



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

INTERNAL QUALITY ASSURANCE CELL (IQAC)

Ref. No. AIET/IQAC/2015-16/15

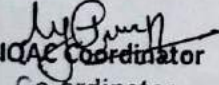
29 May 2016

CIRCULAR

It is hereby informed to all the IQAC members to attend meeting scheduled 17 Jun 2016 in board room, AIET campus at 10:30 AM.

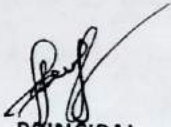
Agenda

- i. Review/Confirmation of the minutes of meeting/Resolutions of previous meeting.
- ii. Presentation of Odd semester results Academic year 2015-16 to IQAC
- iii. Discussion of IA Performance for the EVEN semester of 2015-16
- iv. Presentation of overall performance of the Institution Academic year 2015-16
- v. Approval of Departmental Activities to be conducted for the academic year 2016-17 along with the budget.
- vi. Any other discussion with the permission of the chair

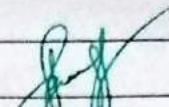
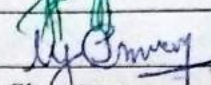
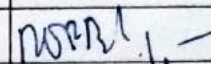
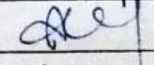
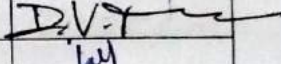
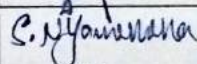
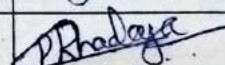
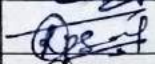
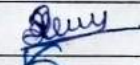
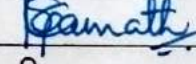
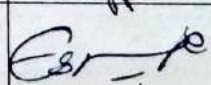
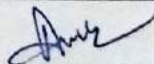

IQAC Coordinator
Co-ordinator

• IQAC
AIET, Mijar
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1. Members of IQAC
2. Principal Office
3. IQAC File


PRINCIPAL
Chairman
IQAC
AIET, Mijar

MINUTES OF IQAC MEETING

Chairman	Dr. Peter Fernandes			
Coordinator	Prof. Praveen J			
	Name	Department	Signature	
Members	Dr. Basavaraju B	Dean Academics (I-Year)		
	Prof. B. Durgaprasad Baliga	HOD, Civil		
	Prof. Manjunath Kotari	HOD, CSE		
	Dr. D V Manjunatha	HOD, ECE		
	Prof. Jayanth Kumar Rathod	HOD, ISE		
	Dr. Shankargoud Nyamannavar	HOD, ME		
	Prof. Ramakrishna Chadaga	HOD, MBA		
	Dr. Ravi Kumar C	HOD, Chemistry		
	Dr. Ramaprasad A T	HOD, Physics		
	Mrs. Prameela S Konde	HOD, Maths		
	Mr. Preetham Shetty KV	Librarian		
	Mr. Nithin	Physical Director (PD)	Nithin	
Administrative/ Technical Staff	Mr. Rakesh Shetty	Administrative Officer		
	Mr. Shantharam Kamath	Finance Officer		
	Mrs. Sowmya Jain	Office Superintendent	Sowmya	
Students:	Sachin S	Final year ISE		
	Praveen Kumar	Final year Civil		
Management Representative:	Mr. Vivek Alva	Correspondent		
Alumni:	Roja H N	ECE		
	Mr. Shanthi Sagar	Dept. of ME		
Community Representative Stakeholder:	Mr. Sudhakara poonja	Nagarika Hitharakshana Vedike- member		
Employers Industrialist:	Mr. Arvind Murthy	Senior Manager-Talent Acquisition Aris Global, Bangalore		
Other External Experts:	Dr. Annappa	Professor, NITK, Surathkal		

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Agenda 01 : Review / Confirmation of the Minutes of Meeting / Resolutions of Previous Meeting.

Agenda 02 : Discussion on matters related to Management, Infrastructure, Academics, SBPs/FDPs, R&D, Industry Institute Interaction, Mandatory clubs, Social Outreach Programs of 2015-16 Even Sem.

A. Management :

1. IQAC recommended to management, that there is need to address infrastructural facilities such as ~~RAMP~~ ramp for physical challenged student / Staff, lift facility, fire safety etc.

Explanation : No doubt, there is a scope for upgrading above said facilities, however, presently if such physically challenged students are found then the classes are engaged in the ground floor. Each floor is equipped with fire extinguisher to handle minor mishaps.

2. Dr. D.V Manjunatha, Head of ECE dept. proposed to setup the MEMS Lab at the institute, which could benefit the student and staff to do research activity with current technological trend.

3. IQAC members also suggested to have an interdisciplinary research lab at the institute and recommended for management to setup Innovation lab.

4. NAAC awareness program was organized for all staffs and students as Quality Initiative and improvement by Prof. Purnaiah J on 26th Feb 2016.

5. IQAC suggested the senior faculty members of the institution to give the awareness on the roles and responsibilities of individual stake holders in NAAC and MBA process.

6. The following are the selected staff to get recruited for the academic year 2016-17.

SL No.	Name of the Faculty Appointed	Dept	Designation
1	Mr. Manjunath	ME	Asst. Professor
2	Mr. Shankar		Assoc. Professor
3	Prof. Edwin	L&C	Professor (Emeritus)
4	Dr. Dattathraya		Sr. Professor
5	Dr. Mohideen Badhushas		Sr. Professor
6	Ms Meghana Divakar Hegde	CSE	Asst Professor
7	Ms. Shilpa		Asst. Professor
8	Dr. Nitendra Palankar		Sr. Asst. Professor
9	Dr. H. G. Umeshchandra		Assoc. Professor
10	Prof. Arun Kumar G.S		Asst. Professor
11	Mr. Bhojaraja B.E		Sr. Asst. Professor
12	Mrs. Veena D Sowanth		Asst. Professor
13	Mr. Ramesh Rao B		Asst. Professor
14	Mr. Akruith K	CIVIL	Asst. Professor
15	Mr. Rakesh N		Asst. Professor
16	Mr. Avinash Nayak		Asst. Professor
17	Mr. Manjunath H S		Asst. Professor
18	Mr. Jayalatha N A		Asst. Professor
19	Mr. Aditya Tantry		Asst. Professor
20	Ms. Shilpa S Vadarwadgi		Asst. Professor
21	Dr. Shashikumar	PHY	Assoc. Professor
22	Mrs. Nisha Kumari		Lecturer
23	Ms. Sowmya	Maths	Lecturer
24	Ms Anumapal Jayagondar		Lecturer
25	Mr. Nagarjun		Lecturer
26	Dr. Ravi Kumar C		Sr. Asst. Professor
27	Dr. Pavitra G.P	Chem	Asst. Professor
28	Mr. Mohan Reddy		Sr. Lecturer
29	Prof. P. Ramakrishna Chadga		Professor / Dean
30	Prof. A.V.M. Ramesh Kormik		Professor (Emeritus)
31	Dr. G. V Vishwanath	MBA	Sr. Assoc. Professor
32	Prof. Sourav Ganguli		Assoc. Professor
33	Dr. Ravi Kulkarni		Sr. Asst. Professor
34	Ms. Suhani Hegde		Lecturer

7. The IQAC recommended the following staff for the promotion based on eligibility & appraisal system

Sl. No.	Name of Faculty	Dept.	OLD	Promoted as
1.	Dr. B. Basavaraju	Chem	Professor	Dean Academic

B. Academics.

1. IQAC Chairman expressed his opinion to go for NBA, in this regard, HODs of various departments were instructed to practice Outcome Based Education (OBE) in the respective Programs. The external members of IQAC were requested to guide in this regard and hence they suggested the follow these practices.

a. As a need from NBA, the Departments are hereby directed to frame Program Educational Objectives (PEOs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for each courses.

b. All the Programs have to map CO-POs, identify the gaps and then plan the activities to fill the gap. The effective assessment methods to evaluate student's outcomes have to be planned

2. The IQAC Chairman has proposed to form the examination committee to handle the Continuous Internal Evaluation (CIE) and Semester End Evaluation (SEE) process. This committee should also handle the examination (SEE) related grievance.

3. Presentation of ODD Semester Results Academic Year 2015-16 to IQAC.

First Year: Chemistry Cycle: 51.7,
Physics Cycle: 54%

2015-16 ODD Semester Results

Department	3rd Sem	5th Sem	7th Sem
CSE	79%	80.65%	86.54%
ISE	71.43%	87.5%	83.87%
ECE	53.66%	72.56%	86.75%
CV	78.94%	83.56%	68.5%
ME	58.01%	67.23%	82.17%
MBA	ISEM	111 Sem	85%

4. Students Shortage of attendance for the even semester for May/June 2016 VTU Exam.

The department heads have submitted the list of students with shortage of attendance. Even after repeated reminders to students and parents, the following students have attendance below the VTU norm.

Sl.No	Name of Student	USN	Branch	Semester
1.	Vanshini Tejashwini AV	4AL15EC097	ECE	
2.	Akshay Kumar K	4AL15MED01	ME	
3.	Md. Taha M	4AL15ME057	ME	
4.	Md. Hisham Akbar	4AL15CV059	CV	
5.	Nagesh R.	4AL15CV062	CV	2nd Sem
6.	Sachin Shekarappa K	4AL15CV084	CV	
7.	Surakshith Shetty	4AL15CV100	CV	
8.	Vinayak	4AL15CV103	CV	
9.	Puneeth SN	4AL15IS030	ISE	
10.	Rupen Talikoti	4AL15CS080	CSE	
11.	Nikhil N Naik	4AL12CV054	CV	
12.	K. Nishal	4AL13CV041	CV	
13.	Narayashree P G	4AL13CV133	CV	
14.	Sanjay BN	4AL13CV134	CV	4th Sem
15.	Aishwarya Bhandarkar	4AL14IS005	ISE	
16.	Sushritha Shetty	4AL14IS043	ISE	
17.	Hemlin Shibu	4AL14CS026	CSE	
18.	Sangeetha M	4AL14SO75	CSE	

19.	Naveej Poudyal	4AL13MC080	ME	
20.	Nafes Ahmed	4AL13ME726	ME	
21.	K R. Shriyas	4AL15MC432	ME	4 th Sem
22.	Ashwagosh BS	4AL14ECD15	ECE	
23.	Varsha BM	4AL14ECD95	ECE	
24.	Arinash	4AL13CV025	CV	6 th Sem
25.	Dawood Pasha	4AL15MBA15	MBA	2 nd Sem

C. Discussion of TA Performance for the EVEN sem of 2015-16.

Department of CSE.

It is observed that - In the subject DAA, Microprocessors of 4th semester, surprisingly CGV Lab and CNSE of 6th sem and INS of 7th sem, majority of the students are found to be performing in an average level.

Explanation: Microprocessor deals with the Assembly level programming and students found to have difficulty in switching from C to MP. DAA deals with finding the complexities of algorithms.

Numerical subjects are quite challenging also. This is a new scheme subject where a lot of new set of programs are introduced. INS is network security, Cryptography concepts and a lot of mathematical computation are involved. Visualization/Practical demonstration is required for this subject.

Extra classes and remedial classes can be put. Organize / Conduct Webinars / Workshops on subjects like cloud and the like.

Department of Mechanical Engineering.

It is observed that - Applied Thermodynamics of 4th semester, and Control Engineering of 8th semester in which majority of students' performance is average.

Explanation: Students do not properly learn

Thermodynamic concepts and principles, students had difficulty recognizing relevant concepts and principles, and putting them together in order to solve thermodynamic problems. Control Engineering is purely analytical oriented subject, hence students facing issue in follow-up & lack of practical life examples and experiments. And also employed various instructional techniques such as inquiry-, problem- and project-based learning.

Department of Electronics And Communication Engg.

It is observed that - Control System and Signals and Systems of 4th semester and Digital Switching Systems of 8th semester, in which majority of students performance is average.

Explanation: Control System and Signals & Systems deals with complex mathematics, due to which students finds it difficult. Digital Switching Systems is a conceptual subject.

Suggestions: It is suggest to take help from mathematics faculty to provide strong fundamentals in mathematics. DSS can be better understood by visiting local exchange.

Department of Civil Engineering.

It is observed that the students performed average in 4th semester structural analysis subject, DDRC and TE in 6th semester and 8th semester, ACT & DDSS.

Explanation: The students are very weak in understanding the mathematics and the application of the same in all these design & complex subjects. Some of the structure related subjects need logic and the software is to executed.

Suggestions: The coaching classes can be conducted.

for the design, structure related subjects along with the mathematics. Hands-on training is required for the understanding of steel structure and designs. Software training skills are to be developed.

D. Activities done for slow learners and Advanced learners:

The Institute groups the student into Advanced learners and slow learners. Advanced learners generally take up leadership roles such as Class Representative, Forum Coordinator, NCC coordinator, NSS coordinators. In addition to this the advanced learners are inducted into EDC initiatives, MOU activities and Project leaders.

Slow learners are taken care of by supporting their academic activities through crash courses, coaching classes and they are inducted as group members of Forum, NCC, NSS, EDC and Project members.

E. Library:

a. Sufficient number of books are maintained in the library as per the norms laid by affiliating university / UGC / AICTE. Total 92 Subscription for journals is there. Total 08 e-journals / e-resources are available.

b. Committee suggested using RFID scanners in order to make library activities to be done with ease.

F. IQAC suggested to form Examination committee. Mr. Harish Kunder is identified as liaison officer to VU and co-ordinator for the examination committee.

G. SDPs / FDPs :

ME	Patents Trademarks Copyrights and its Protection.	Mr. Ajith Kumar, Advocate & Professor	05 Feb 2016
Chem	Role of "World Intellectual Property Organisation (WIPO)"	Mr. Ajith Kumar Advocate Professor	12 Feb 2016
CSE	Importance of IPR	Mr. Gurusai, Advocate	20 Feb 2016
ISE	IPR Awareness, Patents Trademarks & Copyright	Mr. Ajith Kumar Advocate & Professor	20 Feb 2016
ECE	Recent trends in Optical Communication & Patent Rights	Prof. Niranjana Murthy, Dept. of ECE, RLJIT Doddaballapur.	22 Feb 2016
CV	Indian Patent Management Systems	Dr. Nagaraj Sitharam	24 Feb 2016

H. R & D.

1. IGAC suggested applying for sanctioning of the VTU recognized Research Centre in the department of ECE & CSE.
2. The following are the Research scholars registered at our institute research centre.

Sl. No.	Dept.	Name of the Supervisor	Name of the Scholar	Year of Registration
1.	Maths	Dr. Aakash S.T	Mr. Deepak K.S	2015
2.			Mr. Ramesh G	2015
3.	Chem	Dr. Basavaraju B.	Mr. Manuel Rodrigues	2015
4.	ME	Dr. Satyanarayan	Mr. Sharathchandra Prabhu	2015

3. Student Publication : Five papers are published by students of CSE
4. Faculty Publications :

SL.No	Program	Title of Paper	Name of the Author/s	Name of Journal	Year of Publication	TSSN
1.	CSE	Social network pruning for optimal social networks.	Dr. Sumith N	Knowledge based Systems	2016	0950-7051
2.	CE	Novel And Eco Friendly And Chalk & Mosquito mat From Coconut Shell oil.	Mr. H Ajith Hebhan	International Journal of Advanced Research in Engg. & Technology	2015	0976-6480
3.	CE	Studies on eco friendly concrete incuti-potaling waste as aggregates	Mr. Niten- ra Polankar	International Journal of Sustainable Built Environment	2015	2212-6090
4.	CE	Investigation on Alkali- Activated Slag Fly Ash Concrete with steel slag coarse aggregate for Pavement Structures	Mr. Niten- dral Plankar	International Journal of Pavement Engineering	2015	1029-8436
5	CE	Mapping Age wise Dis-crimination of Arecanut Crop Water Requirement Using Hyperspectral Remote Sensing	Mr. B.E Bhojaraaja	Aquatic Procedia	2015	2214-241X

6	CE	Age based classification of arc smelt crops: a case study of Channarayana, Karnataka, India	Mr. Bhojappa B.E.	International Geocart	2016	1010-6049
7	CE	Durability Studies on eco-friendly concrete mixes incorporating steel slag as coarse aggregates	Mr. Nitendra Palankar	Journal of Cleaner Production	2016	0959-6526
8	ME	Micromechanical Behavior of Al6061-Graphite/Al203 Particulate Reinforced Hybrid Metal Matrix Composites	Mr. Mithun B.R.	International Journal of Applied Engg. Research	2015	0973-4502
9	CHE	Generation of NiSi ₃ N ₄ nanocomposites by DC, PC and PRC electrodeposition methods	Mr. Mohan Reddy	Journal of Materials Engineering and Performance	2016	0267-0844
10	MAT	Neighbourhood Contraction in Groups	Dr. Brahma Kolake	Indian Journal of Pure and Applied Mathematics	2015-16	0019-5588

11	PHY	Bipyridinium bis(carboxylate) Radical Based Materials: X-ray EPR & Paramagnetic Solid State NMR Investigations	Dr. Shashi Kumar Suramey	Eur. J. Inorg. Chem	2016	1434-1948
12	PHY	Formation of Stable phases of the Li-Mn Co oxide system at 800°C under ambient oxygen pressure	Dr. Shashi Kumar Suramey	J. Solid State Electrochem	2016	1432-8488
13	PHY	Structural, thermal linear & non linear optical studies of an organic optical limiter based on reverse saturable absorption.	Dr. Jayarama A.	Journal of Molecular Structure	2016	0022-2860
14	PHY	Third-order NLO property of thienyl chalcone derivatives: Physicochemical analysis & crystal structure determination	Dr. Jayarama A.	Molecular Crystals & Liquid Crystals	2016	1542-1406
15	PHY	Vibrational spectra analysis, NBO, HOMO LUMO, and nonlinear optical behavior studies on 3-(3,4-dimethoxyphenyl)-1-(pyridin-2-yl)prop-2-en-1-one	Dr. Jayarama A.	Monatsh. Chem. 147	2016	0026-9247

5. Funds / Grants Received:

- a. In the year 2015-16, six Final year projects were funded by KSCST with the total amount of Rs. 31,000.
- b. One Final year project (Design and Fabrication of Multipurpose Multi-Rotor Weed Remover) for academic year 2015-16 was funded by VGST with the amount of Rs. 40,000.

I. Industry Institute Interaction:

1. Internship Details:

- a. The 2nd Year students of CSE gone for internship in Telecom Technology Awareness Course BSNL.
- b. Two students from ECE were the interns in Onida, Micro Electronics Ltd.
- c. The 2nd Year students from ISE attended an awareness course in BSNL from 14-08-15 to 22-08-15.
- d. From ME dept. one student did his internship in HAL and 5 students did an internship in SKF.

2. Industrial Visits:

- a. The dept. of CSE had conducted a visit to ISRO, Bangalore & MCF, Hassan for students in Mar 2016.
- b. The Department of CSE had conducted a 2 days industrial visit to ISRO, Bangalore & MCF, Hassan in Apr. 2016.
- c. The Department of ECE had conducted two days industrial visit to Mysore Industries viz., L&T & ACE Components in Apr 2016.
- d. The Department of MBA conducted visits to REDSET Institute, Ujire.

J. Mandatory Clubs:

The IQAC committee expressed its satisfaction over the formation of mandatory committees formed in the institution and the effective functioning of the same. Committee suggested to continue the same and if any

issue is reported immediate action needs to be initiated.

K. Social Outreach Programs:

1. Alvo's Pragati is planned to conduct on 02 Jul & 3 July 2016 to all streams of students, which is open to all colleges.
2. Computer Kaliyona - One Day Rural Computer Awareness Camp, was conducted by the Dept. of CSE to educate the students on computer usage / programming of Govt. High School, Venot on 29 Feb 2016.

Agenda 03 : Presentation of Overall Performance of the Institution Academic year 2016-17 Discussion:

1. Placements:

Total of 39 companies visited AIET campus in the year 2015-16. Prominent companies visited are EY, IBM, ~~IBM~~ IBM-GTS, Oracle, Optimus Electronic Ltd. Toyota Industries Engine Pvt. Ltd. West line Ship Management, NinjaCart, Amazon, Cognizant and the like. Total of 246 students are placed out of 332 eligible students (without backlogs). With this overall placement percentage is 74%.

2. Cultural:

The Cultural team of 45 members from AIET participated in 16th VTU Youth Festival conducted at AIET, Moodkuri from 07 May to 10 May 2016, following are prizes won by AIET students:

Sl. No	Medals	Event:
1.	Silver medal	Folk Orchestra, VTU Youth Festival
2.	Silver Medal	Mime, VTU Youth Festival
3.	Silver medal	Skit VTU Youth Festival
4.	Brongze Medal	One Act Play, VTU Youth Festival

5.	Bronze Medal	Classical Instrumental (n,p) VTU Youth Fest
6.	Silver Medal	Installation, VTU Youth Festival
7.	Silver Medal	On the spot painting, VTU Youth Fest
8.	Bronze Medal	Collage, VTU Youth Festival
9.	Bronze Medal	Poster Making, VTU Youth Festival

Alva's Institute of Engineering & Technology is Champions at 16th VTU Youth Festival.

3. NCC :

- The 06 Kan Air sqn NCC, Mangalore have requested to provide the campus to conduct Annual Training Camp in the month of July 2016. The Management has agreed to provide for the same.
- The caretaker officer has to sent for PRCN course against the availability of vacancy for the course

4. Sports:

- Rahma C.J. MBA 1st Year won the gold medal in All India Inter University Power lifting Championship held at Acharya Nagarjuna University Guntur, Ap. And won the silver medal in junior nationals power lifting competition held at Chennai in Jan 2016
- AIET Volleyball Team prize winners in VTU inter collegiate Inter Zonal Volleyball Championship, held at JNNCE, Shimoga on 3rd to 5th march 2016.
- AIET. Cross Country (women) team prize winners in VTU Inter Collegiate Inter Zonal Cross Country Championship, held at Kolar on 4th to 5th march 2016.
- AIET Kho-Kho team prize winners in VTU Inter Collegiate Zonal and Inter Zonal Kho-Kho Championship held at SIT, Mangalore and VCET, Bangalore on 11th to 12th March, 2016.
- AIET Athletic team (men & women) prize winners in VTU Inter Collegiate Inter Zonal Athletic Championship, held at Sir. MVP, Bangalore on 24th to 27th March 2016.

f. AIET Kho-Kho team prize winners In VTU Inter Collegiate Zonal And Inter Zonal Kho-Kho Championship, held at BLDCEET Bijapur, from 30th March to 4th April, 2016.

h. Following Students Represented Inter University Events.

Sl.No	Name	Event	Host University/Institution
1.	Rahman C	Power Lifting	Acharya Nagarjuna University Guntur. AP.
2.	Kusuma	Kabaddi (women)	Tamil Nadu Sports University.
3.	Shariath	Cross Country	Mangalore University And AEF.
4.	Anusha	Cross Country	Mangalore University And AEF
5.	Chandini	Cross Country	Mangalore University And AEF
6.	Bhoomika H	Badminton (Women)	SRM University Tamil Nadu Chennai

Agenda 04 : Approval of Departmental Activities to be conducted for the academic year 2016-17 along with the Budget.

Resolution : The program / Club wise activity list with budget, submitted by respective HODs [Annexure 1] and Club Coordinator is presented to IQAC and approval was taken.

Agenda 05 : Any other discussion with the Permission of the Chair.

The IQAC coordinator presented the following revised policies for approval.

1. Policy on Teaching Learning process

2. Scholarship Policy

3. Assessment and Examination Policy

4. Along with these the co-ordinator has proposed new policies :

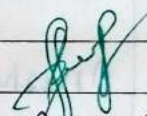
1. Library Policy

2. Code of Conduct

3. Student Mentoring Policy

The above policies have been reviewed by all the members and expressed their satisfaction for approval of same.

The meeting is concluded by thanking all.


IQAC Chairman
Chairman
IQAC
AIET, Mijar