

01 Jan 2019



**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/2018-19/11

01 Jan 2019

**CIRCULAR**

Internal Quality Assurance Cell (IQAC) meeting is scheduled on 12 Jan 2019 at 11:00 am at board room, requesting all the IQAC members to present.

**Agenda:**

- i. Review/Confirmation of the minutes of meeting/Resolutions of previous meeting.
- ii. Presentation of Even semester results Academic year 2017-18 to IQAC
- iii. Discussion of IA Performance for the Odd semester of 2018-19
- iv. Presentation of Curricular, co-curricular and extracurricular activities of 2018-19 Odd Semester.
- v. Any other discussion with the permission of the chair

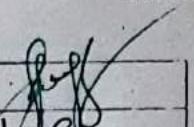
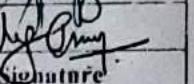
IQAC Coordinator  
Co-ordinator  
IQAC  
AIET, Mijar

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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	
Members	Name	Signature
	Dr. Basavaraju B	Dean Academics (I-Year)
	Prof. Ajith Hebbar	HOD, Civil
	Prof. Manjunath Kotari	HOD, CSE
	Dr. D V Manjunatha	HOD, ECE
	Prof. Jayanth Kumar Rathod	HOD, ISE
	Dr. Harishanand K S	HOD, ME
	Prof. Ramakrishna Chadaga	HOD, MBA
	Dr. Ravi Kumar C	HOD, Chemistry
	Dr. Ramaprasad A T	HOD, Physics
Administrative/ Technical Staff	Mrs. Prameela S Konde	HOD, Maths
	Mr. Preetham Shetty KV	Librarian
Students:	Mr. Dilip	Physical Director (PD)
	Mr. Nikhil Alva	Administrative Officer
	Mr. Shantharam Kamath	Finance Officer
Management Representative:	Mrs. Sowmya Jain	Office Superintendent
	Rashmitha GR	Final year Civil
Alumni:	Chandan R Shastri	Final year CSE
	Mr. Vivek Alva	Correspondent
Community Representative Stakeholder:	Rinu Thomas	MBA
	Mr. Hithesh G Shetty	Dept. of ME
Employers / Industrialist:	Mr. Sudhakara poonja	Nagarika Hitharakshana Vedike- member
Other External Expert:	Mr. Arvind Murthy	Senior Manager-Talent Acquisition Aris Global, Bangalore
	Dr. Annappa	Professor, NITK, Surathkal

12 Jan 2019

Agenda 1:- Review / confirmation of the minutes of meeting / resolutions of previous meeting.

Previous meeting resolutions were read and confirmed by all the members. Committee members were satisfied about the implementation of the same.

S1. Recommendation given Action taken for No by IQAC committee implementation & outcomes

1. The IQAC suggested to A three days training conduct the training program for faculties program for the was conducted on 09 July, faculties in this 10 July & 11 July 2018, to academic year also, orient about criteria document preparation. He also verified the maintained documents in the department.

2. Dr. Richard Pinto, Dept. The Karnataka council of ECE & Dr. Jayarama for Technological A, Dept. of Physics upgradation department presented the proposal of Industrial & commerce to setup the R&D has approved the proposal lab for developing and sanction letter was and prototyping received on 15 Sept 2019 chemical sensors with the amount of for Industrial Rs. 50 Lakhs.

applications. The IQAC committee appreciated and suggested to apply the KCRU fund.

(Discussed on 6<sup>th</sup> IQAC meeting).

3. The Heads of various The Departments of Physics, departments have CSE, ISF, chemistry, Maths,

presented the revised  
vision & Mission  
statements to IQAC

and ECE had redrafted  
vision, mission, PSOs &  
POOs of the respective  
department and the  
same is approved by GC

Agenda 2: Discussion on matters related to  
Management, Infrastructure, Academics, SDPs/FDPs,  
R&D, Industry Institute Interaction, Mandatory  
clubs, social outreach programs of 18-19 odd  
semester.

#### A. Management.

1. Data was uploaded to NIRF on 30 Nov 2018 and the Institute ID given is JR-0-C-1284.
2. The heads of the CSE, ECE & ME proposed readiness to apply the NBA pre-qualifier.
3. IQAC suggested that, to obtain institutional membership by paying required fees to NBA.
4. A mock Audit is scheduled on 18<sup>th</sup> Jan & 19<sup>th</sup> Jan 2019, for the verification of NBA documents by Dr. Umakanth P Kulkarni and Dr. S M Joshi of Dept of CSE, SDM College, Dharwad.
5. The suggestions of above auditors should be incorporated by the Dept and the will be verified by program specific auditors. In this regard, on 19 Jan 2019, a re-audit for the verification of preparedness for NBA and relevant documents is scheduled. The audit is for CSE, ECE and ME Dept. The auditors identified are Dr G T Raju, Vice Principal & HOD, CSE, RNSIT, Bangalore, Dr. Kumaraswamy, Professor, ECE, RVCE, Bangalore and Dr. Ganesh Prasad, Dean, ME, NHCE, Bangalore.

#### B. Academics.

1. The admission details of academic year

RD18-19 Ps discussed below :

Branch.

9D18-19

	Approved		LE	Approved	
	UG	Admitted		PG	Admitted
CV	180	49	15	NA	NA
CSF	120	97	4	NA	NA
ECE	120	60	1	NA	NA
JSE	60	27	-	NA	NA
MF	180	38	10	NA	NA
MBA	NA	NA	-	180	88
Total	600	271	30	180	88
(UG + LE + PG					
Total				389	
Admission					

Discussion : Strategies to improve the admissions.

2. The ~~dis~~ heads of various departments presented the list of students having shortage of attendance appear for VTU exam May / Jun 2019.

Discussions : Heads of various departments informed the IQAC that, even after reminding telephonically to students as well as for parents about the attendance at the regular interval, but their response was poor.

3. Presentation of Even semester results

Academic year 2017-18 to IQAC.

First year : Chemistry cycle : 76.07, Physics cycle : 84.85.

Department	4 <sup>th</sup> Sem	6 <sup>th</sup> Sem	8 <sup>th</sup> Sem
CSF	74.43	88.16	99
JSE	58.93	96.55	100
ECE	49.06	57.14	98.2
CV	49.25	92.12	86.93
MF	48.75	58.39	100

MBA | II sem | 85 | IV sem | 90

ME, ISF, CV and ECE III Semester results are poor. It was decided that the faculty of those subjects have to be asked for explanation regarding the reason for poor performance.

4. The heads of various departments presented the list of students with shortage of attendance for VTU exam Dec 2018 / Jan 2018.

Discussion: Heads of various departments informed the IQAC that, even after reminding telephonically to students as well as for parents about the attendance at the regular interval, but their response was poor.

5. Discussion on IA performance and academic activities of 2018-19 odd semester.

The Result analysis of the IA performance was presented to the committee.

IA Result analysis of CSE/ISF program:

Analysis is done and student results are found to be satisfactory in IAs.

IA Result analysis of Mechanical engineering Dept:-

It is observed that - in Basic thermodynamic & Mechanics of Materials of 3<sup>rd</sup> semester, in which majority of student performance is average.

Explanation:- students do not properly learn concepts and principles, students have 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 and lack of practice.

Suggestions:- It was suggested to improve student learning of above subjects knowledge.

Including real life examples and experiments. And also employed various instructional techniques such as Inquiry-, problem- and project-based learning.

#### IA Result analysis of Electronic and communication Engineering Dept:

It is observed that - IA results of 3<sup>rd</sup> semester is found to be satisfactory, where as digital signal processing, object oriented programming of 5<sup>th</sup> semester and real time systems of 7<sup>th</sup> semester, found majority of students with average performance.

Explanation : Digital signal processing involves complex mathematics and concepts which makes students difficult to solve the examples. Object oriented program of 5<sup>th</sup> semester deals with concept of class and lacks of laboratory for this subject. Real Time Systems of 7<sup>th</sup> semester deals with the general concepts which makes difficult for students to correlate to actual machines.

Suggestions : It is suggested to assign more practical problems for DSP so that students can correlate concept with maths. It is suggested to introduce OOP laboratory to get better results in OOP subject. Conduct one project on real-time system to correlate the concepts for 7<sup>th</sup> semester students.

#### IA Result analysis of civil engineering Dept:

It is observed that in 3<sup>rd</sup> semester the students scored average in mathematics and strength of materials. In 5<sup>th</sup> semester, the performance of students in R.C. anal. analysis

of indeterminate structures is very poor. In 7<sup>th</sup> semester, the students performed average in Design of steel structures.

**Explanation:** The Students are very weak in understanding the mathematics and the application of the same in all these design and complex subjects. Some of the structure related subject's need the logic as the software is to be executed.

**Suggestions :** the coaching classes can be conducted for the design, structure related subjects along with the mathematics. Hands on training are required for the understanding of steel structures and designs. Software training skills are to be developed. The laboratory practices are to be repeated. The complex analysis of the result is to be made by the students.

**G-value added labs :**

**A. Mems lab :**

\* Four Projects related to solar panel simulation, fuel cells and study of antenna radiations are being carried out in MEMS lab.

**B. Envision Lab :**

\* Previous year prototype projects are completed demonstrated and found to be satisfactory.

\* Three projects are being carried out namely, hydroponics, audio amplifier system and weather monitoring system.

**E. Activities done for slow learners and advanced learners**

The Institute groups the students 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

#### C- SDPs/ FDPs:

Sl.No	Branch	Name of the Workshop / Seminar	Resource Person	Date
1.	Chemistry	Role of un- disclosed information in Advocate Intellectual Property	Mr- Ajith Kumar,	20 July 2018.
2.	ECE	Applied Electromagnetic Antenna	Pr. Krishna - Sm & modern moorthy k.	10 sept 2018
		Design & Patents.	Asst. Prof. Dept of ECE, NITK, Suratkal	
3.	ECE	Intellectual property Rights (IPR), Legal Air Service cell orientation program.	Ms. Geetha Shetty Mr. Akshay Alva.	21 oct 2018
4.	ME.	Patents, trademarks, copyright and trade secrets.	Mr- Ajith Kumar, Advocate.	14 Nov 2018.
5.	CSF	IPR importance	Mr- Ajith Kumar, Advocate.	11 Jan 2019.

#### D. Industry Institute Interaction :

- MOUs signed in this year:

Sl. No	Name of the institution / industry / corporate house	Date	Duration
1.	JSTT, Allahabad	06 Aug 2018	3 years.
2.	Dlite	01 Aug 2018	3 years.
3.	Semi-conductor laboratory (SCL), Chandigarh	06 Dec 2018	3 years
2.	The AIFER has helped ISRO by conducting orientation program for the fishermen at various coastal harbors of Mangalore about NAVIC benefits and process to utilize on 24 Sep 2018 onwards. AIFER as collaboration with ISRO was able to orient 420 fishermen with 12 NAVIC users.		
3.	EDC : EDC activities are listed in the table below.		

Activities	Dates
A talk on startups & EDC webpage launch.	23 Aug 2018.
A talk on "social entrepreneurship"	27 Aug 2018.
PMKVY Training 2018-19 skill development	12 Jun 2019 to 28 Feb 2019.
Training for Automotive sector.	
EAC Awareness Camp - I; three days workshop	16 Jan 2019 to 18 Jan 2019.
EAC Awareness Camp - II Three days workshop	10 Jan 2019 to 12 Jan 2019

#### 4. Industrial visit:

- A. The students of MBA visited Pune industries viz. JP park centre, Cooper corporation, Gestamp Automotives & Themax in Oct 2018.
- B. The student of ME Dept. visited GNAASF Quality casting, Mangalore in Aug 2018, Kargil

Atomic power station in Sept 2018 & Vazhani power plant in Oct 2018.

C. The student of CSE dept., visited Ed chakra dam, sarehatlu dam, Almatti dam, RMC plant at Bijapur, super dam & Synther rocks at Dandeli in Oct 2018.

D. The Student of EEE dept visited BSC, BEL, ASR, Bangalore & MCF, Hassan in Oct 2018.

E. The students of ISE Dept. visited ISRO & HAL, Bangalore in Nov 2018.

E. 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.

F. Social Outreach Programs:-

1. Alva's Progoti was conducted on 06 Aug July & 07 July 2018, in which 201 companies had participated, 3947 were shortlisted and 1326 were selected in drive.

2. The cadets of Air wing NCC conducted various events such as, Health awareness program at Thodar school on 01 Sep 2018, Swachta program at Yadapadu on 28 Sept 2018, Campaign of Digital payment for local people on 07 Oct 2018, Awareness on environmental on 14 Oct 2018, Blood donation on 03 Oct 2018 & Bebi Bacho Behi Padav Awareness on 28 Oct 2018.

3. Rural charity program: Toilet construction for aided primary school, Mayedip, Belthangady Taluk, D.K built by Dept. of CSE from 01 Aug to 08 Nov 2018.

4. Kalinga Computer - Rural computer education,

Camp was conducted by the Dept of CCE to the students of govt Kannada Medium School, Maradi from 29th October to 31<sup>st</sup> October 2018.

Agenda 3 : Presentation of curricular, co-curricular and extracurricular activities of 2018-19 odd semester.

Ph. D awarded.

Ajit Hebbar, HOD of CCE department completed his PhD on May 2019.

NCC :

1. The two cadets has been selected and participated in All India Vayu Sainik Camp conducted at Jodhpur from 23 Oct to 03 Oct 2018 ( colt Shreeta Kalabandhu; Dept of ME & colt chirag, dept of ME)

2. Fg. Offr. Parveez Sharif B G has been deputed for all India Vayu Sainik Camp as contingent commander of KAR & GOA Directorate.

3. The colt Mayya Sharath from the Dept of CCE has been selected and participated in Republic Day Camp , New Delhi.

4. CVO Uday Kumar from the Dept of ME selected and participated in Youth Exchange Program at Bhutan from 12 Dec to 18 Dec 2018.

5. This campus was provided for 06 KAR Air sign NCC , Mangalore to conduct Annual Training Camp from 16 July to 25 July 2018.

Cultural :

Some of the events of State and national importance were telebrated.

The cultural team of 45 members from AIEE participated in 19th VTU Youth festival conducted in Beemannna Isanide Institute of Technology , Balki from 02 Nov to 04 Nov 2018 following are prizes won by AIEE Students

Sl. No	Medals	Event
1.	Gold medal	Folks orchestra, VTU youth festival Mulkur
2.	Gold Medal	Mime, VTU youth festival Mulkur
3.	Silver Medal	Group song, VTU youth festival Bhalkur
4.	Silver Medal	On the spot painting, VTU youth festival Mulkur
5.	Bronze Medal	Collage, VTU youth festival Mulkur
6.	Bronze Medal	Poster making, VTU youth festival Bhalkur

AIET Institute of Engineering & Technology is second Runner up at 19<sup>th</sup> VTU Youth fest.

#### Sports :

1. AIET Athletic Team (Men & Women) Prize winners in VTU Inter collegiate Inter Zonal Athletic championship, held at SJCET Chikkaballapur 26<sup>th</sup> to 29<sup>th</sup> Oct, 2018.
2. AIET power lifting gold winner medal winner in VTU Inter collegiate Power lifting Championship, held at Sahyadri college from 28 Sept to 29 Sept, 2018 (Rishabh Agarwal RAo (III sem) Mech)
3. AIET women wrestler bronze medal in VTU Inter collegiate Inter zonal wrestling Championship, held at Sapthagiri college Bangalore from 15<sup>th</sup> to 17<sup>th</sup> Oct, 2018. Rachana C Hulipakat
4. AIET weight lifting men team prize winners in VTU Inter collegiate Inter zonal weight lifting championship, held at RITE college, Bangalore on 30<sup>th</sup> to 31<sup>st</sup> Oct 2018.

Agenda 5 :- Any other discussion with the permission of the chair.  
No points for discussion

The meeting is concluded by thanking all.

Raj  
TQAC chairman  
Chairman  
IQAC  
AIET, Mijar