



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574222

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Ref. No. AIET/IQAC/2016-17/14

23 May 2017

CIRCULAR

Internal Quality Assurance Cell (IQAC) meeting is scheduled on 03 Jun 2017 at 11:00 AM. The venue will be Board Room of AIET campus. Requesting all the IQAC members to attend the same.

Agenda:

- i. Review/Confirmation of the minutes of meeting/Resolutions of previous meeting.
- ii. Presentation of Odd semester results Academic year 2016-17 to IQAC
- iii. Discussion of IA Performance for the EVEN semester of 2016-17
- iv. Presentation of overall performance of the Institution Academic year 2016-17
- 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

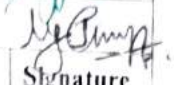
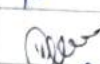
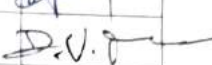
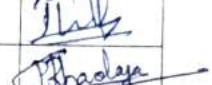
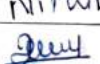
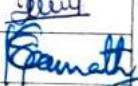
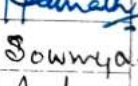
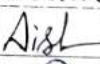
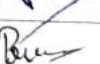
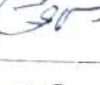

IQAC Coordinator
IQAC
AIET, Mijar

Copy to:

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. 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)		
Administrative/ Technical Staff	Mr. Rakesh Shetty	Administrative Officer		
	Mr. Shantharam Kamath	Finance Officer		
	Mrs. Sowmya Jain	Office Superintendent		
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		

Agenda 01: Review / Confirmation of the minutes of meeting / Resolutions of Previous meeting.

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

Agenda 02: Discussion on matters related to Management, Infrastructure, Academics of Semester, SDPs / FDPs, R&D, Industry Institute Interaction, Mandatory clubs, Social Outreach Programs of 2016-17 Even Semester.

A. Management :

1. The Institute has planned to adopt for alternated energy sources, in this regard Institution has taken a step to install solar panel for power generation.
2. The Institute also decided to gradually replace incandescent & ~~fluor~~ fluorescent bulbs with LED.
3. The following are the faculty members interviewed and selected for recruitment for the academic year 2017-18.

Sl.No.	Name of the Faculty Appointed	Dept.	Designation
1.	Mr. Thivikram Prabhu	ME	Sr. Asst Professor
2.	Mr. Ravindra Badigan		Assoc. Professor
3.	Mr. Keeshavanth B.G		Asst. Professor
4.	Mr. Shailesh M. G		Asst. Professor
5.	Mr. Madhu K N		Asst. Professor
6.	Mr. Sagar B S		Asst. Professor
7.	Mr. Anish Augustine		Sr. Lecturer
8.	Mr. Vangees A E		Lecturer
9.	Mrs. Vani Dimesh	ECE	Sr. Asst. Professor
10.	Dr. Roopalakshmi	ISE	Professor
11.	Mr. Manjunath H R	CV	Sr. Asst. Professor
12.	Mr. Ajith Hebbar		Assoc. Professor

13.	Mr. Hem Swamy.		Sr. Asst. Prof.
14.	Mr. Santosh K		Asst. Professor
15.	Ms. Shwetha K		Asst. Professor
16.	Ms. Surathi		Asst. Professor
17.	Mr. Sooraj Kumar	CV	Asst. Professor
18.	Ms. Rashmi H		Asst. Professor
19.	Ms. Akshatha SP		Asst. Professor
20.	Ms. Aishwarya Laxmi		Asst. Professor
21.	Ms. Akshatha Durgekar		Asst. Professor
22.	Ms. Ashwini Nayak		Asst. Professor
23.	Mr. Adithya B Shenoy.		Asst. Professor
24.	Dr. Pramela Kolake	Maths	Asst. Professor
25.	Dr. G.V. Jashi	MBA	Professor
26.	Dr. Clare Elizabeth Mendonca		Asst. Professor
27.	Mr. Vidyadhara		Lecturer
28.	Mrs. Sumith N	CSE	Asst. Professor
29.	Dr. Jayaram A	PHY	Asst. Professor

4. The IQAC recommended for the promotion of following faculty members based on the eligibility and appraised report.

Sl.No	Name of the Faculty	Dept.	Old	Promoted as
1.	Mr. Mohan Reddy	Chem	Sr. Lecturer	Asst. Professor
2.	Dr. B. Basavaraju	Chem	Professor	Sr. Professor
3.	Mr. Hemant Kumar	CSE	Asst. Professor	Sr. Asst. Professor
4.	Mr. Anish Augustine	ME	Sr. Lecturer	Asst. Professor
5.	Mrs. Nisha Kumari	Maths	Lecturer	Asst. Professor
6.	Ms. Anupama S Jayagondan	maths	Lecturer	Asst. Professor
7.	Ms. Soumya	maths	Lecturer	Asst. Professor
8.	Mr. Vasanth K.R	maths	Lecturer	Asst. Professor

5. The IQAC Committee discussed to review and revise the Institutional and Departmental vision and mission statements to incorporate outcome based education system in view to apply for NBA.

B. Infrastructure:

Internet bandwidth was increased to 100mbps.

C. Academics:

1. Presentation of Odd semester results Academic Year 2016-17 to IQAC

First Year: Chemistry Cycle: 75, Physics Cycle: 49.36.

Department	3 rd Sem	5 th Sem	7 th Sem
CSE	75.73%	95.5%	74%
TSE	84.85%	88.89%	90.32%
ECE	49.52%	79.09%	96%
CV	74.76%	78.82%	96.28%
ME	23.43%	77.47%	84.32%
MBA	I SEM	III SEM	89.10%

2. The Heads of various Department has presented the list of students with shortage of attendance for the ^{EVEN} Odd Semester exam May/Jun 2017.

Sl.No	Name Of Student	USN	Branch	Semester
1.	Anjali Bijori	4AL16IS003	TSE	2 nd Sem
2.	Mahesh	4AL16CV022	CV	
3.	Dwaranampudi	4AL16CV027	CV	
4.	Rakshith	4AL16CV070	CV	
5.	Shreyas	4AL16ME079	ME	
6.	Prashanth Ramappa Pujan	4AL16ME047	ME	4 th Sem
7.	Akshay Kumar K	4AL15ME011	ME	
8.	Anander C Nair.	4AL14ME007	ME	

9.	Thejass M.	4AL16EC412	ECE	
10.	Sharanappa V	4AL16EC411	ECE	4th Sem
11.	Narendran ^{na}	4AL16EC406	ECE	
12.	Muzammil	4AL12CV050	CV	6th Sem
13.	Yograj N R	4AL14ME436	ME	8th Sem
14.	Nagaraja P	4AL15MBA55	MBA	4th Sem

Discussion: Heads of various departments informed the IGAC that, even after reminding telephonically to students as well as for parents about the attendance at the regular interval, the response from student & parent was poor.

3. Discussion of IA Performance for the EVEN Semester of 2016-17.

IA Result Analysis of CSE/ISE Program:

It is observed that - In the subject Microprocessor of 4th semester, GCIV and CN11 of 6th sem and SMS 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. GCIV is a new scheme subject where in lot of new concepts and set of programs are introduced.

SMS as observed one faculty is giving good result than the other. So practices followed by the faculty can be incorporated in his teaching also.

IA Result Analysis of ME Program:

It is observed that - Design of Machine Elements-II of 6th semester and Control Engineering of 8th semester in which students are performed on an average.

Explanation: Design of Machine elements-II and Control Engineering is purely analytical oriented subject, hence students facing issue in follow-up and lack of practice.

Suggestions: It was suggested to improve students learning of about 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 ECE Program:

It is observed that at 4th semester and 8th sem IA performance is satisfactory, where Microprocessor of 6th semester found that majority of students are performed average.

Explanation: Microprocessor deals with the bit level architecture and involves many assembly language programs which makes students difficult to understand.

Suggestion: Conduct extra classes to make students the concepts and programming

IA Result Analysis of CVC Program:

The average marks are noticed in Transportation Engineering and DDRC in 6th semester and ACT and DSS in 8th semester. All these are problematic subjects.

Explanation: Since these are all problematic subjects, it involves the better understanding of the basic concepts of CIVIL Engineering and Mathematics.

Suggestions: The extra classes for mathematics and the Related Civil engineering subject is suggested. The hands-on training and industrial visits will help in better understanding of the subject as well as application of subject knowledge in real time.

4. IGAC Suggested to purchase any software for the Student Management System.

5. Value Added Lab :

a. Innovation & We Lab was started with a motto of generating new ideas, Fund the innovation with the support

of management and to enhance the use of Technology with academics.

b. Envision Lab: A new lab established under the MoU with Oski Labs, Bangalore. The lab is named "Envision Lab". Under this Lab currently 8 embedded system projects viz., Speed Humps Detector, Vehicle Monitoring System, E-Bin, Food Spoilage Detector etc are being carried out.

c. One project namely, "Smart Town Box" has been recognized to be applied for Patenting.

G. Activities done for Slow Learners & Advanced Learners.

The Institute groups the students into Advanced learners & slow learners. Advanced learners generally take up leadership roles such as Class Representative, Forum Coordinator, NCC Coordinator, NSS Coordinator. In addition to this the advanced learners are inducted into EDC initiatives, MoU activities and Project lead.

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.

7. Library:

Sufficient number of books are maintained in the library as per the norms laid by affiliating university / UGC / AICTE. Total 24 subscription for journals is there. Total 08 e-journals/e-resources are available.

D. SDPs / FDPs :

Branch	Name of the Workshop / Seminar	Resource Person	Date
Chem	Intellectual Property Rights, Patent - Importance, Procedure to Apply	Mr. Ajith Kumar Advocate	12 May 2017

E. R & D.:

1. Department of ECE has applied for sanctioning of VTU recognised Research Center under Dr. D.V Manjunatha, HOD of ECE. VIC from VTU visited the campus and were satisfied with the facilities available. Therefore the department is awaiting a sanctioning letter.
2. The following are the Research scholars registered at our institute research Centres.

S.No	Dept.	Name of the Supervisor	Name of the Scholar	Year of Registration
1.	ME	Dr. Sateyanarayana	Mr. Kumar Suresh	2016
2.	ECE	Dr. D.V. Manjunatha	Mr. Veerabhadra - Suresh K.M	2016

3. Funds / Grants Received:

- * Total of 11 Final year projects of academic year 2016-17 were funded by KSCST. with the amount of Rs. 56,000.

4. Student Publication:

There are totally four publications each from both CSE and ECE departments.

5. Faculty Publications:

S.No	Program	Title Of Paper	Name of the Author/s	Name of Journal
1.	CSE	A Holistic approach to influence maximization in social networks : STORIE	Dr. Semitha N	Applied Soft Computing
2.	ME	Welding of Sn & Cu Plots using Controlled Under-water Shock Wave	Dr. Sateyanarayana	Journal of Materials Processing Technology
3.	ME	Microstructural Evolution in WC-Co Cermet reinforced	Mr. Gopal Krishna VS	TOP Science Publishing

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| 4. | ME | Al7075 metal matrix composites by stir casting
Microstructure and Mechanical Properties of Cu-Coated Al2O3 Particulate Reinforced 6061 Al Metal Matrix composite | Mr. Mithun B.R. | Materials & Engineering Materials Today Proceedings |
| 5. | CHM | Mechanical Properties of araca fiber reinforced polypropylene e composite
Effect of chemical treatment by benzene diazonium chloride | Dr. Basava-raju Bennihalli | Journal of King Saud University Engineering Sciences |
| 6. | CHM | A review on natural araca fibre reinforced polymer composite materials. | Dr. Basava-raju Bennihalli | Ciencia & Tecnologia dos materiais |
| 7. | CHM | A study of the effect of chemical treatments on araca fiber reinforced polypropylene e composite Properties | Dr. Basava-raju Bennihalli | Science and Engineering of Composite Materials |
| 8. | MAT | Numerical Investigation of heat and mass transfer in radiative magnetohydrodynamic flow with chemical reaction | Dr. Kishor Kumar NK | International Journal of Advances in Science & Technology (IJAST) |
| 9. | MAT | Combined effect of surface roughness and pressure dependent viscosity over couple stress squeeze film lubrication between circular stepped plates. | Mr. Vasanth K.R. | Proc I Mech E Part J: J Engineering Tribology |
| 10. | PHY | Formation of stable phases | Dr. Kumara | Journal |

		of the Li-Mn Co oxide system at 800°C under ambient oxygen pressure	Swarney S K	Solid State Electrochemistry
11	PHY	Bipyridinium-bis (carboxylate) radical based materials: X-ray EPR and Paramagnetic solid-State NMR investigations.	Dr. Kumara Swarny S K	European Journal of Inorganic Chemistry
12	PHY	Morphology and miscibility of Chitin-polyaniline blend	Dr. A.T Ramaprasad	Current Science.
13	PHY	Synthesis & characterization of polypyrrole grafted Chitin	Dr. A.T Ramaprasad	Journal of Physics & Chemistry of Solids
14	PHY	Synthesis, Crystal structure and Hirshfeld surface analysis of a novel chalcone derivative (2E)-3-(2,3-dimethoxyphenyl)-1-(3-nitrophenyl) prop-2-en-1-one	Dr. Jayarama A.	Chemical Data Collections.
15	PHY	Synthesis, growth, structural characterization, Hirshfeld analysis and nonlinear optical studies of a methyl substituted chalcone	Dr. A Jayarama ma	Journal of Molecular Structure.
16	PHY	Synthesis, single crystal structure & spectroscopic aspects of Chalcone 2(2E)-1-(4-bromobiphenyl)-4-yl-3-(2,3-dimethoxybenzylidene) prop-2-en-1-one	Dr. A. Jayarama	Chemical Data Collections.

F. Industry Institute Interaction:

1. Internship: Two students from CSE, 15 from ECE, 5 from ISE, 16 students from Mechanical Engineering branch have undergone Internship in various Companies to name a few HAL, Oski Labs, BELL, NAL, Oerlikon Fairfield (Mumbai), TCS Solutions, Automation Engineering and Technologies, MCF, Athani Sugars, TAFE etc.
2. EDC: EDC cell activities are listed in below Table
A guest talk on "Entrepreneurship Management Development" on 14 March 2017.
3. Industrial Visit:
 - a. The dept. of CVE had conducted visit to Sunvik Steel Pvt. Ltd and Heidel Berg Cement India Ltd, Tumkur in Feb 2017.
 - b. The dept. of ISE had conducted visit to Infosys Campus Mysore in May 2017.
 - c. The students of ME visited ISRO & HAL, Bangalore in March 2017.
4. MOUs signed in this Year:

Sl.No	Name of the Institution / Industry / Corporate House	Date	Duration
1.	(ISRO) National Remote Sensing Centre (NRSC) Hyderabad	11 Mar 2017	3 Years
2.	Oski Labs, Bangalore	22 March 2017	1 Year
3.	Entrepreneurship Development Institute of India	06 April 2017	5 Years

G. 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.

11. Social Outreach Programs:

1. Alva's Pragati is planned to be conducted on 24 Jun & 25 Jun 2017.
2. Dept. of ISE conducted an Hamza Program, the fund raised of Rs. 20,000 through the activity on 18 Feb 2017 was donated to old Orphanage Campes, Mount Rosary Charitable Institution.
3. Computer Kaliyana - One Day Rural Computer Awareness CAMP, was conducted by Dept. of CSE to educate students at SVPU College from 13 to 15 Feb 2017.
4. IBAC suggested NCC to conduct social awareness activities.

Agenda 04: Presentation of overall Performance of the Institution Academic year 2016-17.

Discussion:

- a. Dattathreya Gujjari, faculty ECE department completed his PhD - Apr 2017.
- b. S. Mohideen Badhuska, faculty of CSE department completed his PhD - May 2017.

Placements:

Total of 52 companies visited AICT Campus in the year 2016-17. Prominent companies visited are IBM Tech Support, SSG Software, Indian Navy, Emphasis, Optimus Electronics Ltd., AutomatiX, Amazon, Cognizant infrastructure services, EY, Unisys, Deloitte and the like. Total of 172 students are placed.

NCC:

Thiruvananthapuram Air Sqn NCC, Mangalore had requested to provide campus to conduct Annual Training Camp in the month of Aug 2017.

Cultural :

The cultural team of 45 members from AIET participated in 17th VTU Youth Festival conducted at SIR MVT, Bangalore from 16 Mar to 19 March 2017, following are prizes won by AIET students:

Sl. No.	Medals	Event.
1.	Gold Medal	Folk Orchestra
2.	Gold Medal	Mime
3.	Silver Medal	Group Song
4.	Silver Medal	On the spot Painting
5.	Bronze Medal	Collage
6.	Bronze Medal	Poster
7.	Gold Medal	Variety Act

Alva's Institute of Engineering & Technology is the First Runner Up at 17th VTU Youth Festival

Sports :

1. AIET. Cross Country team winners in VTU Inter Collegiate Cross Country Championship, held at KIT Tiptur on 3rd to 4th April, 2017.
2. AIET. Kho-Kho (men) team winners in VTU Inter Collegiate Zonal Kho-Kho Championship, held at VCET Puttur on 5th to 6th April, 2017.
3. AIET ball badminton Championship, held at PESCE Mandya and RLJIT Bangalore on 10th to 12th April, 2017.
4. AIET ball badminton (men) team winners in VTU Inter Collegiate Inter Zonal Ball Badminton Championship, held at RLJIT Bangalore on 10th to 12th April, 2017.
5. AIET Kho-Kho (women) team winners in VTU Inter Collegiate Zonal And Inter Zonal Kho-Kho Championship, held at SIT Tumkur on 10th to 12th April 2017.
6. AIET volleyball team winners in VTU Inter Collegiate Volley Ball Championship, held at VCET Puttur and

third place in inter Zonal held at BMSIT Bangalore on 28th March to 2nd April, 2017.

7. AIEY Kabaddi (women) team winners in VTU Inter Collegiate Zonal And Inter Zonal Ball Kabaddi Championship, held at VPS Nippani and Yenepoya in Moodbidri on 19th to 24th April, 2017.

8. Anilkha (II sem/mba) has received the best all rounder award in zonal and inter zonal

9. Sheethal M Nayak (VI sem/ECF) has received the best cricketer award in Zonal and Inter Zonal

10. AIEY Kabaddi (men) team winners in VTU Inter Collegiate Zonal And Winners in Inter ~~Kab~~ Zonal Kabaddi Championship, held Yenepoya, Moodbidri on 24th to 29th April, 2017.

11. Manil U (II sem/Mech) has received the best all rounder award in zonal and inter zonal.

12. Following Students Represented in Inter University Events.

Sl.No.	Name	Event	Host University
1.	Sharath	Cross Country	Rguhs B'lore
2.	Anusha	Cross Country	Rguhs B'lore
3.	Chandini	Cross Country	Rguhs B'lore
4.	Akhila	Cross Country	Rguhs B'lore
5.	Anusha	Kho-Kho	Chettinad Academy of Research & Edu. Kancheepuram Tamil Nadu
6.	Kavya K	Kho-Kho	Chettinad Academy of Research & Edu. Kancheepuram Tamil Nadu
7.	Gaurav Bangia	Kabaddi	Anna University Tamil Nadu

Agenda 05: Approval of Departmental activities to be conducted for the academic year 2016-17 along with the budget.

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

Agenda 06: Any other Discussion with the Permission of Chair:

1. A multi-disciplinary lab has been established in the institute named "Envision Lab" under the MoU with O&E Labs, Bangalore.
2. This lab provides the technical exposure through workshops/Training and support in doing projects and developing the products.
3. IQAC co-ordinator presented the revised policy on student assessment and examination. Along with this the policy on value added courses has also been proposed.

The above policies has been reviewed and approved by all the members.

The meeting is concluded by thanking all.


IQAC Chairman
Chairman
IQAC
AIET, Mijar