



MAHENDRA COLLEGE OF ENGINEERING

Salem-Campus, Attur Main Road, Mintampalli, Salem -636 106.



MINUTES OF THIRTEENTH MEETING OF THE INTERNAL QUALITY ASSURANCE CELL

Time: 10.00 am

Date: 14/03/2019

Venue: Board Room

Members Present:

S. No.	Name of the Member	Designation	Category
1	Dr. N.Malmurugan	Principal	Chairperson
2	Dr.C.T.Sivakumar	Executive Officer	Management Representative
3	Dr.N.Mohanasundararaju	Dean- Academics	IQAC Coordinator
4	Dr.S. Rajalaxmi	HoD- Bio-Medical	IQAC Assistant Coordinator
5	Dr.S.Balamurugan	HoD- Mechanical	Member
6	Dr.M.Suganthi	HoD-ECE	Member
7	Dr.H.Lilly Beaulah	HoD - CSE	Member
8	Prof. K.Prasad Babu	HoD- Civil	Member
9	Dr.S.M.Kamali	HoD -EEE	Member
10	Dr. R.Nandhakumar	HoD- Mechatronics	Member
11	Dr.T.Akila	HoD-IT	Member
12	Dr.N.Thirumoorthy	HoD-MCA	Member
13	Mr.S.Senthil Kumar	Administrative Officer	Administrative Staff
15	Er.Sivasubramanian	Velavar Constructions	Member from Industry
16	Mr.J.Jameel Khan	Marketing Executive, Dept. of Posts, India	Member from Alumni

Dr.N.Mohanasundararaju, new IQAC Coordinator formally welcomed the members of the Internal Quality Assurance Cell for the meeting.

1. Introduction of new members and change in the composition of IQAC

New members namely Dr.S.Rajalaxmi, Assistant IQAC Coordinator and HoD/BME and Dr.T.Akila, HoD/IT, Dr.N.Thirumoorthy HOD/MCA, Mr.S.Senthil Kumar, Administrative officer, Mrs.J.Jameel Khan Marketing Executive, Dept. of Posts. India as Alumni Member are included in the IQAC team.

2. Review of Progress made for the events mentioned in the earlier agenda

The points discussed in the previous meeting have been reviewed

- The Outcome of the NAAC Peer Committee visit 2018 and its Follow up

Resolved to note the following:

NAAC has given accreditation to MCE for five years with effect from 19.01.2016. As per the decision of the Governing Council's sixth meeting, Re-assessment process was initiated and the SSR submitted on 9th August 2018. Subsequently, NAAC Peer Team visited the Institution and submitted their report. On 08.02.2019, MCE is accredited with B++ Grade with a score of 2.99.

An appeal was submitted to NAAC for the revision of Grade on 08.03.2019 and the results are awaited.

At the outset, the IQAC Coordinator congratulated the faculty members for their strenuous efforts that they have put for the successful completion of NAAC Peer team visit on 28.12.2018 & 29.12.2018.

- Performance of the Even semester of academic year 2018-19 has been discussed and members are agreed to take further steps to improve the academic results.
- Academic council is formulated on 18.03.2019 and is responsible for evaluation of the academic performance of students. One of its goals is to ensure that students continue to make normal academic progress toward graduation. The council members works closely with students, academic advisers and Academic Support Services in assisting students with the needed skills for academic success.

3. Report for the Academic and other important activities and Events in the college since last Meeting

Sl.No.	Date	Activities/Events Details	Chief Guest/Resource Person	Department organized
1	30.01.2019 to 31.01.2019	Two Days Induction Programme on "Introduction to CAAD"	Mr.Navaneethan, Project Head, CADD Centre, Salem.	Mechanical Engineering
2	11.02.2019 to 13.02.2019	"Three days Entrepreneurship Awareness Camp"	Mr.C.Manivannan, Managing Director & CEO, Fibro Foods Private Limited, Salem.	Mechanical Engineering
3	18.03.2019	Awareness on "Career in Surveying"	Er.S.Rajkumar, CEO, The Salem Land Survey Institute, Salem.	Civil Engineering
4	28.02.2019	BMESI Sponsored One day workshop on "Significance & Science of Neurotherapy for Health Awareness and Memory Power Enhancement"	Mr. M.Chandiran M.Sc.,(Yoga), Sri Dhanvanthri Narambu Vazhi Sigichai Aaraichi Maiyam & Special Child Care Centre, Salem	BioMedical Engineering
5	1.11.2019	Domestic IT help desk"	Mr.Rex, Asst. Professor,MCE,Salem	Computer Science and Engineering

6	1.11.2019	Junior Software Developer	Mr.Rex, Asst. Professor,MCE,Salem	Computer Science and Engineering
7	09.01.2019	Episode .01 Leadership Talk series	Shri.Anand .MD,Mahindra gruop	Mahendra Institute Innovation cell
8	24.01.2019	Episode .02 Leadership Talk series	Dr. Anand Deshpande Executive Committee of MCCIA.	Mahendra Institute Innovation cell
9	20.01,2019	Offline workshop on IPR	Mr.Manivannan DIC,SALEM	Mahendra Institute Innovation cell
10	19.03.2019	Episode 03 Leader ship Talk series-Art of Decision making	Shri Ajit Doval, NSA, Govt. of India	Mahendra Institute Innovation cell
11	11 to 15 th -02- 2019	Hand on Course on RHCS	R.A.Keerrhishwaran , RedHat Certified Technical Trainer, Contact: 9840982184, sidharthhare@gmail.com	CSE
12	18.03.2019	Advanced Surveying	Er.S.Rajkumar, CEO, The Salem Land Survey Institute, Salem.	CIVIL
13	07.01.2019	Electromagnetic Fields	Dr.I.Thangaraju, Associate Professor/EEE, Government College of Engineering, Bargur	ECE
14	13.02.2019	Circuit Analysis	Dr.M.Vijayakumar, Associate Professor/ECE, Mahendra Engineering College, Mallasamudram	
15	07.01.2019	Smart Grid	Er.Satheesh.S, Deputy Manager, Steel Authority of India Limited, Salem.	EEE

16	13.03.2019	Information Technology Essentials	Dr. Neelamadheswari, ASP/CSE, Mahendra Engineering College, Namakkal	IT
17	15.02.2019	Hands-on-Training on Commercial vehicle familiarization and road safety	Mr. Ravikumar, NTC Institute of Driver Training & Research, Namakkal.	MECHATRONICS
College Level Events				
7	10.11.2018.	Academic Administrative Audit	Dr. Manjappa Dr. Satish Kumar Bhatia	
8	21.12.2018.	Academic Administrative Audit	Dr. S S Patagundi, Professor in Political Science, Karnataka University, Dharwad	
9	28.12.2018 & 29.12.2019	NAAC Peer Team Visit	Dr. Atal Chaudri, Vice Chancellor Veer Surendra Sai University of Technology, Burla, Sambalpur -768018, Orissa.	
			Dr. Savitha Nema, Professor B-07, Surendra State, Chuna Bhatti Bhopal - 462016, Madhya Pradesh	
			Dr. Kasi Viswanath Dorthi, Professor Plot 105, IX phase KPHB colony, kukatpally, Medchal, Hyderabad- 500085, Telangana	
10	10.01.2019	Debate Programme	Kodai 100.5 FM	
11	02.02.2019.	Ninth Graduation Day	Prof. Hans-Joachim Schrodt, Senior Experten Service,	

			Germany.	
12	02.02.2019	Alumni Day	Dr.N.Malmurgan, Principal	
13	23.02.2019	Cultural Day	Mr.Mayilsamy, Actor.	
14	10.03.2019	Girl's Hostel Day		
MIRACE Classes				
1	21.01.2019 to 12.03.2019	UPSC coaching classes- 40 students	Mr.A.Anburaj Mr.G.Arun Mr.R.Chandru	Mtrace

4. Initiative taken by the IQAC

- The IQC for the each criterion as per NAAC has been formulated to facilitate the better Planning and implementation in quality related academic matters.
- The Chairperson of the each IQC is requested to convene a meeting in the third week of every month and submit the Minutes of Meeting to the IQAC.

5. Research Centre Activities since Last meeting

Centre	Ph.D Produced	Research /Patent Publicatio ns	Events organised	Funds received/A pplied	Consultan cy work	Particip ation	MOU signed
ECE	2	1	-	1(AQIS)	2	-	-
CSE	2	3	-	-	2	-	-
MECH	-	2	2	1(AQIS)	2	-	-
EEE	-	-	-	1	2	-	-
IT	-	-	-	-	1	-	-
BME		12	1	1	1	8	1
CIVIL					1		
MECT					1		

PATENTs Published

S. No	Department	Patent Title	Name of Applicant(s)	Patent No.	Agency/Country	Award Date	Status
1	CSE	Optimized 8-D Audio IN 3-D Spectacles	Dr.H.Lilly Beaulah	20194100236 4	Allinnov Research and Development	25.01.2019	Published
2	EEE	A Protective mobile case	Dr.S.M.Kamali	-	Allinnov Research and Development	14.12.2018	Published

DETAILS OF CONSULTANCY WORK INITIATED/UNDERGOING

S.No	Department	Name of the Project	Name of the Organization	Cost of the Project(Rs.)
1	BIOMEDICAL	IOT based Data Acquiring System for Healthcare during Gestation	Cosmogems Private Limited, Chennai	25,000
2	CSE	Network Design for Multiple Office Connectivity	Livewire, Salem.	-
3		IP CCTV Network Design for Enterprise	Livewire, Salem.	-
4	CIVIL	Design Checking of structural Steel Supporting Structure for Clock Tower for Redevelopment of Station Building at Salem Junction	Southern Railways, Salem Division	2000
5	ECE	Eye Ball Controlled Automatic Wheel Chair for patient convenient movement	SKS Hospital,Salem	2,90,000
6		Advanced Wireless Security System with Remote Alarm and Sensor for Modern Security Application	Ranga Electronics,Salem	2,40,000
7	EEE	Design of MIMO converter for electric Vehicle fast charging with supervisor monitor	Arun Industries, Salem	45,000
8		Modernized (Zig bee based) speed control of a motorcycle with fingerprint access.	Cosmos Gems Pvt. Ltd., Chennai	25,000
9	IT	Child Monitoring System using Raspberry Pi	Apple Kids Tower Swarnapuri, Raman Nagar, Salem - 636004	15,000
10	MECH	Design and Analysis of Alternative Cement Clinkers	Ramco cements, Valappady	1,00,000
11		Development of smoothness tester for testing smoothness behavior of fabric	Maha Ajay Spinners	1,40,000
12	MECHATRONICS	PLC Based Speed Control of DC Motor	Maha Ajay Spinners	30,000

➤ Plan for Research and Extension activities during 2019-20

Resolved to note that following number of research and extension activities will be expected from various departments during the academic year 2019-20

S.No.	Department	Expected Book Publications	Expected Journal Publications	Patent Publications	Expected Research Grants	No. of Consultancy work	Extension Activities	MoU to be signed
1.	BME	1	4	2	2	2	5	2
2.	Civil	2	2	2	4	2	8	1
3.	CSE	3	5	2	2	4	3	
4.	ECE	3	10	2	3	4	5	2
5.	EEE	3	7	2	2	4	2	3
6.	IT	4	4	2	1	2	5	1
7.	Mechanical	2	8	2	2	4	5	2
8.	Mechatronics	1	5	2	1	2	2	2
9.	S&H	4	2	2	1	3	4	-

6. Academic and Administrative Audit will be planned in the month of May-2019

7. Placement Details

- Resolved note that the Students Placement Details during the academic year 2018-19

Sl. No.	Department	No. of Students Placed	No. of Offers
1	CSE	49	154
2	ECE	65	138
3	EEE	49	145
4	IT	16	24
5	MECH	92	146
6	CIVIL	28	36
7	MECHT	23	49
8	BIOMEDICAL	32	77
Total		354	769

Total number of Companies Visited	122
Total number of Students Placed	354
Total number of Offers	769
Highest Salary	8.0 LPA
Median Salary	2.4 LPA

9. Proposed Activities for 2019-20

- Resolved to note that following number of proposals were given by various departments for conduct of Technical and other programmes during the academic year 2019-20

S. No.	Dept.	Conference	Workshops	Seminar	Guest Lecture	Industrial Visit	FDP
1	CSE	1	4	2	2	3	1
2	EEE	1	1	2	5	2	1
3	ECE	1	4	2	2	3	1
4	IT	-	2	2	4	1	-

5	Mechanical	1	5	2	3	5	1
6	Civil	1	4	1	6	3	1
7	Mechatronics	-	2	2	2	2	-
8	Biomedical	1	4	1	-	2	-
9	S & H	-	-	2	4	-	-

3. Best Practices

- a. **Mahendra Equip 360** a new initiative taken by the institute to equip the students for industry ready.
- b. **Students mentoring** – Faculty members to continue the process of students mentoring and to identify the problems in the academic related matters and in personal matters. Mentors have to take the follow up actions to sort out their problems.
- c. **Mahendra Students Resource Development centre** to organize events in the nearby village to develop students as social responsible citizens.

Name of the Member	Signature	Name of the Member	Signature
Dr. N.Malmurugan	<i>N.Malmurugan</i> 12/13/19	Dr.S.M.Kamali	<i>S.M.Kamali</i>
Dr.C.T.Sivakumar	<i>C.T.Sivakumar</i> 12/13/19	Dr.R.Nandhakumar	<i>R.Nandhakumar</i>
Dr.N.Mohanasundararaju	<i>N.Mohanasundararaju</i> 12/13/19	Dr.S. Rajalaxmi	<i>S. Rajalaxmi</i> 12/13/19
Dr.S.Balamurugan	<i>S.Balamurugan</i> 12/13/19	Mr.S.Senthi Kumar	<i>S.Senthi Kumar</i> 12/13/19
Dr.M.Suganthi	<i>M.Suganthi</i> 12/13/19	Dr.N.Thirumoorthy	<i>N.Thirumoorthy</i> 12/13/19
Dr.H.Lilly Beaulah	<i>H.Lilly Beaulah</i> 12/13/19	Er.G.Sivasubramanian	<i>G.Sivasubramanian</i> 12/13/2019
Prof. K.Prasad Babu	<i>K.Prasad Babu</i> 12/13/19	Mr.J.Jameel Khan	<i>J.Jameel Khan</i> 12/13/19
Dr.T.Akila	<i>T.Akila</i> 12/13/19		