Alva's Institute of Engineering & Technology

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Ref. No. AIET/IQAC/2017-18/05

05 Jan 2018

CIRCULAR

It is hereby informed to all IQAC members to attend a meeting on 12 Jan 2018 at 10:30 AM. The venue will be Board Room of AIET campus.

Agenda:

i. Review/Confirmation of the minutes of meeting/Resolutions of previous meeting.

ii. Presentation of Even semester results Academic year 2016-17 to IQAC

iii. Discussion of IA Performance for the Odd semester of 2017-18

iv. Presentation of Curricular, co-curricular and extracurricular activities of 2017-18 Odd Semester.

v. Any other discussion with the permission of the chair

IQAC Coordinator
Co-ordinator
IQAC
AIET, Mijar

PRINCIPAL
Chairman
IQAC
AIET, Mijar

Copy to:

1. Members of IQAC
2. Principal Office
3. IQAC File

Ref. No. AIET/IQAC/2017-18/06

12 Jan 2018

MINUTES OF IQAC MEETING

Chairman	Dr. Peter Fernandes		
Coordinator	Prof. Praveen J		
	Name	**Department**	**Signature**
Members	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	
	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:	Aishwarya Saraswathi H M	Final Year CSE	
	Keerthi Vadeyar	Final year ECE	
Management Representative:	Mr. Vivek Alva	Correspondent	
Alumni:	Mr. Prajwal Hosmat	Dept. of ME	
	Shetty Satyajeeth Padmanabh	MBA	
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	

10 Jan 2018

Agenda 01 : 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.

Agenda 02 : Discussion on matters related to Management, Infrastructure, Academics, SDPs/EDPs, R&D, Industry Institute Interaction, mandatory clubs, Social Outreach programs of 2016-17 Even Semester 2017-18 Odd Semester.

A. Management :

1. The Institute has signed an arrangement with Horaizen Technologies. Pvt. Ltd. on 20 Dec 2017, to maintain the curriculum database for Students Management System with the Dhi-Software
2. The IQAC suggested library to plan for the procurement of books for revised syllabus.
3. The IQAC suggested ~~library to~~ for the HOD of ECE to obtaining the quotations to setup the Electrical Engineering lab for First Year BE Course.
4. IQAC suggest to set up English language lab.
5. The IQAC had a discussion on reframed Vision & Mission of the Institute and suggested to get the approval from GC.
6. The IQAC suggested for all the department heads to revise the Vision & Mission, PEOs & PSOs statement of departments in line with the Institute Vision & Mission upon approval by GC.
7. Dr. Richard Pinto, Dept. of ECE & Dr. Jayarama A Dept. of Physics presented the proposal to setup the R&D lab for developing and prototyping chemical sensors for industrial applications. The IQAC committee appreciated and suggested to apply for KCTU Fund.

8. The following are the interviewed and selected staff to be recruited for the academic year 2017-18.

Sl.No.	Name.	Department	Designation
1.	Dr. Richard Pinto	E&C	Professor (Emeritus)
2.	Dr. Harishanand K S	Mechanical	Professor.
3.	Ms. Sneha P	Civil	Asst. Professor.
4.	Mr. Yogesh Dixit	MBA	Asst. Professor
5.	Dr. Kishor Kumar M.K	Mathematics	Sr Asst. Professor

9. The IQAC committee recommended the promotion of the following faculties based on eligibility and appraisal report.

Sl.No.	Name of the Faculty	Department	Previous Designation	Promoted As
1.	Praveen J	ECE	Sr. Associate Professor	Professor
2.	Dr. Manjunath Kotari	CSE	Sr. Assoc. Professor	Professor.
3.	Dr. Sumith N	CSE	Asst. Professor	Assoc. Professor
4.	Dr. Ajith Hebbar	CV	Assoc Professor	Professor
5.	Mr. Rakesh Kakkaramaya	PHY	Lecturer	Asst. Professor

B. Infrastructure:

Dell Desktop Computers, totally 108 numbers were added to computing facilities of the Institution.

C. Academics:

1. The admission details for academic year 2017-18 are discussed below:

Branch	2017-18				
	Approved UG	Admitted UG	LE	Approved PG	Admitted PG
CV	120	90	24	NA	NA

CSE	120	113	3	NA	NA
ECE	120	100	3	NA	NA
ISE	60	52	1	NA	NA
ME	180	99	21	NA	NA
MBA	NA	NA	NA	120	105
Total (UG+LE+PG)	600	454	52	120	105
Total Admission			611		

2. Presentation of Even Semester results Academic Year 2016-17 to IQAC.

First Year: Chemistry Cycle: 68, Physics Cycle: 63.42.

Department	4th Sem	6th Sem	8th Sem
CSE	53.95 %	87.5 %	95 %
ISE	78.79 %	86.11 %	100 %
ECE	43.8 %	73.74 %	97.59 %
CV	72.71 %	83.07 %	94.61 %
ME	49.71 %	75.52 %	94.57 %
MBA / II SEM	83 %	IV Sem	81.50 %

ME and ECE and also CSE III semester Results are poor. It was decided that the faculty of those subjects have to be asked for an explanation regarding the reason for poor performance.

3. The heads of various departments have presented the list of students with shortage of attendance for the VTU Examination DEC 2017/18 Jan 2018.

Sl.No.	Name of Student	USN	Branch	Semester
1.	Abhilash P V	4AL17CS001	CSE	I SEM
2.	Toufeeq Allabhakshan Nidagundi	4AL17ME052	ME	
3.	Suvarooop K	4AL17ME079	ME	

4.	Nitesh Aiholli	4AL17CV045	CV	I Sem
5.	Abhijeeth	4AL17CV001	CV	
6.	Prajwal Hosmane B S	4AL17CV066	CV	
7.	Ravi B S	4AL16CV072	CV	III Sem
8.	Yashaswini	4AL16CS022	CSE	
9.	Rakshith	4AL16EC409	ECE	V Sem
10.	Vijetha	4AL17MBA47	MBA	I Sem

Discussion: Heads of various departments informed to 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.

4. The Result analysis of the IA performance was presented to the Committee.

IA Result Analysis of CSE / ISE Dept.

It is observed that - in the subject ADE of 3rd semester, advanced Java (Elective) of 5th sem and ACA of 7th sem, majority of the students are found to be performing in an average level.

Explanation: Department level meetings have to be conducted to overcome the drawbacks. If training is required for students or faculty initiate the same.

IA Result Analysis of ME Engineering Dept.

It is observed that in Mechanics of Materials of 3rd semester, and Mechanical Vibration 7th sem, in which majority of student performance is average.

Explanation: Students do not properly learn Mechanics of Materials 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: ~~Students do not properly learn~~ More Ht wo

suggested to improve students learning of above subjects knowledge, including real life examples and experiments. And also employed various instructional techniques such as inquiry, problem, and project learning.

IA Result Analysis of ECE Engineering Dept.

It is observed that IA results of 3rd semester and 5th semester are found to be satisfactory. Embedded System Design of 7th semester in which students performance is found to average.

Explanation: Embedded System Design deals with the MSP processor which students find difficult to understand

Suggestions: It is suggested to introduce application experiments with MSP 430 processors, so that students finds it interesting.

IA Result Analysis of Civil Engg. Dept:

It is observed that in 3rd semester the students scored average in Mathematics and Strength of Materials. In 5th semester, the performance of students ~~performed~~ in RCC and Analysis of Indeterminate structures is very poor. In 7th 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 subjects need the logic as 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 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 complete

analysis of the result is to be made by the students

5. 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 coordinators, 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 of Forum, NCC, NSS, EDC and Project members.

6. Value Added Labs:

Under MEMS Lab 4 projects under Progress in this academic year.

7. Envision Lab:

: A total of 80 students are trained on PCB Design Course from 15th September 2017 to 12th October 2017.

8. IC Engine Lab:

This lab started in Dec 2017. The equipment brought are Single cylinder 4 stroke Computerised Common rail direct ignition (CRDI) variable compression ratio diesel engines to carry out research in the area of internal combustion engines with an objective of increasing fuel efficiency, emission, control and engine durability, New technology development.

D. SDPs / FDPs.

Sl.No	Branch	Name of the Workshop/ Seminar	Resource Person	Date
1.	CV	International Patents.	Mr. B. Govinda Ramesh IIMB Alumnus & an Entrepreneur	07 Sept 20[illegible]

9.	ECE	Applications of DSP in embedded system & Patent Rights.	Dr. U C Niranjan Adjuct. Professor, MIT Manipal.	10 NOV 2017

E. R&D:

1. The application for recognition of VTU research centre in the department of ECE has been approved and a sanctioned letter is recieved on 31 Oct 2017 from VTU.
2. Department of CSE has applied for sanctioning of VTU recognised Research center under Dr. Manjunath Kothari, HOD of CSE.

F. Industry Institute Interaction:

1. MOU/s signed in this Year.

Sl.No	Name of the Institution / Industry / Corporate House.	Date	Duration
1.	ISRO, National Atmospheric Research laboratory, Gadanki, Chittor, AP	29 Jun 2017	3 Years
2.	Kumomoto University, Japan	20 Jun 2017	5 Years
3.	Bhakthivedanta academy for Culture and character education.	01 Sept 2017	3 Years
4.	IISC, Bangalore	13 Oct 2017	5 Years
5.	HAL	17 Oct 2017	3 Years
6.	Calibrecode technologies Pvt. Ltd bangalore	18 Oct 2017	3 Years
7.	Vihan Sudham Technologies, Mysore	13 Dec 2017	3 Years
8.	Krishivignanakendra, DK	2017	3 Years
9.	SKF Boilers & Fryers Pvt. Ltd, Moodbidri	2017	5 Years

2. Under SKF Boilers and Fryers Pvt. Ltd., Moodbidri - 4 students completed Micro Project Internship of 1 Month (2016-18) 74 student, Student Training (2017-18) 38 Students Faculty Training (2016-17) 8 Faculties.

3. Industrial Visit :

a. The student of ME visited HAL & FTI, Bangalore in Oct. 2017.

b. The students of ECE dept. visited CSRI & BEL, Bangalore in Oct 2017.

c. The students of MBA dept. visited Dhanalakshmi Cashew Industry, Moodbidri in Nov 2017.

4. EDC : EDC Activities are listed in the table given below

A talk on "Challenges in Entrepreneurship"	23 Sept 2017
EAC awareness camp-1 : three days	30 Aug to 01 Sept 2017
EAC awareness camp-2 : Three days	14 Sept to 16 Sept 2017
EAC awareness Camp-3 : Three Days	09 Nov to 11 Nov 2017
EAC awareness Camp-4 : Three Days	10 Jan to 12 Jan 2018

5. 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

6. Social Outreach Programs :

a. Alva's Pragati was conducted on 24 Jun & 25 Jun 2017 in which 208 companies participated. In this drive 2915 students were shortlisted and 1058 students were selected

b. The cadets of Air Wing NCC conducted swachta abhiyan - cleanliness Drive on 26 Sept 2017, Nukkad Natak on 9 Dec 2017.

c. Varishtakreedakoota : A charity Event was organised by Dept. of ME on 08 Oct 2017 and raised fund of Rs. 5000, it donated in terms of books to the students of Govt. School Mijar.

d. AGAMYA - Donate for cause, not for applause; was

conducted by the dept. of ECE. The raised amount was donated in terms of TV to Sanidhya School.

Agenda 03: Presentation of Curricular, co-curricular and extracurricular activities of 2017-18 Odd Semester:

Faculty Ph.D. Awards:

1. Claret Mendonca, faculty of MBA department completed her Ph.D on Oct 2017.
2. Manjunath Kothari, HOD of CSE department completed his Ph.D on Jan 2018.

Sports:

1. AIET. Athletic team (men & women) prize winners In VTU Inter Collegiate Inter Zonal Athletic Championship, held at VTU Belgum, 03rd to 06th NOV, 2017.
2. AIET. Badminton women team prize winners in VTU Inter Collegiate Zonal Badminton Championship, held at NMAMIT Nitte. From 01 Sept. to 02 Sept, 2017.
3. AIET. wrestler Rachana 1st year engineering student has recieved in silver medal for VTU Inter Collegiate Women Wrestling Chamionship, held at PESCE Mandya from 08 OCT 2017.

NCC:

1. The Cadet Uday Kumar of ME dept. selected and participated in Republic Day Camp, New Delhi.
2. The Two Cadets had been selected and participated in All India Vayu Sainik Camp conducted at Jodhpur from 23 Oct to 03 NOV 2017 (Cdt Apoorva, dept. of CSE & Cdt Sohan Poojary, dept. of ME).
3. This campus is provided to 06 Kar Air Sqn NCC, Mangalore to Conduct Annual Training Camp from 27 Jul to 05 Aug 2017.
4. The Care taking Officer Parvez Shariff has completed NCC officer's training and is commissioned as Flying Officer.

Agenda 04 : Any other discussion with the Permission of the Chair.

The IQAC co-ordinator along with Prof. Jayaram presented the policy on Intellectual Property rights. All the members reviewed the policy and appreciate as it is well drafted. Hence the policy approved.

The meeting is concluded by thanking all

IQAC Chairman

Chairman
IQAC
AIET, Mijar