



6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Aditya College of Engineering established IQAC on 9th June 2016 in order to increase the involvement of faculty in such activities. IQAC works effectively towards quality achievement, enhancement and sustenance by establishing all procedures in curricular aspects, teaching-learning processes, research activities, learning resources, student support services and progression, governance, leadership and management activities etc. and ensures the implementation, review and evaluation of all the policies, procedures and contributes significantly

Hereunder given IQAC minutes of meeting, various quality initiative contributions during year are attached.

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**IQAC constitution and Minutes for the
AY: 2021- 22**



ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

Ref: ACOE/IQAC/2021-22/Constitution

CIRCULAR

11-08-2021

The undersigned is pleased to constitute the Internal Quality Assurance Cell (IQAC) with the following members:

S. No.	Name of the person	Designation	Role
1	Dr A. Ramesh	Principal	Chairman
3	Dr N. Satish Reddy	Vice Chairman	Management Member
4	Dr M. Srinivasa Reddy	Educationist	Member
5	Dr Pullela S.V.V.S. R. Kumar	Dean (A & A)	Member
6	Dr G. Rama Krishna	HoD-ECE	Member
7	Prof. K. Manoj Kumar Reddy	HoD-EEE	Member
8	Dr Y.K.S. Subba Rao	HoD-ME	Member
9	Prof. Ch. Naresh	HoD-CE	Member
10	Dr G.S.N. Murthy	HoD-CSE	Member
11	Dr V. Anil Kumar	HoD-PT	Member
12	Prof. N. Punnapu Chandrudu	HoD-Management Studies (MBA)	Member
13	Prof. M. Srinivasu	HoD-H&BS	Member
15	Sri T. Veeraaju	Associate Professor-CSE	Senior staff Member
16	Sri Kunche Raja	Sarpanch/Secretary-Gandepalli Panchayat	Local Community Member
17	Sri Karri Rama Reddy	General Manager, Vinayaka Boards, Peddapuram	Industry Member
18	Smt. Pilli Sumalatha	Asst. Manager, Poornima Textiles, Peddapuram	Industry Nominee
19	Sri Bh. Vara Prasad	--	Parent Member
20	Ms. Ch. V. Ch. S. Sahiti	IV year B. Tech. (CSE)	Student Member
21	Mr K. Vivek Santhosh	III year B. Tech. (ECE)	Student Member
22	Mr P. Aditya Sashank	Alumni	Member
23	Dr DVSSSV Prasad	Professor-ME	Coordinator

Functions of the committee:

- 1) Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution.
- 2) Facilitate the creation of a learner-centric environment conducive to quality education and faculty members to adopt the required knowledge and technology for the participatory teaching and learning process.

- 3) Arrangement for feedback response from students, parents and other stakeholders on quality-related processes of institution.
- 4) Dissemination of information on various quality parameters of higher education.
- 5) Organize inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- 6) Documentation of the various programmes/activities leading to quality improvement.
- 7) Act as nodal agency of the institution for coordinating quality-related activities including adoption and dissemination of best practices.
- 8) Development and maintenance of institutional database through MIS for the purpose of maintain/enhance the institutional quality.
- 9) Development of quality culture in the institution.
- 10) Preparation of the Annual Quality Assurance Report (AQAR) as per the guidelines and parameters of NAAC and to be submitted to NAAC.

Cc to: All the members of IQAC


PRINCIPAL
Aditya College of Engineering
SURAMPALEM - 533 437



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Ref: ACOE/IQAC/2021-22/1/Circular

CIRCULAR

11.08.2021

This is to inform all the members of IQAC that a meeting will be held on 16th August 2021 at 10.30 AM in the Principal's chamber, Ramanujan Bhavan with the following agenda:

AGENDA

- 1) Review of agenda points discussed in previous meetings
- 2) Review of pandemic situation
- 3) Review of academic calendars issued by JNTUK and class work
- 4) Review of seminars/workshops/certificate courses/internships/industrial visits
- 5) Courses from T-Hub
- 6) Requirement of faculty and facilities based on new regulations
- 7) Proposal to apply for NBA accreditation
- 8) Organize meetings with stakeholders either online or offline as per convenience
- 9) Ratification of faculty members at JNTUK
- 10) Preparation of AQAR 2020-21
- 11) Any other point

The members are requested to come prepared with relevant data.

Cc to: All members of IQAC

PRINCIPAL
PRINCIPAL

Aditya College of Engineering
SURAMPALAM - 533 437



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Ref: ACOE/IQAC/2021-22/1/Minutes

MINUTES OF IQAC AY 2021-22

16.08.2021

Date of meeting	16 th August 2021	Duration	10.30 AM to 11.30 PM
Venue	Principal's chamber, Ramanujan Bhavan		
Reference	ACOE/IQAC/2021-22/1/Circular dated 11 th August 2021		

The meeting of IQAC of Aditya College of Engineering held on 16th August 2021 with the following agenda:

- 1) Review of agenda points discussed in previous meetings
- 2) Review of pandemic situation
- 3) Review of academic calendars issued by JNTUK and class work
- 4) Review of seminars/workshops/certificate courses/internships/industrial visits
- 5) Courses from T-Hub
- 6) Requirement of faculty and facilities based on new regulations
- 7) Proposal to apply for NBA accreditation
- 8) Organize meetings with stakeholders either online or offline as per convenience
- 9) Ratification of faculty members at JNTUK
- 10) Preparation of AQAR 2020-21
- 11) Any other point

The meeting of IQAC was commenced with the welcome note by the Coordinator-IQAC. The Coordinator presented the agenda and requested the Chairman-IQAC to start the meeting based on the points of agenda for discussion and the resolutions made are presented here.

The Chairman-IQAC welcomed all the members to the meeting and discussed the points of the agenda.

MINUTES AND RESOLUTIONS

- 1) The Chairman reviewed the point of agenda discussed in previous meetings.
- 2) The Chairman reviewed the pandemic situation and advised all the members to take every care of them and their family members and reiterated that proper measures are to be implemented within the class rooms, laboratories etc.

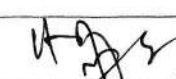
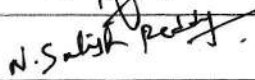
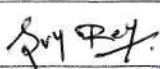
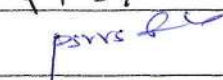
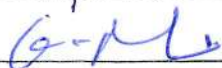
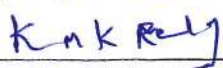
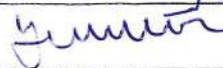

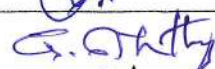
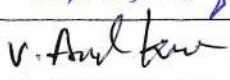
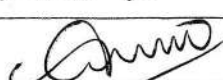
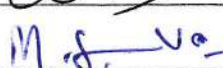

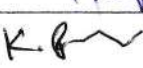
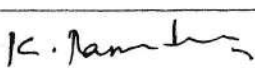
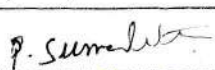
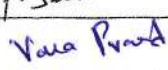
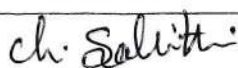
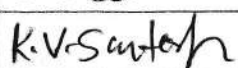

- 3) The members reviewed the academic calendars issued by affiliating university, JNTUK and discussed thoroughly the same and about the commencement of class work.
- 4) Heads of the departments submitted the details of seminars/workshops/certificate courses/internships/industrial visits conducted/organized for the AY 2020-21. The Chairman advised to follow the same trend in organizing various activities and the members resolved the same.
The Chairman further advised to identify the gaps in the curriculum and organize seminars/workshops/guest lectures to fill those gaps along with IPR and gender sensitization programmes etc.
- 5) Members discussed about the course offered by T-Hub during AY 2020-21 and submitted that T-Hub conducted the training programmes/courses online during pandemic situation to all the students successfully. Chairman advised the members to organize training programmes offline/online for the students and the members resolved the same.
- 6) The Chairman reviewed the current scenario of faculty strength and facilities in the college and advised the heads of the departments to submit the information and requirements soon.
- 7) The Chairman notified that our college should apply for NBA accreditation and pre-qualifier format was distributed to all the heads of the departments and enquired about the pre-qualifier filled-in formats and eligibility. Chairman reviewed the pre-qualifier formats department wise and thoroughly discussed about the eligibility.
Depending on the eligibility conditions, it was decided that CSE, ECE, EEE and ME departments are eligible for NBA accreditation and NBA related work shall be initiated immediately. The Chairman of the committee approved and all the members resolved the same.
- 8) The Chairman enquired about the meetings of stakeholders for this year and advised to conduct either offline or online and it is resolved to conduct as per convenience.
- 9) Coordinator-IQAC submitted that our college should apply for ratification of faculty members which is also part of quality sustenance. The Chairman accepted the proposal and advised to check with the University and apply whenever the University issues the notification and resolved the same.
- 10) The Chairman enquired and discussed about the AQAR 2020-21 which is to be submitted to NAAC and advised to collect the data and arrange it in the format of AQAR soon and it is resolved to collect and prepare AQAR 2020-21.
- 11) No other point to discuss.

The Chairman advised all the members to focus on academic matters both theory and laboratory sessions and obtain best results by giving proper inputs to students and further added counselling/proctoring should be carried out periodically to improve further.

Finally, the Coordinator and the Chairman thanked all the members present.

The meeting was concluded with thanks to the Chair.

Members present in the meeting held on 16.08.2021

S. No.	Name of the person	Role	Signature
1	Dr A. Ramesh	Chairman	
3	Dr N. Satish Reddy	Management Member	
4	Dr M. Srinivasa Reddy	Member	
5	Dr Pullela S.V.V.S. R. Kumar	Member	
6	Dr G. Rama Krishna	Member	
7	Prof. K. Manoj Kumar Reddy	Member	
8	Dr Y.K.S. Subba Rao	Member	
9	Prof. Ch. Naresh	Member	
10	Dr G.S.N. Murthy	Member	
11	Dr V. Anil Kumar	Member	
12	Prof. N. Punnapu Chandrudu	Member	
13	Prof. M. Srinivasu	Member	
15	Sri T. Veeraaju	Senior staff Member	
16	Sri Kunche Raja	Local Community Member	
17	Sri Karri Rama Reddy	Industry Member	
18	Smt. Pilli Sumalatha	Industry Nominee	
19	Sri Bh. Vara Prasad	Parent Member	
20	Ms. Ch. V. Ch. S. Sahiti	Student Member	
21	Mr K. Vivek Santhosh	Student Member	
22	Mr P. Aditya Sashank	Member	
23	Dr DVSSSV Prasad	Coordinator	



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Ref: ACOE/IQAC/2021-22/2/Circular

CIRCULAR

03.01.2022

This is to inform all the members of IQAC that a meeting will be held on 06th January 2022 at 10.30 AM in the Principal's chamber, Ramanujan Bhavan with the following agenda:

AGENDA

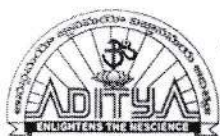
- 1) Review of agenda points discussed in previous meetings.
- 2) Review of academic calendars, class work and examinations.
- 3) Review of results.
- 4) Review and the status of NBA work.
- 5) Status of AQAR 2020-21.
- 6) Any other point.

The members are requested to come prepared with relevant data.

Cc to: All members of IQAC

PRINCIPAL

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SURAMPALEM - 533 437



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Ref: ACOE/IQAC/2021-22/2/Minutes

MINUTES OF IQAC AY 2021-22

06.01.2022

Date of meeting	06 th January 2022	Duration	10.30 AM to 11.30 PM
Venue	Principal's chamber, Ramanujan Bhavan		
Reference	ACOE/IQAC/2021-22/2/Circular dated 03.01.2022		

The meeting of IQAC of Aditya College of Engineering held on 06th January 2022 with the following agenda:

- 1) Review of agenda points discussed in previous meetings. -
- 2) Review of academic calendars, class work and examinations.
- 3) Review of results.
- 4) Review and the status of NBA work.
- 5) Status of AQAR 2020-21.
- 6) Any other point.

The meeting of IQAC was commenced with the welcome note and started the meeting based on the points of agenda for discussion and the resolutions made are presented here.

The Chairman-IQAC welcomed all the members to the meeting and discussed the points of the agenda.

MINUTES AND RESOLUTIONS

- 1) The Chairman reviewed the point of agenda discussed in previous meetings and noted the points.
- 2) Members reviewed the academic calendars issued by JNTUK. The consolidated statement is presented here.

The members opined that 3rd and 4th Year UG programmes are having the same dates but 2nd year and 1st year dates of academic calendar are differed. The Chairman discussed the same

and advised the members that there may be further changes in the calendar, therefore, follow the dates as mentioned and all the members resolved the same.

ACADEMIC CALENDAR - 2021-22

I B.Tech. - I Semester (21 Batch)

Description	From	To
Commencement of Class Work		22.11.2021
Induction Classes	22.11.2021	27.11.2021
I Unit of Instruction	29.11.2021	15.01.2022
I Mid Examinations	17.01.2022	22.01.2022
II Unit of Instructions	24.01.2022	12.03.2022
II Mid Examinations	14.03.2022	19.03.2022
Preparation & Practical	21.03.2022	26.03.2022
End Examinations	28.03.2022	09.04.2022
Commencement of II Sem Class Work		11.04.2022

I B.Tech. - II Semester (21 Batch)

Description	From	To
I Unit of Instructions	11.04.2022	28.05.2022
I Mid Examinations	30.05.2022	04.06.2022
II Unit of Instructions	06.06.2022	23.07.2022
II Mid Examinations	25.07.2022	30.07.2022
Preparation & Practical	01.08.2022	06.08.2022
End Examinations	08.08.2022	20.08.2022
Commencement of next Year Class Work: 22-08-2022		

II B.Tech. - I Semester (20 Batch)

Description	From	To
Commencement of Class Work		01.10.2021
I Unit of Instruction	01.10.2021	20.11.2021
I Mid Examinations	22.11.2021	27.11.2021
II Unit of Instructions	29.11.2021	05.02.2022
II Mid & Practicals	07.02.2022	12.02.2022
End Examinations	14.02.2022	26.02.2022
Commencement of II Semester Class Work		28.02.2022

II B.Tech. - II Semester (20 Batch)

Description	From	To
I Unit of Instructions	28.02.2022	23.04.2022
I Mid Examinations	18.04.2022	23.04.2022
II Unit of Instructions	25.04.2022	18.06.2022
II Mid Examinations	13.06.2022	18.06.2022
Preparation & Practical	20.06.2022	25.06.2022
End Examinations	27.06.2022	09.07.2022
Commencement of next Year Class Work - 11-07-2022		

III B.Tech. - I Semester (19 Batch)

Description	From	To
Commencement of Class Work		01.10.2021
I Unit of Instruction	01.10.2021	20.11.2021
I Mid Examinations	22.11.2021	27.11.2021
II Unit of Instructions	29.11.2021	15.01.2022
II Mid Examinations	17.01.2022	22.01.2022
Preparation & Practical	24.01.2022	29.01.2022
End Examinations	31.01.2022	12.02.2022
Commencement of II Semester Class Work		14.02.2022

III B.Tech. - II Semester (19 Batch)

Description	From	To
I Unit of Instructions	14.02.2022	02.04.2022
I Mid Examinations	04.04.2022	09.04.2022
II Unit of Instructions	11.04.2022	28.05.2022
II Mid Examinations	30.05.2022	04.06.2022
Preparation & Practical	06.06.2022	11.06.2022
End Examinations	13.06.2022	25.06.2022
Commencement of next Year Class Work		

IV B.Tech. - I Semester (18 Batch)

Description	From	To
Commencement of Class Work		01.10.2021
I Unit of Instruction	01.10.2021	20.11.2021
I Mid Examinations	22.11.2021	27.11.2021
II Unit of Instructions	29.11.2021	15.01.2022
II Mid Examinations	17.01.2022	22.01.2022
Preparation & Practical	24.01.2022	29.01.2022
End Examinations	31.01.2022	12.02.2022
Commencement of II Semester Class Work		14.02.2022

IV B.Tech. - II Semester (18 Batch)

Description	From	To
I Unit of Instructions	14.02.2022	02.04.2022
I Mid Examinations	04.04.2022	09.04.2022
II Unit of Instructions	11.04.2022	28.05.2022
II Mid Examinations	30.05.2022	04.06.2022
Preparation & Practical	06.06.2022	11.06.2022
End Examinations	13.06.2022	25.06.2022

- 3) The Chairman enquired about the results and heads of the departments submitted that results are to be declared by the University and they are expected soon.
- 4) The Chairman reviewed the status of NBA work with heads of the departments. Heads of the departments of CSE, ECE, EEE and ME presented the status that more than 90% work is

completed and the attainments of few courses is pending and further, the data of all metrics in the criteria is to be validated.

The Chairman advised the members to complete the NBA work soon and upload the contents to NBA website and further said that separate meetings will be organized with regard to NBA.

- 5) The Chairman enquired about the status of AQAR 2020-21 and the deadline for submission. Coordinator-IQAC submitted that the data is being collected by the criteria coordinators and the same is to be validated and the date of submission is extended to 31st March. All the members resolved that the AQAR is to be submitted soon and focus on NBA work.

- 6) No other point to discuss.

The Chairman advised all the members to focus on academic matters both theory and laboratory sessions and obtain best results by giving proper inputs to students and further added counselling/proctoring should be carried out periodically to improve further.

Finally, the Coordinator and the Chairman thanked all the members present and appreciated their effort and commitment exhibited towards accreditation process and anticipated the same in future also.

The meeting was concluded with thanks to the Chair.

Members present in the meeting held on 06.01.2022

S. No.	Name of the person	Role	Signature
1	Dr A. Ramesh	Chairman	A. Ramesh
3	Dr N. Satish Reddy	Management Member	N. Satish Reddy
4	Dr M. Srinivasa Reddy	Member	M. Srinivasa Reddy
5	Dr Pullela S.V.V.S. R. Kumar	Member	P. Srinivas Reddy
6	Dr G. Rama Krishna	Member	G. Rama Krishna
7	Prof. K. Manoj Kumar Reddy	Member	K. Manoj Kumar Reddy
8	Dr Y.K.S. Subba Rao	Member	Y. K. S. Subba Rao
9	Prof. Ch. Naresh	Member	Ch. Naresh
10	Dr G.S.N. Murthy	Member	G. S. N. Murthy
11	Dr V. Anil Kumar	Member	V. Anil Kumar
12	Prof. N. Punnapu Chandrudu	Member	N. Punnapu Chandrudu
13	Prof. M. Srinivasu	Member	M. Srinivasu
15	Sri T. Veeraaju	Senior staff Member	T. Veeraaju
16	Sri Kunche Raja	Local Community Member	K. Raja
17	Sri Karri Rama Reddy	Industry Member	K. Rama Reddy
18	Smt. Pilli Sumalatha	Industry Nominee	P. Sumalatha
19	Sri Bh. Vara Prasad	Parent Member	B. Vara Prasad
20	Ms. Ch. V. Ch. S. Sahiti	Student Member	Ch. Sahiti
21	Mr K. Vivek Santhosh	Student Member	K. V. Santhosh
22	Mr P. Aditya Sashank	Member	
23	Dr DVSSSV Prasad	Coordinator	D. V. S. S. V. Prasad

IQAC contribution and Implementations



IQAC quality Initiatives, Strategies and Implementations

In pursuance of the action plan for performance evaluation assessment and accreditation and quality up gradation of institutions established internal Quality Assurance Cell (IQAC) on 09-06-2016 with an aim to check and improve the quality in the system. IQAC is constituted with all the stakeholders include Students, Alumni, HoDs, Senior Staff Members from both teaching and non- teaching, Management members, members from industry and their nominee, local community. IQAC has been the driving force in all the activities of the Institute

IQAC works effectively towards quality achievement, enhancement and sustenance by establishing all procedures in curricular aspects, teaching-learning processes, research activities, learning resources, student support services and progression, governance, leadership and management activities etc. and ensures the implementation, review and evaluation of all the policies, procedures and contributes significantly

IQAC Objectives:

- Develop and maintain consistent system
- Improve academic performance
- Improve administrative performance
- Create quality conscious internally
- Work to remove deficiencies
- Utilize full potential to improve quality
- Channelize efforts towards excellence

IQAC Quality Initiatives:

- To conduct orientation programme for the first year students
- Signing of MOAs/MOUs with Industries/NGOs/Research Institutions
- To participate in NIRF Ranking
- To establish Centre of Excellences in various departments
- To organize Workshops/Guest Lectures/FDPs/Conferences/Sports Activities
- Technical Skill Trainings to Students for Placements
- To implement Mentor Mentee System

- To conduct SWAYAM/MOOCs workshop on how to create ICT lectures
- To conduct soft skill training for UG Students
- To conduct gender sensitization to all the faculty and students
- Signing of MOAs/MOUs with Industries/NGOs/Research Institutions
- Laboratory equipment and library procurements
- Preparation of research project proposals & writing scientific/research articles
- Review of result analysis of first semester
- Internships for pre-final year students
- Placement for the pre-final year students and higher education
- Start-ups and Incubation centers to all the UG Students
- Redressal of grievances received by stake holders
- To take the Performance Appraisals of Teaching and Non-Teaching Members
- Preparation of annual report and conduct of Academic Administrative Audit

IQAC Strategies:

- Ensure quality enhancement and sustenance
- Ensure progressive performance of academic, administrative and financial tasks
- Integrate modern methods in pedagogy
- Ensure effective support services
- Ensure transparent evaluation system
- Encourage research activities
- Establish connectivity with premier institutes and industry in India and abroad

IQAC Implementations:

IQAC periodically collects reports from various departments/units holding several discussions with the concerned authorities for preparing AQAR on various criteria of the Teaching-Learning Process. In order to review the teaching-learning process, IQAC verifies some contextual review items periodically to ensure the quality of various academic aspects. The nature of the data collection by IQAC from various institutional departments/units for review is outlined below:

The following reports/information/data items are collected from the each department:

- Course files containing lesson plans in alignment with the Academic Calendar, Time Table,
- Availability of learning resources are collected at the beginning of the semester.
- Syllabus coverage, availability of course materials, number of conducted classes, attendance
- Reports, course assignments, and the respective student performance reports are collected.

- Reports regarding slow-learner and advanced learner are collected for active measures.
- Reports on extracurricular events conducted by the departments and the achievements of the students are also collected.
- Reports on CO, PO & PSO attainment are collected and analyzed.
- CO mapped question papers
- Results of the students at the end of the semester.

Training & Placement (T & P):

The following are collected from T & P cell at the end of the academic session.

- Consolidated report on placement records.
- Report on special training programs for the students conducted by T & P cell.
- Feedbacks of employers.

Research & Development (R & D):

- Reports on R & D activities (publications, patents, funded projects, collaborations, etc.) are collected.


Alumni Association:

- Feedback on the teaching-learning process is collected from Alumni.
- Activity reports of Alumni interactions.

Annual Report and Academic and Administrative Audit:

- IQAC conducts year based Academic and Administrative audits at department level
- On the data collected from various departments/units. Subsequently, the IQAC analyses Academic and Administrative audits report for necessary action.
- Prepared Annual report of the institution.




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