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/2018-19/20

23 May 2019

CIRCULAR

Internal Quality Assurance Cell (IQAC) meeting is scheduled on 10 Jun 2019 at 11:00 Am in Board Roam, it is requested for 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 2018-19 to IQAC

iii. Discussion of IA performance for the even semester of 2018-19

iv. Presentation of overall performance of the institution academic year 2018-19

v. Approval of departmental activities to be conducted for the academic year 2019-20 along with the budget.

vi. Any other discussion with the permission of the chair

IQAC Coordinator
Co-ordinator
IQAC
AIET, Mijar

Principal
Chairman
IQAC
AIET, Mijar

Copy to:

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

Ref. No. AIET/IQAC/2018-19/21

10 Jun 2019

MINUTES OF IQAC MEETING

Chairman	Dr. Peter Fernandes		
Coordinator	Prof. Praveen J		
	Name		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	D.V.T
	Prof. Jayanth Kumar Rathod	HOD, ISE	
	Dr. Satyanarayana	HOD, ME	
	Dr. Claret Mendonca	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. Dilip	Physical Director (PD)	
Administrative/ Technical Staff	Mr. Nikhil Alva	Administrative Officer	
	Mr. Shantharam Kamath	Finance Officer	
	Mrs. Sowmya Jain	Office Superintendent	Sowmya.
Students:	Mr. Tejas H	Final year Civil	
	Ms. Brindashree B V	Final year CSE	
Management Representative:	Mr. Vivek Alva	Correspondent	
Alumni:	Mr. Dheeraj Shetty	Dept. of ECE	
	Mr. Chandan Shastri	Dept. of ISE	C.S
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 1: 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.

Sl.No	Recommendation given by IQAC committee	Action taken for Implementation & outcomes.
1.	The suggestions of above auditors should be incorporated by the Dept and they 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 revelant documents is scheduled. The audit is for CSE, ECE and ME Dept. The auditors identified are Dr. G T Raju, Vice president & HOD, CSE, RNSIT, Bangalore Dr Kumarswamy, Professor, ECE, RVCE, Bangalore and Dr. Ganesh Prasad,	The Department specific audit for CSE, ECE & ME was conducted by Dr G T Raju, Vice president & HOD, CSE, RNSIT, Bangalore, Dr. Kumaraswamy, Professor, ECE, RVCE, Bangalore and Dr. Ganesh Prasad, Dean, ME, NHCE, Bangalore.

Dean, ME, NHCE, Bangalore.

Agenda 2:- Discussion on matters related to Management, infrastructure, Academics, SDPs/FDPs, R & D, industry institute interaction, mandatory clubs, social outreach programs of 2018 - 19 even semester.

A. Management :

1. On 26 Feb 2019 the department of CSE & ECE applied for Pre-qualifier and on 07 March 2019 accreditation fees of 10% is paid.

2. On 30 Apr 2019, department of CSE & ECE applied SSR to NBA portal and visit dates of accreditation team is awaiting

3. IQAC suggested to conduct couple of audits before NBA team visits the campus. In this regard, Dr. Guruprasad, Professor, CSE, BMSE, Bangalore is identified as auditor and based on the convenient dates schedule the audit.

4. The following are the faculties selected for the recruitment for academic year 2019-20

Sl.No	Name	Dept	Designation.
1.	Ms. Jaishma kumari	ISE	Asst. Professor
2.	Mr Nithin NV	ISE	Asst. Professor.
3.	Mr. Abhijeeth Bekalkar	MBA	Asst. Professor.
4.	Mr. Mohanraj R	Civil	Asst. Professor.
5.	Mr Ashish shetty	Civil	Asst. Professor.
6.	Ms. Kavyashree S	Civil	Asst. Professor.
7.	Ms. sindhu - rashmi BM	Civil	Asst. Professor.
8.	Ms. kavyashree	Civil	Asst. Professor.

9.	Ms. Tanvi Rai A	civil	Asst. Professor
10.	Ms. Megha M	ECE	Asst. Professor.
11.	Ms. Shadvala K sebastian	ECE	Teaching Assitant.
12.	P Sunetha	English	Asst. Professor.
13.	Ms. Anusha B Rao	civil	Asst. Professor.

B. Infrastructure.

1. Internet facility was enhanced to 400 Mbps BSNL 1:1 JLL

2. solar Panels were installed in kumardhara block and New engineering block for power grid on 08 Feb 2018.

3. A student Management system was purchased from Heragen Technologies (Dhi) was 01 December 2019.

C. Academics.

1. The presentation of odd semester results academic year 2018-19 to IQAC.

First year : Chemistry cycle : 67.78.

Physics cycle : 71.20.

Department	3rd sem	5th sem	7th sem.
CSE	62	63.09	88.67
ISE	80.95	82.68	100
ECE	63.35	89.87	89.42
CV	53.87	62.34	94.08
ME	61.11	71.32	99.25
MBA I SEM	63	III SEM	92

2. Discussion of IA Performance for the even semester 2018-19.

IA Result analysis of CSE / ISE Dept :-

Those students who are lying in the range 47.5% to 60% of the swre should made to take at least first class result. And from 60% to 87.5% have get distinction.

IA Result analysis of Mechanical Engineering Dept :-

It's observed that subject are shown good performances in all subjects.

IA Result Analysis of Electronics and communication Engineering Dept :-

It is observed that - IA results of 4th semester, 6th semester and 8th semester are found to be satisfactory.

IA Result Analysis of civil Engineering Dept :-

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

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 be 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 structures and designs. software training skills are to be developed.

3- 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 learnes 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.

4. Library :-

Sufficient number of books are maintained in the library as per the norms laid by affliating university / UGC / AICTE. Total 24 subscription for journals is there. Total 07 e-journals / e-resources are available.

D. SDPs / FDPs :-

Branch	Name of the workshop/seminar	Resource Person	Date.
CVE	Intellectual property rights	Mr. Janardhan Acharya, infinity PMC Pvt. ltd. consulting Engineer	15 Mar 2019

E. R & D :-

1. The following are the research scholars registered at our institute research centres.

Sl. No	Dept	Name of the supervisor	Name of the scholar	Year of Registration.
1	Chem	Dr. Pavithra G P	Ms. Rashmi D	2018
2	ECE	Dr D V Manjunatha	Mr. Arjun Rao	2018.
3.	ECE	Dr. Aathathreya Gujjar	Mr. Aneesh Jain	2018.
4.	ECE	Dr. Praveen J	Ms. Niju Rajan	2018.

2. Fund / Grants Received :-

A. A fund of Rs 05 Lakhs was funded by Karnataka Science and Technology promotion society (KSTePS), VGST, Govt of Karnataka, to Dr. Roopalakshmi R for the project "Detection of Artifically Ripened Fruits and Quantification of Hazardous chemical.

compounds using spectrometric techniques".

B. A total of 07 final year projects of academic year 2018-19 were funded by KSCST with the amount of Rs 46500.

3. Student Publication :-

The details are as given in the table;

Sl. No	Department	No of students Publication
1.	CSE	52
2.	ISE	10
3.	ECE	14
4.	ME	43

4. Faculty Publication.

Sl. No	Program.	Title of Paper	Name of the author/s	Name of journal.
1.	ECE	Enhancement of power output in passive micro direct methanol fuel cells with optimized methanol concentration and trapezoidal flow channels	Dr D V Manjunotha	Journal of micromechanics and microengineering.
2.	ME	Energy Effective. ness Achieved by Orienting prototype of a Laparoscopic Instrument Handle using PolyJet additive manufacturing technology	Mr. Sreekanth M P	International Journal of Manufacturing Technology and Management.
3.	ME	Multiobjective optimisation and modelling of	Mr. Abhijith S	IEEE international journals.

		surface roughness in Incomel 718 using Taguchi Grey relational analysis and response surface methodology		
4.	ME	Thermal Properties characterization of Glass fiber Hybrid Polymer composite materials	Mr. Pramod V Badyan-kal	inter-national journal of engineering and Tech.
5.	ME	Wear and water absorption behavior of banana and sisal hybrid fiber polymer composites	Mr. Guru-shanth B vaggar	~~technology~~ IEAE (inter national journals (under review)
6.	ME	Development of customized orthosis for congenital deformity using additive manufacturing.	Mr. Sreekanth M P	Rapid prototyping journal
7.	ME	Processing and micro-structural characteristics of cermet reinforced aluminium matrix composite by solidifi-cation process	Mr. Gopal Krishna U B	Transaction of Indian institute of metals (TIIM)
8.	ME	The effect of thermal ageing on solder / sub-straight interfacial micro structures during reflow of Sn-37Pb and Sn-3Ag-5Cu	Dr. Satya-narayan	Transaction of Indian Institute of metals (TIIM) (springer)
9.	ME	Studies on Dry sliding wear characteristics of cermet WC-Co particular Reinforced AL7075 metal matrix composite.	~~Dr. Nagendra~~ & Mr. Gopal Krishna U B	~~Indian Journal of Material Finance~~ Today Proceedings

10.	MBA	"Implications and usefulness of fundamental and technical analysis in stocks market Decision making	Dr. Nagendra S	Indian Journal of Finance.
11.	MBA.	"Impact of Merger on stock market - A study on selected industries"	Dr. Nagendra S	International Journal of Pure and applied mathematics.
12.	CHE.	spectral studies on chemically modified single areca fibre	Dr. Basavaraju Bennehalli	Materials Today: Proceedings.
13.	CHE	Tensile and flexural properties of areca sheath fibers	Dr. Basavaraju Bennehalli	Materials Today: Proceedings.
14.	CHE	A review on the mechanical properties of areca fiber reinforced composites	Dr. Basavaraju Bennehalli	Science and Technology of materials.
15.	MAT	Combined Effect of Piezo viscous dependency and non newtonian couple in Porous squeeze-film circular plate.	Mr. Vasanth K R	Journal of Advanced in fluid mechanics and thermal sciences.
16.	MAT	Combined Effect of Piezo-viscous dependency and non-newtonian couple in porous squeeze-film circular plate	Mr. Vasanth K R	Journal of Advanced research in fluid mechanics and thermal sciences.
17.	MAT	Combined Effect of Piezoviscous dependency and		

17.	MAT	Effect of pressure dependent viscosity on couple stress squeeze film lubrication between porous circular stepped plates	Mr. Vasanth K R	IOP conf. series: Journal of Physics.
18.	PHY	Effect of aluminium doping on photo-luminescence and third-order non linear optical properties of nanostructural cds thin films for photonic device applications	Dr. Jayarama A	~~Journal of micro-mechanics and micro engineering~~ Physica B: condensed matter
19.	PHY	Enhancement of power output in passive micro direct methanol fuel cells with optimized methanol concentration and trapezoidal flow channels	Dr. Jayarama A	Journal of micromechanics and micro-engineering
20.	PHY	Investigation of third-order nonlinear optical properties of nanostructured Ni doped cds thin films under continuous wave laser illumination	Dr. Jayarama A	Journal of material science: materials in electronics.
21.	PHY.	Low frequency	Dr. Jaya-	Smart materials.

		piezoelectric P(VDF-TrFE) micro cantilever with a novel MEMS process for vibration sensor and energy harvester applications.	rama A.	and structures.
22	PHY	Novel begufuran based chalcone material for potential non linear optical application	Dr. Jaya rama A	Physics B: condensed matter.
23	PHY	Piezoelectric P(VDF-TrFE) micro cantilevers and beams for low frequency vibration sensors and energy harvesters	Dr. Jaya rama A	sensors and actuators A: Physical.
24.	PHY	Second and third order nonlinear optical studies of a novel thiophene substituted chalcone derivative	Dr. Jaya rama A	Physics B: condensed matter.

F. Industry Institute Interaction :

1. MoU's signed in this year :

Sl. No	Name of the institution/ industry/corporate house	Date	Duration
1.	Defence institute of advanced technology, Pune	23 Jan 2019	1 years.
2.	JV Global	01 Feb 2019	6 months.
3.	Millionminds	28 Feb 2019	3 years
4.	Qspiders	03 Mar	3 years

		2019.	
5.	Agrima Roof and Facade Systems, Bangalore	14 Mar 2019	3 years.
6.	EY Global Delivery services india LLP	04 Apr 2019	3 years.

2. Industrial visit:

A. The student of CSE dept. visited to varahi Hydro power project in mar 2019.

B. The students of ISE dept. visited to wipro ltd. cochin in mar 2019 & kaiga power plant in apr 2019.

C. The students of MBA visited central plantation & corps research institute, Kasargod in May 2019.

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

H. Social outreach programs:

1. Alva's pragati is planned to be conducted 21 Jun & 22 Jun 2019.

2. The cadets of Air wing NCC conducted awareness on forest conversation on 17 Mar 2019, water conservation awareness at yadapady on 24 mar 2019, Health awareness program on 07 apr 2019.

3. Hamsa: A charity event was conducted by Dept. of ISE on 16 Mar & 17 mar 2019, the raised amount of Rs 50,000 was donated to CRPF fund.

Agenda 3: Presentation of overall performance of the institution academic year 2018-19.

Placements:

Around 50 companies visited AIET campus in the year 2018-19. Prominent companies visited are EY, Indian Navy, IBM, Maventic, Waltech, Wipro, Mind tree, Jaro Education, Bajaj Alliances, Oracle, Ninja cart, Amazon, heralzen technologies, Aris Global, Kaynes Technologies, Thomas reuters, cognizant and the like. Total of 337 students are placed.

NCC:

1. Two cadet attended mountaineering camp at Darjeeling from 01 marc to 29 mar 2019 (cdt Keerthinath, Dept of ME & cdt vikas, Dept of CSE)

2. The air wing NCC organized an orientation programme on career in defense services on 29 Jan 2019 and orientation progrom on career in "Indian Coast Gaurd Services." on 15 Feb 2019.

Cultural:

The cultural team of 45 members from AIET participated in 18th VTU youth festival conducted at Angadi collegs, Belagavi, from 11 april to 13 april 2018, following are prizes won by AIET students:

Sl. No	Medals	Event.
1.	Gold Medal	Folk orchestra, VTU youth festival, Angadi college belagavi
2.	Gold medal	Mime, Vtu youth festival, Angadi college belagavi
3.	Gold medal	Skit, VTU youth festival, Angadi College Belagavi
4.	Gold medal	One act play, VTU youth festival, Angadi college, Belagavi

5.	Bronze Medal	collage, VTU youth festival, Angadi college belagavi
6.	Silver medal	installation, VTU youth festival, angadi college belagavi

Alva's institute of engineering & technology is champions at 18th VTU youth festival.

Sports:

1. AIET Cross country men team prize winners in VTU inter collegiate inter zonal cross country championship, held at AITM college Bhatkal, on 26th to 27th Feb 2019

2. AIET Cross country women team prize runners in VTU inter collegiate inter zonal cross country championship held at AITM college Bhatkal. on 26th to 27th Feb 2019.

3. AIET Kho-Kho men team prize winners in VTU inter collegiate mangalore zonal Kho-Kho Championship, held at ~~RLJIT Doddaballapur, on 25th & 27th April 2019~~. VCET college Puttur. on 2nd march 2019.

4. AIET Ball Badminton men team prize winners in VTU inter collegiate inter zonal ball badminton championship held at RLJIT Doddaballapur. on 25th & 27th April 2019.

5. AIET Ball Badminton women team prize winners in VTU inter collegiate inter zonal ball badminton championship, held at RLJIT Doddaballapur. on 25th & 27th April 2019.

6. Inter University Represents students 2018-2019

Sl.No	Name	Event	Class/sem
1.	Nareen Gowda	Athletics	I year MBA.
2.	Simona Mascarenhas	Kho-Kho	II year MBA
3.	Simona Mascarenhas	Cross Country	II year MBA.

4.	Simona Mascarenhas	Athletics	II year MBA
5.	Ravi Math	Athletics	II year BE
6.	Laxmi Basavaraj Onkar	Handball	II year MBA.
7.	Rashmi K B	Kabaddi	III year BE
8.	Neha S G	Kho-Kho	II year BE
9.	Nagashree D	Kho-Kho	III year BE
10.	Rishab R Rao	Power lifting	II year BE
11.	Sumanth N S	Volleyball	IV year BE
12.	Rajath Rai	Volleyball	II year BE
13.	Prakyath Shetty N	weight lifting	I year MBA
14.	Sujan Shekhar H S	Cross country	II year BE
15.	Naveen Gowda	Cross country	II year MBA
16.	Sujan Shekhar H S	Athletics	II year BE
17.	Chinmay Ganesh	Athletics	II year BE.

Agenda 4: Approval of departmental activities to be conducted for the academic year 2019-20 along with the budget.

Resolutions: The program/club wise activity list with budget, submitted by respective HODs (annexure I) and club coordinators is presented to IQAC and approval was taken.

Agenda 5: Any other discussion with the permission of the chair.

1. The IQAC committee has approved a strategic perspective plan presented by various departments, clubs and committes for academic year 2019-20.
2. The IQAC co-ordinator has presented the revised policy on mentoring named as Margadarshi. The IQAC members have reviewed the policy and approved the same.

The meeting is concluded by thanking all

IQAC Chairman.

Chairman
IQAC
AIET, Mijar