

Dr. Mahalingam College of Engineering and Technology, Pollachi 642 003

Internal Quality Assurance Cell

MCET/IQAC/Meeting/2015-16/01

Date: 15.07.2015

CIRCULAR

Sub: IQAC Meeting – Intimation to the Members of IQAC

An Internal Quality Assurance Cell (IQAC) meeting is arranged on 20th July 2015 at Secretary's Conference Hall. All the members of the IQAC are requested to attend the meeting at 10:00 am. The points to be discussed in the meeting are as follows:

AGENDA:

1. Action taken of the previous meeting minutes
2. International conference on Renewable Energy and Sustainable Environment 2015
3. Signing of Memoranda of Understanding (MoU) with eight leading companies
4. Memorandum of Agreement (MoA) with Educational institutions
5. Collaborative education programme with TVS Motor Company Ltd.
6. MoU with SAP SE - Walldorf, Deutschland
7. Quality teaching learning methods with the use of ICT
8. Cultivating quality yardsticks to enhance communication skills among students.
9. Pedagogy Workshop
10. Industry driven curriculum in teaching learning process
11. International workshop on Computational Fluid Dynamics
12. Workshop on "Electrical Energy Audit & Conservation Practices"
13. Stream-wise Career Orientation programme for the students.
14. Orientation for Faculty on Quality Teaching
15. Any other matters



Coordinator – IQAC



PRINCIPAL

To: The Members concerned through E-mail
Copy to: IQAC, MCET Office
Copy Submitted to: The Directors, The Secretary

**Dr. Mahalingam College of Engineering and Technology,
Pollachi 642 003**

INTERNAL QUALITY ASSURANCE CELL

Minutes of IQAC meeting held on 20th July 2015 at Secretary's Conference

Hall at 10:00 am

Members Present:

Prof. C. Ramaswamy	- Secretary, MCET
Dr. S. Vijayarangan	- Director (Academic)
Dr.RangaPalaniswamy	- Director (SA)
Dr. M .Ramakrishnan	- Principal
Dr. A. Rathinavelu	- Coordinator-IQAC & Vice Principal, MCET
Mr.KovaiChelvan	- Sr. Vice President (HR), TVS Motors, Harita, Hosur
Mr. P. Prabakaran	- Consultant, Quality Audit & Performance, Coimbatore
Dr.A.Senthil Kumar	- HOD/EEE
Dr.S.Ramakrishnan	- HoD/IT
Mr.G.V.Sriramachandran	- AP(SG), Science and Humanities
Dr.A. Senthil Kumar	- AP(SS), Humanities, IQAC
Mr. Kishore Kesav	- B.E. Mech. Final year
Ms.D.Akshya	- B.Tech IT Final year
Mr. Sreehari Parameswaran	- Alumni B.E. CSE (1998-2002)
Mr. R. Saravanan	- F/o S. Yoghasree(14BEE055)

The following points were discussed:

S. No	Points Discussed	Action Plan	Target Date	Responsibility
1	Action taken of the previous meeting minutes	Coordinator-IQAC explained the action taken report of the previous IQAC meeting held on 28 th March 2015.	-	-
2	International conference on Renewable Energy and Sustainable Environment 2015	International conference on Renewable Energy and Sustainable Environment 2015 is scheduled to be conducted on 10 th august at MCET in collaboration with Cape Breton University(CBU), Canada. NITTTR, Chennai, Karunya University and	10-13, August 2015	EEE & Civil dept

		Periyar Maniammai University will be the Academic Partners and SEED will be the Knowledge Partner. The Hindu has accepted to be the media partner. Papers received, session schedule, refreshments were discussed in the meeting.		
3	Signing of Memoranda of Understanding (MoU) with eight leading companies	Research activities through Memoranda of Understanding (MoU) with eight leading companies viz. M/s Voltech Engineers (Pvt) Ltd, M/s Wind Stream Technologies India, Pvt Ltd, M/s Energy Alternatives India (EAI), M/s Butterfly Group of Companies, M/s India Pistons Ltd, M/s Core EL Technologies (I) Pvt Ltd, M/s SWELECT Energy Systems Ltd, M/s Institute for Solid Waste Research & Ecological Balance were discussed in order to work jointly on future technology in the areas of energy and environment.	11 th August 2015	EEE & Civil dept
4	Memorandum of Agreement (MoA) with Educational institutions	Memorandum of Agreement with Karunya University and Periyar Maniammai Institute of Science and Technology were finalised to take up joint research in the field of energy and environment, leveraging on the research capabilities of both partners and MCET	11 th August 2015	EEE & Civil dept
5	Collaborative education programme with TVS Motor Company Ltd.	Signing of MoU between TVS Motor Company Ltd. Chennai and MCET for Collaborative Education Program was discussed.	06.08.15	Mech. Dept.

6	MoU with SAP SE - Walldorf, Deutschland	MoU with SAP SE - Walldorf, Deutschland by the department of IT, MCET was discussed. This MoU will be for one year. The Purpose of the MoU is to get membership in University Alliances Program Associate.	28.09.15	IT Dept.
7	To adopt quality teaching learning methods with the use of ICT	<p>Online resources like Massive Open Online Course (MOOC) and Spoken Tutorial will be enhanced for learning experience of students. Selected modules of NPTEL lectures should be made available in DSPACE, the college intranet portal for immediate reference.</p> <p>Since the college is the nodal centre for the IIT Bombay and IIT Kharagpur online STTPs, the faculty members and students should avail the teaching learning advancements through these centres and should conduct STTPs for the benefit of the faculty members of external colleges and also internal faculty members.</p>	Routine activities	Nodal Officer, MCET for IITB Remote Centres
		IIT Bombay sponsored Massive Open Online Course (MOOC) on Thermodynamics scheduled during July-December was discussed.	July-Dec. 2015.	Mech. Dept.
		ISTE training programme on “Technical Communication for STEM faculty (Online Mode)” which is scheduled during October was discussed.	Oct ‘15	IITB remote centre

8	Pedagogy Workshop	A workshop on “Outcome Based Education (OBE)” through IIT Bombay remote Centre, MCET was discussed.	Sep.2015	NodelOfficer, MCET for IITB Remote Centres
		Professional Skills-III course “Personal effectiveness” will be conducted.	Sep.15	PS Division
9	Industry driven curriculum in teaching learning process	Curriculum and Syllabus in Civil, IT and circuit streams in consultation with industry specialists and educational experts are to be designed based on OBE methodology. Senior faculty members should be instructed to visit various companies. The necessary steps to be taken for passing it through BoS, Academic Council etc.	Before end of this semester	Civil, IT
10	International workshop on Computational Fluid Dynamics	International workshop on “Computational Fluid Dynamics” by Dr.KiranBhaganagar, Associate Professor, Dept. of Mechanical Engg., University of Texas, USA will be conducted. The internal and external participants are to be finalized.	10.08.15	Mech Dept.
11	Workshop on “Electrical Energy Audit & Conservation Practices”	A two day workshop on “Electrical Energy Audit & Conservation Practices” will be organized by the department of EEE. The persons from industry, academia will be invited.	Last week of Aug ‘15	EEE
12	To conduct stream-wise Career Orientation programme for the students.	A one day “Masons Training Program” by UltraTech Cements Ltd. will be conducted jointly with Pollachi Civil Engineers Association.	21.07.15	Civil

To conduct stream-wise Career Orientation programme for the students.	An awareness programme on “Oracle Primavera” by Mr. Thomas Soloman, Director for delivery (Asia specific countries), Oracle Corporation will be conducted for IT & Core Stream students.	24.07.15	IT dept.
	One day Workshop on “Wavelets and Multire solution analysis Using Matlab” is scheduled on 31.07.2015 was discussed.	31.07.15	ECE
	A workshop on “Web Page design using PHP” will be conducted. Mr. Sakthivel from Chennai will be the resources person.	25.07.15	IT
	MTLC training program on “Embedded and Linux” was planned to conduct for two weeks.	Last week of August	ICE
	“Fundamentals of Databases” through Webinar was discussed.	Third week of August	CSE
	Training Programme on “Microsoft Business Intelligence” by Mr.D.Paranthaman, ProPhoenix Technologies, Chennai will be organized for IT stream students.	20.08.15	IT
	“Cross Platform Mobile Application Development” seminar will be conducted for faculty and students.	Last week of August	MCA
	Career guidance program for III Year and II Year IT students will be organized.	First week of Nov	IT Stream

	To conduct stream-wise Career Orientation programme for the students.	Ms.Kavitha Raman (HR) L&T Infotech has accepted to address our IT Stream students on 07.08.15.	7.8.15	IT Stream
		STTP on “PLC and HMI” was planned to conduct for Circuit stream students.	Fourth week of Sep ‘15	EIE and ICE
		Placement Preparation related workshop to be conducted for pre-final year student.	Sep ‘15	CPG
		Value added course on “Embedded Linux” will be organized for Circuit stream students.	Oct ‘15	Circuit Stream
		A seminar on “Research Challenges in Wireless Networks and Hands on training using Qualnet & OPNET” is scheduled during August. Members requested to invite external participants.	Last week of Aug 15	CircuitStream
13	Orientation for Faculty on Quality Teaching	33 faculty members are newly joined. “Faculty orientation program for newly joined Faculty members” of MCET will be organized.	Last two weeks of Aug ‘15	FDC
14	To cultivate quality yardsticks to enhance communication skills among students.	Ms.S.Rupavathi, Trainer will train the final year students to improve their Communication Skills.	15.07.15 to 31.07.15	CPG



Coordinator – IQAC



PRINCIPAL

To: The Members concerned through E-mail
Copy to: IQAC, MCET Office
Copy Submitted to: The Directors, The Secretary

**Dr. Mahalingam College of Engineering and Technology,
1Pollachi 642 003**

INTERNAL QUALITY ASSURANCE CELL

Minutes of IQAC meeting held on 20th July 2015 at Secretary's Conference Hall at 10:00 am

ACTION TAKEN REPORT

S.No	Action Plan	Action Taken
1	International conference on Renewable Energy and Sustainable Environment 2015	International conference on Renewable Energy and Sustainable Environment 2015 was organized at MCET in collaboration with Cape Breton University(CBU), Canada between the 10th and 13 August 2015, which was supported by the Department of Science and Technology and IEEE. NITTTR, Chennai, Karunya University and Periyar Maniammai University were the Academic Partners and Society for Educational and Entrepreneurship development (SEED) was the Knowledge Partner, and The Hindu was the media partner.
2	Signing of Memoranda of Understanding (MoU) with eight leading companies	Research activities was jointly taken with the Memoranda of Understanding (MoU) signed eight leading companies viz. M/s Voltech Engineers (Pvt) Ltd, M/s Wind Stream Technologies India, Pvt Ltd, M/s Energy Alternatives India (EAI), M/s Butterfly Group of Companies, M/s India Pistons Ltd, M/s Core EL Technologies (I) Pvt Ltd, M/s SWELECT Energy Systems Ltd, M/s Institute for Solid Waste Research & Ecological Balance (INSWAREB) on 11.08.2015 to work jointly on future technology in the areas of energy and environment.

3	Memorandum of Agreement (MoA) with Educational institutions	Memorandum of Agreement (MoA) was signed with Karunya University and PeriyarManiammai Institute of Science and Technology on 11.08.2015 to take up joint research in the field of energy and environment, leveraging on the research capabilities of both partners and MCET
4	Collaborative education programme with TVS Motor Company Ltd.	MoU was signed between TVS Motor Company Ltd. Chennai and MCET for Collaborative Education Program on 06.08.2015.
5	MoU with SAP SE - Walldorf, Deutschland	MoU was signed with SAP SE - Walldorf, Deutschland on 28.09.2015 for one year by the department of IT, MCET. The Purpose of the MoU is to get membership in University Alliances Program Associate.
6	To adopt quality teaching learning methods with the use of ICT	<p>Online resources like Massive Open Online Course (MOOC) and Spoken Tutorial have been put to use for enhancing the learning experience of students. Selected modules of NPTEL lectures are made available in DSPACE, the college intranet portal carrying learning resources for immediate reference. The college is the nodal centre for the IIT Bombay and IIT Kharagpur online STTPs. The college is conducting the STTPs for the benefit of the faculty members of external colleges and also internal faculty members.</p> <p>IIT Bombay sponsored Massive Open Online Course (MOOC) on Thermodynamics was organized by the department of Mech. Engineering at IIT Remote Centre, MCET during July-Dec.2015. 25 second year Mechanical and Automobile students benefitted.</p>

	To adopt quality teaching learning methods with the use of ICT	Five week ISTE STTP on “Technical Communication for STEM faculty (Online Mode)” was conducted by Civil Engineering department at IITB Remote Center, MCET from 08.10.2015 to 18.11.2015. 15 faculty members benefitted.
7	Pedagogy Workshop	<p>A workshop on “Outcome Based Education (OBE)” was organised at IIT Bombay remote Centre, MCET on 19.09.2015. 140 faculty members benefitted.</p> <p>Professional Skills-III course “Personal effectiveness” was organised at MCET from 08.09.2015 to 11.09.2015. 140 faculty members attended the course.</p>
8	Industry driven curriculum in teaching learning process	Curriculum and syllabi of Civil, IT and circuit streams are designed in consultation with industry specialists and educational experts. With this the curriculum and syllabi of all programmes have been framed based on OBE methodology. Several companies were contacted for inputs on redesign of curriculum. The same were discussed in the BoS meetings and Academic council meeting and the process of curriculum redesign on OBE methodology explained. The suggestions from the BoS members were well taken and incorporated.
9	International workshop on Computational Fluid Dynamics	International workshop on “Computational Fluid Dynamics” by Dr.Kiran Bhaganagar, Associate Professor, Dept. of Mechanical Engg., University of Texas, USA was organised by the department of Mechanical Engg. on 10.08.2015. 50 external participants benefitted.

10	Workshop on “Electrical Energy Audit & Conservation Practices”	<p>A two day workshop on “Electrical Energy Audit & Conservation Practices” and “Energy Audit Methods & Tools, ISO 50001 Energy management standard requirements” was organised by the department of EEE from 27.08.2015 to 28.08.2015. Er. S. Ashok, Er.S.Ramprakash, AEE, General, TANGEDCO Ltd., Coimbatore; Er.V.Somasundaram, Manager, ZF Windpower, Coimbatore; Er.Prasanna, Project manager, Aakash Power Engineering, Coimbatore, Er.Rameshkumar, Certified Energy Manager Proprietor, ReliableSolutions were the resource persons. 20 externals from industry and academia and 15 internal participants benefitted.</p>
11	To conduct stream-wise Career Orientation programme for the students.	<p>A one day “Masons Training Program” by UltraTech Cements Ltd. and Pollachi Civil Engineers Association was organized by the department of Civil engineering on 21.07.2015. 140 students benefitted.</p> <p>An awareness programme on “Oracle Primavera” by Mr. Thomas Soloman, Director for delivery (Asia specific countries), Oracle Corporation was organized by the department of CSE on 24.07.2015. 150 Students from IT & Core Stream benefitted.</p> <p>One day Workshop on “Wavelets and Multire solution analysis Using Matlab” was organized by the department of ECE on 31.07.2015. Eight External participants and 27 internal participants benefitted.</p>

	<p>To conduct stream-wise Career Orientation programme for the students.</p>	<p>A workshop on “Web Page design using PHP” by Mr. A. Sakthivel, Associate, CTS, Chennai was conducted by the department of IT, MCET on 25th July, 2015. 50 IT stream students benefitted.</p>
		<p>MTLC training program on “Embedded and Linux” was organised by the department of ICE from 17.08.2015 to 31.08.2015. 53 students benefitted.</p>
		<p>Webinar on “Fundamentals of Databases” was organised by the department of CSE on 19.08.2015. Six faculty members and 20 students benefitted.</p>
		<p>Training Programme on “Microsoft Business Intelligence” by Mr.D.Paranthaman, ProPhoenix Technologies, Chennai was organised by the Department of IT on 20.08.2015. 40 students and faculty members benefitted.</p>
		<p>A seminar on “Cross Platform Mobile Application Development” was organized by Computer Applications department on 29.08.2015. 32 external and 16 internal students and faculty members benefitted.</p>
		<p>Career guidance program for III Year and II Year IT students by Mr.Vasanth, CEO, Innovate Technologies, Karur was organised by the department of IT on 03.09 2015. 150 students benefitted.</p>

	To conduct stream-wise Career Orientation programme for the students.	Ms.Kavitha Raman (HR) L&T Infotech visited our campus on 07.08.15 and interacted with 600 final year students of IT & Circuit steams.
		STTP on “PLC and HMI” was jointly conducted by the department of EIE and Mechanical Engineering during 21-23, September 2015. 12 students benefitted.
		Technical Talk on “Placement Preparation for pre-final year students” was conducted by the department of CSE on 26.09 2015. 120 students benefitted.
		Value added course on “Embedded Linux” was organised by the department ICE from 30.09.2015 to 02.10.2015. 48 students benefitted.
		A seminar on “Research Challenges in Wireless Networks and Hands on training using Qualnet & OPNET” was organized by the department of ECE during 21-22, August 2015. Four internal and 26 external participants benefitted.
12	Orientation for Faculty on Quality Teaching	“Faculty orientation program for newly joined Faculty members” of MCET was organized by Faculty Development Centre from 17.08.2015 to 28.08.2015. 33 faculty members benefitted
13	To cultivate quality yardsticks to enhance communication skills among students.	Ms.S.Rupavathi, Trainer trained 80 final year students in “Communication Skills” from 15.07.2015 to 31.07.2015.



Coordinator – IQAC

To: The Members concerned through E-mail

Copy to: IQAC, MCET Office

Copy Submitted to: The Directors, The Secretary



PRINCIPAL