Details of gender sensitization programmes

Gender sensitization is evident right from the selection of member for the Students' Guild of Service, equal number from both genders. Suggestions and discussions are taken from all in every event associated with SGS – which includes but are not limited to First year Orientation, General Body meetings, Club activities planning etc.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural and other events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	89	1288400
Financial support from government	1301	93,77,495
Financial support from other sources	6	22,500
Number of students who received International/ National recognitions	-	-

* The institution is also helping students to get bank loans.

5.11 Student organised / initiatives*

Fairs	: State/ University level	<input type="text" value="-"/>	National level	<input type="text" value="1"/>	International level	<input type="text" value="-"/>
Exhibition:	State/ University level	<input type="text" value="-"/>	National level	<input type="text" value="1"/>	International level	<input type="text" value="-"/>

* Please see annexure v for more details

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- Exam schedules were modified to facilitate student's convenience after representing it through SGS.
- Open Saturdays were introduced for the smooth conduct of club activities.
- Transport services were enhanced for day-scholars.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The Vision: “We develop globally competitive workforce and entrepreneurs”

The Mission: Dr. Mahalingam College of Engineering and Technology, Pollachi endeavors to impart high quality, competency based technical education in engineering and technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. This institution is also striving hard to attain a unique status at the international level by means of infrastructure, state-of-the-art computer facilities and techniques.

6.2 Does the Institution has a management Information System : Yes

- FTP and individual mail facilities for every staff for effective communication
- Inspro Plus software for maintaining students’ attendance.
- Department wise monthly progress report.
- Online Students’ feedback on staff, consolidation and analysis.
- Online marks and attendance entry for every phase of continuous evaluation, consolidation, analysis and automatic calculation of internal assessment marks
- Information of students performance to parents
- Information Technology enabled Services (ITeS) department for provision of IT facilities
- Students team titled Software Work Group (SWG) working on development of customized software for academic and administrative information processing

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

6.3.1 Curriculum Development

- Involvement of major stakeholders like industry personnel, Alumni, students in formulating syllabi
- Update of contents as and when needed with appropriate approval from the standing committee
- Working of Standing Committee (internal stakeholders) for interactions and discussions as and when needed.
- Periodic conduct of Board of Studies meetings for discussing and validating contents
- Approval by the Academic Council constituted by stakeholders of all sections
- Feedback from students and faculty members on the relevance, complexity of the courses.
- Exit feedback from final year students

6.3.2 Teaching and Learning

- Following of pedagogic structuring for teaching learning like preparing course plan, lesson plan, learning resources.
- Deploying different learning methods like demonstrations and case studies
- Conducting periodic Class Committee meetings for getting feedback from students on progression of teaching like syllabus coverage, difficulty in understanding certain contents, more requirements for problem solving, planning for technical lectures by inviting external resource persons on specific topics, development of stream-wise students talent through modules of training
- Encouraging students learning through fabrications for contests by institutional funding and guidance
- Making available the intranet site DSPACE for hosting rich web resources, curriculum and syllabi, collection of question papers and answer keys
- Use of web resources like NPTEL contents, MOOC, Virtual Labs, Spoken Tutorials – all as initiatives of NMEICT
- Obtaining students feedback on faculty for improving on quality of teaching learning
- Conducting workshops on pedagogy to enhance skills on methodical teaching, learning and evaluation.
- Giving hands on training using both internal and external resources.

6.3.3 Examination and Evaluation

- Continuous evaluation in the form of assignments, tutorials, quiz tests, MCQ
- Periodic Continuous and Comprehensive Tests (CCETs)
- Pattern of question paper containing MCQ, fill-ins, short answers, compulsory descriptive, choice based descriptive answers to enable testing of students on multiple Bloom's levels.
- Earning of course wise minimum attendance to become eligible for appearing in semester end examinations
- Provision for getting exemption from appearing for semester end examinations on valid reasons that arise due to unforeseen circumstances, and further re-appearance
- Question paper setting and valuation by faculty from specifically identified reputed institutions that is available as a database
- Scrutiny of question papers by external faculty and senior faculty of departments to screen for errors, mistakes and out-of-syllabus questions
- Feedback on question papers – length, level of difficulty, relevancy – of questions from faculty members handling the course and respective students
- Online entry of marks, attendance and computation of internal assessment marks
- Publication of results in minimum possible time, generally within a month after approval from result passing board
- Use of QR code on answer scripts for maintaining confidentiality and multiple point entry of student marks of semester end examinations, to avoid error in entry.
- Comprehensive analysis of results for corrective actions

6.3.4 Research and Development

- Encouraging faculty members for doing PhD with provisions like on-duty leave for research works
- Providing institutional funding for internal research works by staff and students
- Sponsoring staff and students for presentation/participation in national and international conferences, seminars
- Making available major e-journals for creating research ambience and facilitating research
- Periodic review of work progress of PhD scholars by senior faculty members, Principal and academic director
- Emphasizing students to do project works that are extensions of previous research publications in reputed journals.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Elaborate library with impressive stacking of text and reference books
- Software tracking of books transactions
- E-Journals of major professional bodies and publishers
- Energetically functioning Readers Club that promotes and motivates reading habit
- Large collection of gratis across wider areas and genre
- Exclusive Study Centre that houses the books, speeches and videos of great leaders like Swami Vivekananda, Mahatma Gandhi and saints like Ramalinga Vallalar.

6.3.6 Human Resource Management

- Faculty development through need based trainings conducted within campus and sponsoring outside
- Minimum post graduation qualification for teaching faculty
- Developing research orientation through sponsoring for PhD programmes, conferences and publications
- Providing staff and student welfare measures
- Management of student affairs through Student Guild of Service (SGS), a proven model of the college that has meticulously elected student office bearers, facilitated by a senior staff member and mentored and guided by the management
- Catering to skill development through centres of competence
- Promotions and incentives through performance appraisals
- Counselling and mentoring students by faculty and CPG

6.3.7 Faculty and Staff recruitment

- Faculty and staff recruitment to maintain staff-student ratio as stipulated by university, AICTE and UGC.
- Recruitment through advertisements in leading dailies and done by a panel experts that have senior faculty invited from a reputed institution, director academic, principal and senior faculty members of the programme for which recruitment is done.

6.3.8 Industry Interaction / Collaboration

- Leveraging the rich industrial networking of the Management for a dynamic industry institute linkage
- Visit to industries by faculty members for promoting and enhancing staff training, student internships, technical lectures, placement and consultancy in design, analysis and testing, conducting one-credit courses.
- Industry and corporate personnel's dedicated involvement in formulation of curriculum and syllabus
- Training of personnel from companies through the centres of excellence

6.3.9 Admission of Students

- Admission of students as per norms of University, UGC and government and through single window system

6.4 Welfare schemes for

Teaching	Available – details provided in annexure vii.
Non-Teaching	Available – details provided in annexure viii.
Students	Available – details provided in annexure ix.

6.5 Total corpus fund generated

Nil

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	ISO Audit by TUV-Rheinland; Audit of exam cell processes by external auditors	Yes	Principal
Administrative	Yes	ISO Audit by TUV-Rheinland	Yes	Principal

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

For UG Programmes Yes No

For PG Programmes Yes No

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

- Implementation of QR code to maintain confidentiality of the answer script
- Multi-point computer entry of end-semester marks to ensure correctness.
- Entry of Continuous and Comprehensive Evaluation Test marks and attendance in intranet portal and automatic calculation of attendance and end semester marks.
- External Audit of the processes of office of the Controller of Examinations by Senior Professors from reputed Engineering Colleges/Universities.
- A transparent system of revaluation of answer scripts with counselling by the staff handling the subject.
- Publication of results within a month's period from the completion of the semester examinations.
- Analysis of results department wise and year wise for academic improvement.

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

- University nominee, forming part of the academic council and Board of Studies, positively considers for approval the constructive changes that are brought in the regulation, curriculum and syllabus of the academic programmes.

6.11 Activities and support from the Alumni Association

- Endowment fund from Alumni Association for motivating the best performing students with cash awards and prizes
- Alumni interaction with students
- Alumni on Board of Studies and Academic council giving suggestions while framing curriculum and syllabus

Other activities of Alumni Association (Please See Annexure x)

6.12 Activities and support from the Parent – Teacher Association

- Constructive suggestions from parents to analyze the strengths and scope for improvement of the college.

6.13 Development programmes for support staff

- Provision for part-time higher studies with salary and reimbursement of 50% of tuition fees.
- In house – staff development programmes are conducted.
- Sponsored to participate in staff development programmes.

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

- Installation of solar roof top power plant with around 55 kWp to create awareness among students on green energy.
- Outsourcing to external agency for maintaining a clean and green campus.
- Use of modern vehicles for clearing of withered tree leaves, twigs, etc.
- Conduct of environment awareness programmes.

Criterion – VII

7. Innovations and Best Practices

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

Innovation	Impact
Categorizing the main UG programmes into streams namely Core, Circuit and IT (Academic convenience and excellence)	Simplification and more focused in organizing and offering student related services like in-plant training, industrial visit, placement drives, orientation programmes, meetings with stakeholders
Introduction of Web contents of NPTEL and Participation of staff members in IIT Remote Centre workshops (Academic Excellence)	Staff members have started to use NPTEL contents for teaching learning. This has an impact in the way in which they teach and this also contributes to good learning experience of the students.
Orientation programme to first year students by senior industrial personnel, Alumni. (Stakeholder Relationship) (See Annexure iii)	This has started to give the proper career orientation to the first year students. It is also planned to invigorate the career concern of the students by offering reinforcement orientation sessions.
Introduction of one credit course in the curriculum for student skill development (Furthering the students' academic interest)	Leveraging the usage of centres of excellence, a series of one credit courses has been worked on by each stream and every student should opt for and complete one course in each semester. This further adds to the understanding level and skill development among students.

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

Plan of Action	Action Taken
Restructure Curriculum and Syllabus for Mechanical and Automobile Engineering Programmes based on Outcome Based Education.	Curriculum and Syllabi for Mechanical and Automobile programmes is being worked out with inputs from major stake holders and guidance from educational experts keeping focus on outcome based education.
Organize workshop on pedagogy.	A three-week workshop on pedagogy was kick-started as the beginner for a series of such workshops enhancing the quality of teaching learning in the college. Experts in the field from Canada have acted as resource persons.
Planned to pool the students stream-wise viz., Core, Circuit and IT streams and to develop their stream oriented skills through training by experts from industries.	The nine undergraduate programmes have been grouped into three streams based on the similarity of the academics and job roles. Specific skill oriented trainings are being offered to the students. Students talent pool development training (STPDT) to specifically identified students using senior technical personnel from reputed industries. Five modules completed.
Conduct stream wise Career orientation for the First year students.	A three-day career orientation conducted separately for the students of each stream. Industry expectations have been shared by senior industrialists and role readiness given by invited alumni.
Conduct Quality Audit.	External Quality Audit (ISO-surveillance) conducted. An exclusive audit for the examination and evaluation processes at the controller of examinations office conducted with senior professors from leading universities/institute as the auditors.
Promote usage of quality resources to enhance the teaching-learning.	A Cell with senior faculty as members take care of promoting and making available quality learning resources (NPTEL, MOOC, MITOCW, Spoken Tutorials).

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

One credit course for student skill development:

Leveraging the usage of centres of excellence, a series of one credit courses has been worked on by each stream and every student should opt for and complete one course in each semester. This further adds to the understanding level and skill development among students.

Categorizing the main UG programmes into streams:

Simplification and more focused in organizing and offering student related services like in-plant training, industrial visit, placement drives, orientation programmes, and meetings with stakeholders.

7.4 Contribution to environmental awareness / protection

- A solar roof top power plant with around 55 kWp capacity has been installed in the campus in order to create awareness among students and youth about the need for green energy. The plant is able to meet around 6% of electrical consumption of the college.
- The college has a tie-up with Verschuren Centre for Sustainability in Energy and Environment, Cape Briton University, Canada. Two faculty of MCET have been honoured with Verschuren Research Fellowship in the area of Energy, Environment for on-going research.
- The college is all set to host an International Conference on “Renewable Energy and Sustainable Environment (RESE 2015)”. The conference aims to bring together all the major stakeholders to examine the current challenges and to understand the options available for Green Living.

7.5 Whether environmental audit was conducted? Yes

No

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

- Frequent visits by experts from among senior academicians, industrialists and delegates from abroad to explore the possibilities of expertise and resources sharing for mutual development.
- A Strong network with industry with the able support and guidance of the management who own the Sakthi Group of companies.
- The college enjoys autonomy using which it is able to bring constructive changes in the curriculum, syllabus and the examination processes. Also the college has a very dynamic interaction with the stakeholders (industry and parents) to refine such changes.
- The establishment of the centres of excellence for enhanced learning and students skill development.
- The teaching learning quality needs a constant and regular progression in the college for bringing out better informed students. The college is continuously working on this area by offering pedagogic skill development programmes, faculty development programmes and putting in place enhanced learning environment.
- Signing of MoU with tCRIX



MCET has signed Memorandum of Understanding with the Center for Research and Innovation Exchange (tCRIX), Hyderabad on 21st October 2013, to establish Enterprise Solution Competency Center at MCET campus. This MoU will enable MCET to use Microsoft Dynamics Software for Teaching and Research purposes. MoU was signed by the Correspondent of MCET and Mr. Phani Kondepudi, Chairman, tCRIX, Hyderabad, in presence of Mr. Virinchi Garimella, MD, 3x3 Connect, Hyderabad.

- MoA between NRDC, New Delhi and NIA

Memorandum of Agreement (MoA) has been signed between National Research Development Corporation, New Delhi and Nachimuthu Industrial Association (NIA), Pollachi on 30th January 2014. This has been duly executed for technology commercialization and for filing & maintaining of patents/copyrights/ trademarks. It has been made to co-operate in the development of technologies and their successful transfer to industry for commercial exploitation and socio-economic benefits.

8. Plans of institution for next year

Academic

- i. Introduction of a restructured curriculum and syllabi for the programmes of Mechanical and Automobile Engineering. This curriculum has been devised completely focusing outcome based education by practically taking into consideration the professional skills and holistic personality development of the students as suggested by major stake-holders.

Research:

- ii. Project teams, comprising a senior faculty in the designation of AP (SG) and 2 or 3 APs, will be constituted with objective of designing and executing mini projects. They will explore and make use of the available in-house resources from various centers of excellence.

H.R. & Faculty Development:

- iii. Department wise need analysis will be done, based on the syllabi, to understand expertise requirement in specialised topics and suitable resource persons from industry or senior academicians will be identified as Adjunct Faculty Members. Also each department will plan, organize and conduct at least two need based FDPs.
- iv. Faculty Development programme will be organized by every department based on the needs of faculty. The need analysis will be done based on the faculty profile competency mapping and the courses to be handled by them.

Community Services:

- v. Nearby village will be adopted and awareness training on usage of computers and internet will be given. Small student groups will offer the training for 4 hours on Sundays for 10 weeks.

Industry Relation:

- vi. Teams, comprising a senior faculty in the designation of AP (SG) and 2 or 3 APs, will be constituted in every department. The team will visit the industries relevant to their department and explore the possibilities of obtaining training and doing projects.

Student Affairs:

- vii. Group Discussion will be made mandatory in all classes to enhance effective learning. This will happen in a planned and structured manner and evaluated.

Value Addition:

- viii. Application oriented Value added-courses will be designed and offered. Such courses will be adopting interactive, activity based teaching learning process and focusing contents for learning over and above the syllabus. Also attempt will be made to offer courses through MCET Bosch Rexroth Centre of Excellence offline to industry personnel using blended mode of learning.

Name Mr. A. SRINIVASAN



Signature of the Coordinator, IQAC

Name Dr. M. RAMAKRISHNAN



Signature of the Chairperson, IQAC

Annexure i Academic Schedule 2013-14

Dr. Mahalingam College of Engineering & Technology :: Pollachi - 3

ACADEMIC CALENDAR - 2013-2014

UG / PG Programmes (ODD SEMESTER) as on 10.05.13

Description	IV YEAR(AU-CHE) (7 Semester)	III YEAR (5 semester)	II MCA (5 Semester)	II YEAR (3 semester)	II MCA/M.E (3 Semester)	I YEAR B.E/ B.Tech (1 Semester)	I M.E./MCA (1 Semester)
Reopening Date	01.07.2013	08.07.2013	15.07.2013	15.07.2013	15.07.2013	01.08.13	03.09.13
CAT-I/C CET I/Mid Semester	12.08.13 to 14.08.13	19.08.13 to 24.08.13	-	19.08.13 to 24.08.13	-	23.09.13 to 28.09.13	-
CAT-II/C CET II/Mid Semester	23.09.13 to 25.09.13	23.09.13 to 28.09.13	23.09.13 to 28.09.13	23.09.13 to 28.09.13	23.09.13 to 28.09.13	04.11.13 to 09.11.13	04.11.13 to 09.11.13
RETEST	-	28.10.13 to 30.10.13 & 04.11.13 to 06.11.13	-	04.11.13 to 09.11.13	-	29.11.13 to 05.12.13	-
CAT-III /Model	24.10.13 to 30.10.13	02.12.13 to 09.12.13	29.11.13 to 05.12.13	29.11.13 to 05.12.13	29.11.13 to 05.12.13	06.01.14 to 11.01.14	06.01.14 to 11.01.14
Last Working Day	30.10.13	09.12.13	05.12.13	05.12.13	05.12.13	11.01.14	11.01.14
Commencement of Practical Exams	04.11.13 (II Slot)	09.12.13	09.12.13	09.12.13	09.12.13	13.01.14	13.01.14
Commencement of End Semester Examinations	To be announced later	23.12.13	23.12.13	23.12.13	23.12.13	24.01.14	24.01.14
Reopening Date for Next semester	23.12.13	06.01.2014	06.01.2014	06.01.2014	06.01.2014	19.02.14	19.02.14

To
All HOD / HOS

Copy to: The Director (Academic)
The Secretary for kind information


PRINCIPAL

Dr. Mahalingam College of Engineering & Technology :: Pollachi - 3

ACADEMIC CALENDAR - 2013-2014

UG / PG Programmes (EVEN SEMESTER) as on 10.05.13

Description	IV YEAR(AU-CHE) (8 Semester)	III B.E/ B.Tech (6 semester)	II B.E/ B.Tech (4 Semester)	III MCA (4 semester)	II MCA (4 Semester)	I B.E/ B.Tech (2 Semester)	I M.E./MCA (2 Semester)
Reopening Date	23.12.2013	06.01.14	06.01.14	06.01.14	06.01.14	19.02.14	19.02.14
CAT-I/C CET I/Mid Semester	27.01.14 to 29.01.14	17.02.14 to 22.02.14	17.02.14 to 22.02.14	01.04.14 to 08.04.14	01.04.14 to 08.04.14	29.03.14 to 04.04.14	17.05.14 to 24.05.14
CAT-II/C CET II/Mid Semester	04.03.14 to 06.03.14	01.04.14 to 08.04.14	01.04.14 to 08.04.14	-	-	19.05.14 to 24.05.14	-
Retest	-	23.04.14 to 28.04.14	23.04.14 to 28.04.14	-	-	09.06.14 to 14.06.14	-
CAT-III /Model	09.04.14 to 12.04.14	23.05.14 to 29.05.14	12.05.14 to 19.05.14	12.05.14 to 19.05.14	12.05.14 to 19.05.14	01.07.14 to 08.07.14	01.07.14 to 08.07.14
Last Working Day	12.04.14	29.05.14	19.05.14	19.05.14	19.05.14	08.07.14	08.07.14
Commencement of Practical Exams	21.04.14	22.05.14	22.05.14	22.05.14	22.05.14	12.07.14	12.07.14
Commencement of End Semester Examinations	02.05.14	02.06.14	02.06.14	02.06.14	02.06.14	21.07.14	21.07.14
Reopening Date for Next semester	13.08.2012	23.06.14	23.06.14	23.06.14	23.06.14	15.07.14	15.07.14

To
All HOD / HOS

Copy to: The Director (Academic)
The Secretary for kind information


PRINCIPAL

Annexure ii

Feedback Forms and Analysis Reports

Dr. Mahalingam College of Engineering and Technology (Autonomous) Pollachi - 642 003

டாக்டர் மகாலிங்கம் பொறியியல் மற்றும் தொழில்நுட்பக் கல்லூரி (தன்னாட்சி)
பொள்ளாச்சி 642003

FEEDBACK FORM - PARENTS (பெற்றோர் கருத்துகணிப்பு படிவம்)

Dear Parent(s),

The purpose of this form is to improve our services and overall performance. Please rate the parameters in the scale of 1 to 4 by encircling the ratings against the parameters and kindly return back this form. Feel free to give your valuable comments and observations.

அன்புடையீர்,

எங்களின் கல்விசேவையை மேம்படுத்தும் பொருட்டு தங்களிடமிருந்து கருத்துக்களைப் பெற இப்படிவம் தங்களுக்கு தரப்பட்டுள்ளது. உங்கள் கருத்துக்களை 1 முதல் 4 அளவிற்குள் மதிப்பீட்டு இப்படிவத்தை திருப்பி ஒப்படைக்குமாறு கேட்டுக்கொள்கிறோம்.

Feedback about ICE department

S.No வ.எண்	Description விபரம்	Needs Improvement மேம்படுத்த வேண்டும்	Average சராசரி	Good நன்று	Excellent மிக நன்று
1	Imparting Knowledge (as understood by you) கல்வி அளிக்கும் முறை	1	2	3	4
2	Communication with Parents பெற்றோர்களுடன் தொடர்பு கொள்ளும் முறை	1	2	3	4
3	Marks Reporting System மதிப்பீடுபணிகள் அனுப்பும் முறை	1	2	3	4
4	Attendance Reporting System வருகைப்பதிவேடு அனுப்பும் முறை	1	2	3	4
5	Career Counseling and Training நலவாழ்விற்கான வழிகாட்டுதலும் பயிற்சியும்	1	2	3	4
6	Placement Activities: வேலைவாய்ப்பு குறித்த நடவடிக்கைகள்	1	2	3	4
7	Class Room Facilities: வகுப்பறை வசதிகள்	1	2	3	4
8	Laboratory Facilities: ஆய்வக வசதிகள்	1	2	3	4
9	Extra-Curricular Activities (Sports/NSS/NCC/Cultural activities etc.) கல்வி சாரா பயிற்சிகள்	1	2	3	4
10	Co-curricular Activities (Association / Clubs / Seminar / Conference etc.)	1	2	3	4

Please give your valuable suggestions to improve the overall performance of campus

கல்லூரி முன்னேற்றத்திற்கான தங்களின் ஆலோசனைகள்

1	
2	

(Optional)

Name of the Student: _____ Parent Name: _____

Address: _____

Phone Mobile No _____ Date : _____

Parent Signature : _____

பாக்டர் மகாலிங்கம் பொறியியல் தொழில்நுட்பக் கல்லூரி, பொள்ளாச்சி - 03
(தன்னாட்சி நிறுவனம்)

பெற்றோர் கருத்துப் படிவம்
(தர நிர்ணய மற்றும் மதிப்பீட்டின் ஓர் அங்கம்)

அன்புடையீர்,

நமது கல்லூரியின் சேவைகள் மற்றும் ஓட்டுமொத்த செயல்திறனை மேம்படுத்தும் பொருட்டு கீழே கொடுக்கப் பட்டுள்ள ஒவ்வொரு அளவுருவுக்கும் எதிராக (✓) குறியீடு செய்யுமாறு கேட்டுக் கொள்கிறோம். இப்படிவத்தில் நீங்கள் பூர்த்தி செய்யும் தகவல்கள், எங்கள் தொடர் சேவையை மேம்படுத்த உதவும் என நம்புகிறோம். கீழ் குறித்த தங்கள் ஒத்துழைப்பிற்கு நன்றி.

தொடர் எண்	அறிவுரு	மிக நன்று	நன்று	சராசரி	தீருப்தீகரமாக உள்ளது	மூன்றேற்றம் தேவை
1.	கல்வியறிவு வழங்குதல்					
2.	ஆங்கில உரையாடல் திறனை மேம்படுத்துதல்					
3.	மனித நேய மனப்பாங்கை வளர்த்தல்					
4.	தொடர்ந்து கற்பதற்கான ஆர்வத்தை உண்டாக்குதல்					
5.	போட்டித் தேர்வுகளில் திறம்பட செயல்படுவதற்கான ஆர்வத்தை உண்டாக்குதல்					
6.	பெற்றோர்களுடன் மாணவர்களைப் பற்றிய தகவல் பரிமாற்றம்					
7.	தேர்வு மதிப்பெண்கள் மற்றும் மாணவர் வருகை நிலைவரம் பற்றிய தகவல் வழங்குதல்					
8.	செய்தொழில் குறித்த ஆலோசனை மற்றும் பயிற்சி					
9.	வேலைவாய்ப்பிற்கான ஏற்பாடுகள்					
10.	வகுப்பறை மற்றும் ஆய்வக வசதிகள்					
11.	ஊடகப்பாடல் /NSS / NCC போன்ற பாடத்திட்டம் சாராத செயல்பாடுகள்					
12.	பாடத் திட்டம் சார்ந்த செயல்பாடுகள் (கருத்தரங்கு, தொழில்நுட்ப மாநாடு, பயிற்சி வகுப்புகள் போன்றவை)					
13.	கல்லூரிப் பேருந்து வசதிகள்					
14.	சிறுநுண்ணடி, வாங்கி, ஏ.டி.எம், மருத்துவ வசதி, புத்தக அங்காடி போன்ற வசதிகள்					
15.	மாணவர்கள் ஒழுக்கத்திற்கான நடவடிக்கைகள்					
16.	மாணவர் குறை களைதல்					
17.	நம் கல்லூரியின் கல்லூரிச் சேவையின் மூலம் தங்கள் மகன் / மகள் பெற்றுள்ள ஓட்டுமொத்த செயல்திறன் மேம்பாடு					

கல்லூரியின் செயல்பாட்டினை மேலும் மேம்படுத்துவதற்கான தங்களது கருத்துக்களை தயவு கூர்ந்து கீழே பதிவு செய்யவும் .

1.	
2.	
3.	

மாணவர் / மாணவி பெயர் : பெற்றோர் பெயர் :

துறையின் பெயர் : முழு விலாசம் :

கைபேசி எண் :

Dr.Mahalingam College of Engineering and Technology, Pollachi 642 003
[An Autonomous institution]

STUDENT FEEDBACK FORM
[Practical Subject]

	(*if you wish)
Programme :	* Name of student :
Current Year /Semester:	* Register number :
Batch :	* Signature :

Name of the staff evaluated :Dr/Mr/Ms.
(give feedback for **main staff member** who handled the practical subject)

Practical Subject handled :

Dear Student:

We are constantly aiming to improve upon the class room delivery by the faculty members and we aspire to impart the best education to the students. Your honest and unbiased feedback will help us to improve our performance.
Give your feedback by writing the **Letter Grade** as

EXCELLENT : E, GOOD : G, AVERAGE : A, SATISFACTORY : S, NEEDS IMPROVEMENT : I

Please take time and register your feedback

Sl. No.	The teacher...	Letter Grade
1	Is punctual to the lab classes	
2	Issues handouts/lab manuals well in advance	
3	Gives the introduction of the exercises/experiments highlighting their aims	
4	Gives clear instructions for doing each experiment	
5	Helps students in relating the experiment with the relevant theory already learnt	
6	Goes around the lab and monitors students when they are doing the experiment	
7	Asks questions to check students understanding of the experiment and its purpose	
8	Insists on timely submission of observation/record note	
9	Takes sufficient time for correcting observation/record note and indicates the corrections clearly	
10	Appreciates innovative performance of students	

Thanking you

Dr.Mahalingam College of Engineering and Technology, Pollachi 642 003
[An Autonomous institution]

STUDENT FEEDBACK FORM

[Theory Subject]

Programme	(*if you wish)	
Current Year /Semester:	* Name of student
Batch	* Register number
		* Signature

Name of the staff evaluated :Dr/Mr/Ms.

Subject handled :

Dear Student:

We are constantly aiming to improve upon the class room delivery by the faculty members and we aspire to impart the best education to the students. Your honest and unbiased feedback will help us to improve our performance.
Give your feedback by writing the **Letter Grade** as

EXCELLENT : E, GOOD : G, AVERAGE : A, SATISFACTORY : S, NEEDS IMPROVEMENT : I

Please take time and register your feedback

Sl. No.	TEACHING EFFECTIVENESS	Letter Grade
1	The teacher... Is punctual to the class	
2	Follows a teaching plan and highlights the objectives of learning	
3	Is able to teach with good depth and applications	
4	Has good communicative ability	
5	Teaches the subject in a clear and logical manner	
6	Writes and draws clearly and legibly on the black board	
7	Stresses important points during teaching	
8	Gives examples, analogy and applications that are relevant to the content	
9	Uses teaching aids like charts, ppts, videos whenever appropriate.	
10	Gives additional inputs and references for further learning	
11	Teaches at an appropriate pace (neither very slow nor very fast)	
12	Uses case studies, group discussions, solved examples and exercise problems for better understanding	

Sl. No.	EVALUATION AND MOTIVATION	Letter Grade
13	The teacher... Encourages the students to ask questions and facilitates class room discussion	
14	Sets questions at the appropriate level of difficulty to answer	
15	Values answer papers impartially and returns promptly.	
16	Gives feedback about performance in the answer script and discusses the same in class	

Sl. No.	COMMITMENT AND CONCERN	Letter Grade
17	The teacher... Teaches beyond syllabus for career development	
18	Is honest, flexible and approachable and maintains class room discipline	
19	Appreciates good performance of students and offers guidance for improvement	
20	Helps in the overall development (character and personality) of student	

Thanking you

ALUMNI FEEDBACK FORM
[A Part of Quality Assurance cum Assessment]

Dear Alumnus,

Being a proud alumnus of this college we believe that you will be able to give an objective and unbiased feedback regarding the college and its functioning when you were a student here. We are sure that we will put your valuable feedback to the best use for improving the college status on various aspects and serve your junior students better. Kindly register your feedback as a written note or selecting the relevant box as you have observed. Thank you!

Very Good (VG); Good (G); Average (A); Satisfactory (S); Needs Improvement (I)

		VG	G	A	S	I
I	FACILITIES					
1	Class room facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Laboratory facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Multimedia facilities for learning (like LCD projectors, videos, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	General amenities (Cafeteria, drinking water, wash room, medical, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Library facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Research labs/ facilities for doing project	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Sports and Gym facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Hostel facilities (if you had been hosteller)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
II	FACULTY (Evaluation of all faculty put together)					
1	Academic standing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Teaching and class room management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Commitment to guide students for higher levels of learning (projects, presentations, publications, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Acquiring current knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Cordiality and accessibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
III	CAREER PLANNING AND GUIDANCE					
1	Trainings for placement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Personality development programmes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Trainings in sports / games (if applicable to you)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Coaching for admission to higher studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IV	GENERAL ADMINISTRATION					
1	Dissemination of relevant communications (from govt., univ., other colleges, companies, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Redressal of legitimate grievances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Encouragement to try novel ideas in college	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Flexibility in administration wherever possible and needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

...2

V. Kindly mention the strengths and areas for improvement of the college as you observed during your study in the college

Strengths	Areas for Improvement
Facilities	
Faculty	
Trainings	
General Administration	

Any other suggestion / feedback / innovative ideas to improve the overall performance of our college (if any):

(Please do not hesitate to attach one or more pages of written feedback elaborately if you wish.)

You are presently...



Employed	Employed with: _____ Designation : _____ Key responsibilities: _____	<u>Under going</u> any parttime study: Yes / No If yes, mention name of programme _____
Doing higher studies	Program: _____ Institute/College: _____ (with place)	Having Previous industrial experience : Yes / No
An entrepreneur	Venture: _____ Since (year): _____	If yes, number of years: _____

Personal Information:

Name	:	Phone :
Branch Studied	:	Mobile:
Batch	: 20__ to 20__	Mail id:
Communication address	:	_____
		Signature with Date

EMPLOYER FEEDBACK FORM
(A part of Quality Assurance cum Assessment)

Dear Sir/Madam,

XX.XX.XXXX

Warm Greetings.

We understand that a substantial number of alumni of our institution are working in your company/organization. We sincerely register our thanks for recruiting them and making them a part of your dynamic organization.

We are interested in understanding the performance of our alumni as employees of your organization. We are dedicated to the continuous improvement of the programmes that we offer. The information that you provide through this survey will be very helpful in this process.

We request you to kindly provide your feedback based on a collective observation about our alumni. We believe that your feedback will help us to serve the current students better.

Thanking you,

Yours sincerely,

Head of Department

Coordinator/ Academic Corporate Relations

Feedback

1. Name of the Organization: _____
2. Number of Alumni of our institute presently working with you: Number: _____; UG/PG: _____
3. Please give your observations by selecting the appropriate box:

		Very Good (VG);	Good (G);	Average (A);	Satisfactory (S);	Needs Improvement (I)
S.No.	Criteria	VG	G	A	S	I
1	Knowledge in the Fundamentals of Science & Engg.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Problem Solving Ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Ability to apply knowledge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Demonstration of practical skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Communicative ability(written & spoken)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Deriving benefits through trainings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Interpersonal skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Skill in Handling Modern Tools and Software	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Ability to work in teams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	General commitment to profession and ethics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Humanitarian Outlook (Concern for the society and the environment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Quest to Learn More	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Suggestions for further improvement in the functioning of the college

Date :

Name & Designation :

Signature

Dr. Mahalingam College of Engineering and Technology, Pollachi		
[Autonomous Institution]		
Department of Instrumentation and Control Engineering		
Alumni Feedback Collected in the AY 2013 – 2014		
Sl. No	Criteria	Feedback
FACILITIES		
1	Class room facilities	85.71
2	Laboratory facilities	87.14
3	Multimedia facilities for learning (like LCD projectors, videos, etc)	78.57
4	General amenities (Cafeteria, drinking water, wash room, medical, etc)	75.71
5	Library facilities	91.43
6	Research labs/ facilities for doing project	78.57
7	Sports and Gym facilities	75.38
8	Hostel facilities (if you had been hosteller)	76.92
FACULTY (Evaluation of all faculty put together)		
1	Academic standing	84.29
2	Teaching and class room management	85.71
3	Commitment to guide students for higher levels of learning (projects, presentations, publications, etc)	85.71
4	Acquiring current knowledge	80.00
5	Cordiality and accessibility	88.57
CAREER PLANNING AND GUIDANCE		
1	Trainings for placement	84.29
2	Personality development programmes	75.71
3	Trainings in sports / games (if applicable to you)	81.43
4	Coaching for admission to higher studies	82.86

GENERAL ADMINISTRATION		
1	Dissemination of relevant communications (from govt., univ., other colleges, companies, etc.)	75.71
2	Redressal of legitimate grievances	84.29
3	Encouragement to try novel ideas in college	72.86
4	Flexibility in administration wherever possible and needed	80.00

**Department of Instrumentation and Control Engineering
Parents Feedback Collected in the AY 2013 - 2014**

S. No	Criteria	Feedback
1	Imparting Knowledge (as understood by you) கல்வி அளிக்கும் முறை	80.00
2	Communication with Parents பெற்றோர்களுடன் தொடர்பு கொள்ளும் முறை	80.00
3	Marks Reporting System மதிப்பெண்கள் அனுப்பும் முறை	76.00
4	Attendance Reporting System வருகைப்பதிவேடு அனுப்பும் முறை	76.00
5	Career Counseling and Training நல்வாழ்விற்கான வழிகாட்டுதலும் யிற்சியும்	76.00
6	Placement Activities வேலைவாய்ப்பு குறித்த நடவடிக்கைகள்	88.00
7	Class Room Facilities வகுப்பறை வசதிகள்	80.00
8	Laboratory Facilities ஆய்வக வசதிகள்	80.00
9	Extra-Curricular Activities (Sports/NSS/NCC/Cultural activities etc.) கல்வி சாரா பயிற்சிகள்	80.00
10	Co-curricular Activities (Association / Clubs / Seminar / Conference etc.)	80.00

Department of Instrumentation and Control Engineering
Students Feedback Collected in the AY 2013 – 2014

A. Assessment of learning ambience and facilities at MCET		
S. No	Criteria	Feedback
1. Quality of instructions and support for learning by faculty & staff members		
1	Basic sciences (Mathematics, Physics, Chemistry)	90.67
2	Foundation courses in engineering	82.67
3	Applied and specialized courses in engineering	80.00
4	Computers (Programming and use of software)	84.00
5	Humanities and management courses	84.00
6	English	86.67
7	Support given by technical and supporting staff in engg.	90.67
8	Mentoring by faculty with respect to academic planning	81.33
9	Treatment by Principal, HoD and other staff	84.00
2. Facilities for Academics		
10	Class rooms and tutorial rooms	86.67
11	Multimedia facilities in class (like LCD projectors, videos)	90.67
12	Basic Sciences lab	88.00
13	Engineering lab (and workshop)	92.00
14	Computer, internet and intranet facilities	89.33
15	Libraries with personalized study space	94.67
16	Value added programmes	88.00
17	Specialized centres for projects and research	85.33
18	Computer and CDs for self learning in library	86.67

3. Academic Services		
19	Exam cell	88.00
20	Training cell	81.33
21	Library staff service	84.00
22	Career planning and guidance	80.00
23	College Office for information	84.00
24	Students services through Students Guild	84.00
25	Grievances redressal	76.00
26	Books and stationeries depot & reprographics	89.33
3. General Facilities		
27	Sports & games, Gymnasia	93.33
28	Cafeteria	85.33
29	Clubs for personality development (like Fine Arts)	86.67
30	Medical	72.00
31	Transport	80.00
32	Bank, ATM, Post office and travel bookings	84.00
33	Parking	86.67
34	Locker facilities	81.33
B. Assessment of Accomplishments		
S. No	Criteria	
1	Gaining proficiency in English for effective oral and written communication	3.93
2	Acquiring knowledge of mathematics, physics, chemistry and engineering	4.13
3	Ability to identify and combine the acquired knowledge/skills to solve real world engineering problems	3.47

4	Ability to conduct experiments, analyze the data and draw inferences from the experiments	4.07
5	Ability to use general and domain specific software packages and tools	4.07
6	Ability to extensively use internet facilities for resource utilization and professional development	4.47
7	Acquiring knowledge across interdisciplinary subjects as required	3.93
8	Ability to plan, organizing and conduct events successfully	4.20
9	Ability to constitute teams, nurturing team spirit and function as a team leader and member	4.40
10	Acquiring professional and ethical values (like safe practices, professional ethics, social conduct)	3.93
11	Ability to understand the role as an engineer in addressing social issues and contributing for social development	4.13
12	Ability to acquire adequate knowledge on economics, statistics and environment for developing effective engineering solutions	3.47
13	Helped in developing networks with engineering society by effectively utilizing the professional bodies	3.93
14	Helped in developing the quest for ever expanding knowledge through life-long learning	3.93

Department of MCA
Consolidated Statement of Students Feedback - Academic Year 2013-14
Programme : MCA Year – III, Semester : V, Batch : 2011 – 2014

S. No.	Name of the Faculty	Subject	Teaching effectiveness	Evaluation & Motivation	Commitment And Concern	Total(out of 100)
1	Mrs.U.Sujatha	Cloud Computing	53.29	17.32	17.38	87.99
2	Mrs.L.Vanitha	Data mining and Data warehousing	51.29	16.47	16.86	84.62
3	Mr.A.Somasundaram	High Speed Networks	47.82	15.64	15.65	79.11
4	Ms.S.Thiripurasundari	Mobile Computing	41.99	12.82	12.91	67.72
5	Mr.S.Devaraju	Principles of Management	46.56	15.11	15.05	76.72
6	Mrs.K.Karpagam	Software project management	53.46	17.78	17.92	89.16
7	Mrs.T.Ambeka	XML and Web services	43.91	14.80	14.58	73.29
8	Mr.K.Madusudanan	Open source software Lab	87.28			87.28
9	Mrs.T.Ambeka	XML and Webservices Lab	72.64			72.64

Department of MCA
Consolidated Statement of Students Feedback
Programme : MCA Year ; I Batch : 2013

Sl No	Subject Code with Name	Name of the faculty	Teaching effectiveness (Max Score 60)	Evaluation & Motivation (Max Score 20)	Commitment and Concern (Max Score 20)	Total Score (Max 100)
1	Data Structures and Algorithms	L.Vanitha	55.24	17.76	18.52	91.52
2	Object Oriented Programming	U.Sujatha	53.05	17.14	17.76	87.95
3	Software Engineering	Dr.V.S.Meenakshi	48.81	16.52	17.52	82.86
4	Operations Research	B.Mohanambal	52.52	17.14	17.90	87.57
5	Data Base Management Systems	R.Muthusami	50.19	17.05	17.14	84.38
6	Data Structures and Algorithms Lab	L.Vanitha	93.43			93.43
7	Object Oriented Programming Lab	U.Sujatha	94.20			94.20
8	Data Base Management Systems Lab	R.Muthusami	90.57			90.57

Department of Computer Application

Current year/ Semester :1/2nd Batch :2013

Name of faculty evaluated : L.Vanitha

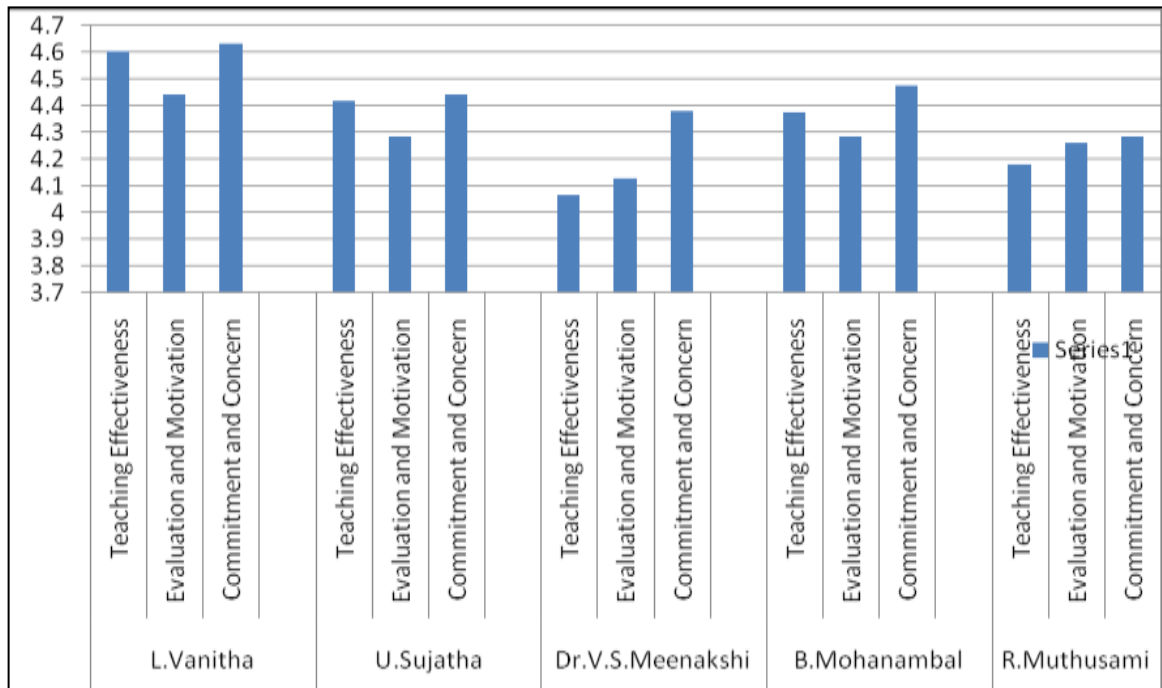
Course :Data Structures and Algorithms

SlNo	Group	Avg score	Group score
Teaching effectiveness (Max Score 60)			55.23
1	Is punctual to the class	4.90	
2	Follows a teaching plan and highlights the objectives of learning	4.71	
3	Is able to teach with good depth and applications	4.76	
4	Has good communicative ability	4.80	
5	Teaches the subject in a clear and logical manner	4.76	
6	Writes and draws clearly and legibly on the black board	4.80	
7	Stresses important points during teaching	4.57	
8	Gives examples, analogy and applications that are relevant to the content	4.61	
9	Uses teaching aids like charts, ppts, videos whenever appropriate.	4.09	
10	Gives additional inputs and references for further learning	4.52	
11	Teaches at an appropriate pace (neither very slow nor very fast)	4.42	
12	Uses case studies, group discussions, solved examples and exercise problems for better understanding	4.23	
Evaluation & Motivation(Max Score 20)			17.76
13	Encourages the students to ask questions and facilitates class room discussion	4.61	
14	Sets questions at the appropriate level of difficulty to answer	4.23	
15	Values answer papers impartially and returns promptly.	4.47	
16	Gives feedback about performance in the answer script and discusses the same in class	4.42	
COMMITMENT AND CONCERN (Max Score 20)			18.52
17	Teaches beyond syllabus for career development	4.47	
18	Is honest, flexible and approachable and maintains class room discipline	4.80	
19	Appreciates good performance of students and offers guidance for improvement	4.71	
20	Helps in the overall development (character and personality) of student	4.52	
Total Score (Max 100)			91.52

Department of Computer Application

Current year/ Semester :I/II Batch :2013

Chart Analysis of Students Feedback



Annexure iii
Career Orientation Programmes 2013-14



Stream-wise Career Orientation programmes were conducted for first year students during January 2014. Mr. Kameswaran, VP- Delivery and services in Servion global Solutions, Mr. Bala, Founder-Director of Ardhika Software Technologies, Mr. Janardhanam Venkat from Collab Net., Mr. Prasad JVS, Group Practice Head, IIMS, in Tech Mahindra, Mr. Sumit Sachdeva, Global Support Head for Caresoft, Mr. Ananda Subramaniam, Project manager, Aspire Systems, Chennai -2002 Batch and Mr. Kamala Kannan, Project manager, CTS – 2002 Batch addressed the IT Stream students.

Karnesa Training

Students talent pool development by forming stream wise student groups and offering talent development training by Karnesa Consulting Engineers - experts from leading industries.



Annexure iv

Academic Calendar IQAC Activities for the year 2013-14

#	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	IQAC Council Meeting 1			IQAC Council Meeting 2				IQAC Council Meeting 3			IQAC Council Meeting 4	
2									Restructure Curriculum and Syllabus for Mechanical and Automobile Engineering Programmes based on Outcome Based Education			
3										Three-week workshop on Pedagogy		
4				External Academic Audit								
5							Career orientation for the First year students.					
6												

Annexure v

Dr. Mahalingam College of Engineering and Technology

National Service Scheme (NSS)

Important Activities Conducted for the Period from July 2013 – June 2014

1. Unit(s) No. : I & II

2. Name of the NSS Programme Officer(s):

S. No.	Name of the Programme Officer	Gender	Designation	Trained or not
1	Manivannan J	Male	AP in Chemistry	Trained
2	Sriramachandran G V	Male	AP(SS) in Maths	Trained

3. Name of the adopted village : Negamam

4. Whether the 7-days Special Camping Programme for the year 2013-14 is conducted or not? : Conducted from 30.01.2014 to 05.02.2014

If conducted, No. of volunteers participated : 100

5. Programme(s) organized during the period :

(a) Target for the year (in hours) @ 120 hrs per volunteer: 12000 hours

(b) Details of the programme(s) conducted in this period :

S. No.	Event	Date	Venue	No. of Volunteers	Hours Spent	Total hours
1	Group Discussion on Face book merits and demerits	13.07.2013	College Campus	100	1	100
2	Presentation on National Leaders	19.07.2013	College Campus	100	1	100
3	Quiz on fire safety	22.07.2013	College Campus	100	1	100
4	Assistance to 1 st year inauguration	25.07.2013	College Campus	100	5	500
5	Assistance to Graduation celebrations	04.08.2013	College Campus	200	5	1000
6	Orientation by senior volunteers	06.08.2013	College Campus	200	1	200
7	Workshop on fire extinguisher to NSS Volunteers	07.08.2013	College Campus	200	4	800
8	Orientation by senior volunteers	13.08.2013	College Campus	200	1	200
9	Independence day celebrations	15.08.2013	College Campus	200	2	400
10	Group discussion on foreign direct investment	16.08.2013	College Campus	200	1	200
11	Blood Donation camp	15.08.2013	College Campus	200	6	1200
12	Observance of Sadhbavana Diwas	29.08.2013	College Campus	200	1	200
13	Debate on Indian political system	30.08.2013	College Campus	200	1	200
14	Certificate distribution to Senior volunteers	02.09.2013	College Campus	200	1	200

15	Free Medical camp	14.09.2013	Vadakkipalayam village	10	8	80
16	Presentation on Indian Army	19.09.2013	College Campus	200	1	200
17	Visit to Udhavum karangal, Coimbatore	21.09.2013	Coimbatore	200	4	800
18	Quiz on sports	03.10.2013	College Campus	200	1	200
19	Group discussion on scope for Engineers in India	11.10.2013	College Campus	100	1	100
20	Awareness on Wearing Helmet to I year students	18.10.2013	College Campus	100	1	100
21	Visit to Orphanage	21.10.2013	Udhavum Karangal, Malumichampatty, Coimbatore	100	8	800
22	Presentation on Aung-Sung-Suki (Myanmar Leader)	23.10.2013	College Campus	190	1	190
23	Rally on Swami Vivekananda Birth Centenary	23.10.2013	Pollachi	50	3	150
24	Motivational programme to Government school children	25.10.2013	Somanthurai-Chittur village	20	4	80
25	Motivational programme to Government school children	29.10.2013	Kanjampatti village	20	4	80
26	Group Discussion on GK	30.10.2013	College Campus	200	1	200
27	Assistance to Dhinamalar Jaithukattuvom Programme	16.11.2013 & 17.11.2013	College Campus	30	12	360
28	Diabetic screening Camp	16.11.2013	Makkinaikenpatti Village	50	5	250
29	Visit to Roundana, Pollachi	16.11.2013	Pollachi	50	5	250
30	Blood Donation Camp	07.01.2014	College Campus	200	5	1000
31	Assistance to Founder's Day	07.02.2014	College Campus	50	4	200
32	Blood Donation Camp	14.02.2014	Codissia, Coimbatore	150	8	1200
33	Oration Competition on TN Vision 2023	16.02.2014	Sri Krishna College of Eng & Tech, Cbe	40	8	320
34	NSS Special Workshop on Leadership Training & Soft skills	24.02.2014-25.02.2014	PA College of Eng & Tech, Pollachi	4	20	80
35	Assistance to Sports Day	01.03.2014	College Campus	50	4	200

Total No. of hours spent up to this period : 12340hrs

Percentage of target : 103%

No. of Blood Donation Camps conducted : Three

(a) No. of Donors : 450

(b) No. of Units of Blood donated : 450



NSS students visited Orphanage at Udhavum Karangal, Malumichampatty, Coimbatore on 21.10.2013.

NSS students participated in a Rally conducted in view of “Swami Vivekananda’s Centenary Birth Celebrations” at Pollachi on 23.10.2013.

NSS Special Camp was conducted at Kondae koundam palayam from 30.1.14 to 05.02.14



Annexure vi **Students' Services (Students Club Activities)**

Inauguration of New Office Bearers for the Academic year 2013-14



New SGS (Students Guild of Services) team for the Academic Year 2013-2014 was inducted on 15th July 2013.

Science Club



Guest Lecture on “Nature Conservation” by Mr. K. Kalidasan, OSAI was organized by the Science Club and Department of Science and Humanities on 28.03.2014.

Citizen Consumer Club (CCC)



Bureau of Indian Standards (BIS), Coimbatore, Tamilnadu Consumers' Council of Coimbatore District and Citizen Consumer Club (CCC), MCET jointly organized Consumer Awareness Programme on 30th September 2013. Ms. S. Indirani, President, Pollachi Consumer Association, Mr. N. Prateep Kumar, Director of Federation of Consumer Organisation, Mr. M. Sadasivam, Scientist & Head, BIS, Coimbatore and Mr. Kathirvel, Scientist 'F' –BIS, Coimbatore addressed and clarified students doubts.

Muthamil Mandram 18.11.2013



NIA School level competitions in Essay writing, Elocution, Drama and drawing were conducted by Muthamil Mandram, MCET on 18.11.2013 for the Arutchelvar award. Mr. M.Muthamizhan, PG Asst.(Tamil), Good Sheppard Higher Secondary School, Coimbatore was the Chief Guest. Tmt. Rukmaniammal Higher Secondary School won the award for the year 2013-14

YRC & Red Ribbon Club (RRC)

Youth Red Cross (YRC) and Red Ribbon Club (RRC) were inaugurated by Mrs. Rashmi Siddharth Zagade. IAS. Sub-Collector, Pollachi on 31st August 2013. The chief guest invited the students to join hands with her for more innovative and social concerned ideas. D-Splash a database for Saving People's Life and Spreading Happiness was launched by the chief guest during the inauguration programme. This is a database in which the blood groups of college students are to be stored and it helps to link the hospital and the donar directly.

Entrepreneurship Development Cell (EDC)



Workshop on "Opportunities in Agri Entrepreneurship" by Mr. Venkat, Founder & Director, E-Farm, Chennai was conducted by EDC-MCET on 12th November 2013.



Guest Lecture on "Entrepreneurship for Young Engineers" by Mr.Gowtham Kuppusamy, Managing Director, Sri Kumaran Coir Industries, Pollachi was organised by EDC-MCET on 19th November 2013.

Readers Club

Reader SPark – Puthia thalaimurai outreach :MCET ReaderSPark and Puthiya Thalaimurai Youth Skill Development group jointly organized an ‘Outreach Programme’ at Udumalpet Girls High School on 19.10.2013. A group of 30 students (ReaderSPark members) participated in the programme and trained 320 of 9th standard students from the above school on basics of English, Mathematics and Computer Science for 3 hours period each.



Reading Carnival Celebrities Meet : The Reading Carnival selected students and Volunteers (45 Nos) along with five library staff members

visited Chennai on 30.3.14.

Mr. K. Balasubramaniam, Alumni,

NPTC gave a talk about “Achieving Excellence through Japanese Technique ‘5S’”. Kavinger Nellai Jeyantha, Kavinger Palani Bharathi and Kavinger Arivumathi insisted on the significance and impact of reading habit. Dr.A Chitra Dhavaputhavi, Librarian, MCET organised the above programme.



World Book Day – 2014: World Book Day was celebrated at MCET campus on April 23, 2014.

Uddeshah 2014



“UDDESHAH 2014” – a national level techno hunt was conducted on 20th, 21st and 22nd February 2014. More than 200 students from various colleges in Tamil Nadu and outside the state participated. Mr. K. Purushothaman, Senior Director, NASSCOM was the Chief Guest and Mr.

M. Selvakumar, CEO was the Guest of Honour. Various technical events including paper presentation on various topics were conducted.

KLEOS 2014



A National Level Cultural fest called “KLEOS 2014” was conducted for the students on 22nd February 2014. Mr. Srinivas, Singer acted as the judge and distributed the prizes to the winners participated from various colleges in and around Tamil Nadu.

Teachers Day 2013



Teachers day function was organized by the Students Guild of Service on 5th September 2013. Various competitions were conducted for the staff members and prizes were distributed to the winners and participants.

VAHAN Go KART - 2013



SAEMCET and SCUDERIA AVES - Association of the Department of Automobile Engineering organised an intra college competition namely “VAHAN 2013” -A Go-Kart Racing Event on 15th August 2013. Arutchelvar inaugurated the event. The team “E-MAAC” under the head of S. Sathish, EEE final year won first prize with a cash award of Rs.10,000. The team – “INVADERS” headed by Hari Prasad.S, EEE final year won a cash award of Rs.7500 and the team “Maroot Racers” won third prize of Rs.5000 in the racing event.

Annexure vii

Welfare Schemes for Teaching Faculty:

- Permission for higher studies on seniority and merit basis.
- Encouraged to attend/publish technical papers in the international/national conferences.
- Faculty Deputation – Training provided abroad / industry
- FDP Programme sponsorship provided
- Career Advancement Scheme adhering to the norms of AICTE and UGC
- Casual Leave, Medical Leave, Maternity Leave, Vacation, Compensatory leave as per norms.
- On-duty Leave (OD) for attending Conference/Seminar/Workshop /STTP), for part-time Ph.D., programme,
- Facility to borrow money up to Rs. 10,000/- from Staff Family Benefit Fund (SFBF).
- Rs. 25,000/- to the family on accidental demise of the staff.
- Rs.5000/- to meet out immediate expense on demise of a family member of the staff.
- Group insurance and accident safety insurance
- Superannuation benefits of EPF, Family Pension Scheme
- Staff Quarters on availability basis
- Bank Loan facilities
- Travel Desk - Train, flight and bus tickets can be booked.
- Housing Society - Lands for building houses will be provided on availability basis

Annexure viii

Welfare Schemes for Non-Teaching and Supporting staff:

- Permitted to do B.E., (Part Time) with full salary and 50% of the tuition fees.
- FDP Programme sponsorship provided
- Facility to borrow money up to Rs. 10,000/- from Staff Family Benefit Fund (SFBF).
- Rs. 25,000/- to the family on accidental demise of the staff.
- Rs.5000/- to meet out immediate expense on demise of a family member of the staff.
- Group insurance and accident safety insurance
- Casual Leave, Medical Leave, Maternity Leave, Vacation, Compensatory leave as per norms.

Annexure ix

Welfare Schemes for Students:

- Group Insurance
- Scholarships
- Travel Desk - Train, flight and bus tickets can be booked.
- Book Depot – Stationery and general commodities are sold at cheaper rate.

Annexure x
Alumni Activities 2013-14

MCET Alumni Activities

- MCET's Bangalore Alumni Chapter was inaugurated and the 9th Alumni Day was also celebrated on Sunday, the 17th July 2013 at Manipal County, Bangalore. Dr. M. Manickam, Chairman, NIA Educational Institutions presided over the function. Shri. R.S. Raj Kumar, Vice President, Regional Sales and Marketing, M/s. Bosch Rexroth India (P) Ltd. was the Chief Guest. Prof. C. Ramaswamy, Secretary, NIA Institutions felicitated the gathering. The Office bearers of Bangalore Alumni Chapter were inducted during the inauguration programme.



- Alumni Interaction on “What was missed and What actions led him to this level” was organized for IT Stream students on 1.2.14. Mr.P.Kaviyarasu, Alumnus-MCET & Technical Team Leader, IBM India Pvt. Ltd., Chennai, Mr. R. Dinesh Kumar, Senior Systems Engineer, Delivery [Project Management, Infosys Limited, Mysore and Mr. Hari Prasath, Software Developer, Virtuza interacted with their juniors.
- An Alumni Meet (Batch 2008-12) was conducted by the Department of Automobile Engineering on 23.3.14.

