

An Autonomous Institution

(Accredited by NAAC, Approved by AICTE New Delhi & Permanently Affiliated to JNTUH)
Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

Internal Quality Assurance Cell (IQAC) Minutes

11th IQAC Meeting held on 08th June 2022





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11th IQAC on 08th June 2022 at 02:00 PM

Members Present

S. No	Name	Position
1	Dr. E. Saibaba Reddy	Chairman
2	Dr.A.Padmaja	Co-Chairperson
3	Dr. P. Venugopal Reddy	Member
4	Dr. P.Sarah	Coordinator IQAC
5	Dr. G.Sreeram Reddy	Member from Teacher
6	Dr. A. Srujana	Member from Teacher
7	Dr. K. Vasanth	Member from Teacher
8	Dr. D. Aruna Kumari	Member from Teacher
9	Mr. B. Srinivasulu	Member from Teacher
10	Dr. A. Obulesh	Member from Teacher
11	Dr. P. Chakradhar	Member from Teacher
12	Dr. K. Laxminarayana	Member from Teacher
13	Dr. M. Rajendraprasad	Member from Teacher
14	Dr. V.V.S. Satyanarayana	Member from Teacher
15	Mr. R. Venkata Chalam	Member
16	Ms. G.Srilatha	Member
17	Mr. Shubhajit Jagadev	Member from Industry
18	Mr. P. Nirdosh Reddy	Member from Parent
19	Mr. E. Sathish Reddy*	Member from Alumni
20	Aditya Komaravotu	Member from Student
21	Mr. Ashish Rajan Kurnar	Member from Student

Leave of absence: Dr. P. Rajeshwar Reddy, Member from Management

Ms. S. Neelima, Member from Management Dr. Pallavi Badry, Member from Teacher Mr. Suresh Kuppu, Member from local Society

* Attended online



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Agenda for the 11th IQAC Present on 08th June 2022

ITEM	Agenda Point
Item No. 1	Presentation by IQAC coordinator / Action taken report on minutes of 10 th IQAC meeting.
Item No. 2	To Finalize AQAR 20-21 - all criteria formats including proofs.
Item No. 3	To fix the dates of BOS meeting for all programs.
Item No. 4	To discuss the Curricular Aspects of the Academic programs in introducing Specialization courses for minor or honours degree.
Item No. 5	To discuss the initiatives taken to promote Research, consultancy and entrepreneurship climate in the Institution.
Item No. 6	To plan action for all criterion based on the comments of the NAAC, peer team committee.
Item No. 7	To deliberate on the suggestions of the NBA expert team members during the exit meeting held on 27 th February 2022.
Item No. 8	To discuss the action taken by the departments on suggestions of expert team members.
Item No. 9	To discuss strategies for implementing future plans of action for the year 2022-23
Item No. 10	IQAC Initiatives a) To conduct an FDP on NEP-2020 during 17-18 June 2022. b) To organize a lecture on Gender equity in July-August 2022.
Item No. 11	Issues open for discussion a. Internal Academic Audit b. Green and Energy Audit c. Conduct of FDPs/ seminars/Workshops d. Standardization of formats such as BoS minutes
Item No. 12	Academic Maintenance, IT infrastructure maintenance
Item No 13:	PO target level of the departments



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Item No. 14	Vision and Mission statements
Item No. 15	Any other matter with the permission of the Chair.



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Minutes of the 11th IQAC meeting held on 08th June 2022

The Chairman of the committee, Dr E. Saibaba Reddy, welcomed Dr P.Sarah, the IQAC, Coordinator and the new IQAC members of the reconstituted committee dated 25-05-2022. He thanked Dr. V.V.S. Satyanarayana, the former IQAC, Coordinator, for his services. Dr P. Sarah, who took charge as IQAC, Coordinator, thanked the management and administration for the opportunity to be the IQAC, Coordinator.

Item No 1: Actions taken on minutes of the 10th IQAC meeting held on 21st December 2021.

The IQAC coordinator presented the action taken report of the 10th IQAC meeting (Annexure - I). The members approved the Action taken Report.

She appraised the committee about the programs offered in VJIT at present.

S.No	Program	Name
1	B. Tech.	Civil Engineering
2	B. Tech.	Electrical & Electronics Engineering
3	B. Tech.	Mechanical Engineering
4	B. Tech.	Electronics & Communication Engineering
5	B. Tech.	Computer Science & Engineering
6	B. Tech.	Information Technology
7	B. Tech.	CSE (Data Science)
8	B. Tech.	Artificial Intelligence
9	M. Tech.	Computer Science Engineering
10	M. Tech.	Embedded Systems
11	M. Tech.	CAD/CAM
12	M. Tech.	VLSI System Design
13	M. Tech.	Structural Engineering
14	M. Tech.	Electrical Power Systems
15	MBA	Master of Business Administration

Item No 2: To Finalize AQAR 2020-21 - all criteria formats including proofs.

The IQAC Coordinator informed that the criterion in-charges had submitted the details and proofs pertaining to AQAR 2020-21. The documents will be uploaded in the NAAC portal after careful verification. She informed the committee that the last date for submission is extended to 31-07-2022.



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Item No 3: To fix the dates of BOS meeting for all programs.

It is resolved to convene BOS meetings of various departments during the months of June-July 2022. The members noted the need for additional learning leading to Minor / Honours in engineering degree conferment. The curriculum for the batches admitted in 2021 will have provision for Minor and Honours degrees.

Item No 4: To discuss the Curricular Aspects of the Academic programs in introducing Specialization courses for a major or minor degree.

Dr Sarah presented the details regarding Minor and honours degrees.

	Minors	Honours	
Number of credits	18	20	
Eligibility	Minimum CGPA = 7.5 No Backlogs		
Period of completion	During III and IV year degree program		

The IQAC Coordinator appraised the committee regarding proposals of Head of departments for Minor/Honours degree of the various programs.

Program	Minors	Honours
Civil Engineering	Planning & Construction	Structural Engineering
Electrical & Electronics Engineering	 Electrical vehicles Sustainable Energy	Power Systems
Mechanical Engineering	• Robotics	CAD-CAM
Electronics & Communication Engineering	• IOT	ECE
Computer Science & Engineering	Data Science	
Information Technology	Computer Science Engineering	Big Data Analytics
Artificial Intelligence	Al Machine Learning	
MBA	Innovation & Business Management	_



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Mr Srinivas, HoD, IT, requested for change in the course structure, suggesting a uniform structure e.g. 5 theory and 2 Labs, across the programs.

Regarding change in curriculum, number of theory/ Laboratory courses, Chairman (IQAC) said changes can be made keeping in view the existing classrooms and laboratories. He asked HoDs to revert on the issue after discussions at department level. He also enquired about students' preparedness to enrol into Minor and Honours courses.

Item No 5: Initiatives taken to promote Research, consultancy and entrepreneurship climate

The IQAC, Coordinator appraised the committee regarding the various initiatives to improve Research in VJIT.

VJIT- SEED money grant

VJIT has been promoting and supporting research in the areas of Science and Technology for the overall development of the Institute.

To support research in thrust areas which require immediate scientific intervention & attention, VJIT has announced a call under its Seed Money Grant with a provision of a financial grant of Rs 2,00,000 per project. VJIT has called for applications for the year 2022-23.

Center of Excellence & Research Centers

A Centre of Excellence is instituted in collaboration with EPAM

In addition to ME & CSE, JNTUH has recognized research centers for the departments of

- Electronics and Communication Engineering and
- Electrical and Electronic Engineering

She informed about the papers published in Scopus indexed journals by VJIT faculty.

Research outcome	2020	2021	2022
Papers	69	60	30
Citations	158	203	101



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Item No 6: To plan action for all criterion based on the comments of the NAAC, peer team committee

The IQAC Coordinator presented a gist of the report of the NAAC, Peer team committee.

Dates of visit of the Peer Team	From: 10-01-2022		
	To : 11-01-2022		
Three major features in the	1. Autonomous institute and 2(f) and 12(B) status of UGC		
institutional Context	Good infrastructure for teaching learning		
	3. Good governance, Leadership and Management		
Strengths, Weaknesses,	Autonomous institute and 2(f) and 12(B) status of UGC		
Opportunities & Challenges	Good number of faculty members.		
(SWOC)	Good infrastructure for teaching learning.		
	Syllabus with COs, POs and PSOs in place.		
	Good governance, Leadership and Management. Student		
	extension activities/clubs are active.		
Recommendations for Quality	1. Effective implementation of CBCS in all the courses for		
Enhancement of the	further academic flexibility.		
Institution	2. Aligning and delivering the POs, COs and PSOs in each		
	course as per the need of the society		
	3. Record keeping of activities by the Examination section to		
	be strengthened along with ICT facilities		
	4. More capacity enhancement programs for the students to		
	be introduced with proper syllabus.		
	5. Alumni association records to be properly organized and		
	their involvement to be improved.		
	6. Students' progression records and reports to be more		
	detailed and to be more presentable.		
	7. More transparency to be brought in the policies related to		
	employment rules, welfare measures and appraisal systems.		
	8. More number of conferences, FDPs, workshops and		
	seminars to be organized for the faculty members and for		
	the administrative staff.		
	9. IQAC cell must initiate interventions in strengthening waste		
	management system.		
	10. The campus to be made more disabled friendly by creating		
	ramps and ductile paths.		

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Vidya Jyothi Institute of Technology

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The Co-Chairperson and Principal, Dr Padmaja, reiterated the necessity to work on the 19 criteria, mentioned by NAAC team, which need to be improved with a special mention of Research, Consultancy, MoUs and Collaborations.

The Chairman and Co-Chairperson opined that another meeting should be convened to discuss the Expert team comments in detail.

Dr. Sreeram Reddy, HoD, Mechanical Engineering, raised a query regarding modifying targets of PO attainments.

Dr V.V.S. Satyanarayana suggested to have Uniform PO attainment Target Levels across programs.

Dr. E.Saibaba Reddy, Chairman (IQAC) & Director opined that PO attainment targets need to be fixed after deliberations at the department level and then shall be approved by IQAC.

Item No 7: Suggestions of the NBA expert team members

The committee was informed about the strengths and weaknesses at the institute level as per the NBA team.

Strengths

- Vision and Mission
- Program Educative Objectives
- Student Faculty Ratio
- Qualification of faculty
- Leadership and Governance
- Infrastructure
- Facilities and technical support
- Feedback on facilities
- Institute strategic plan
- Effective implementation and monitoring of strategic plan
- Administrative setup
- Service rules procedure
- Recruitment and promotional policies



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- Decentralization in working and grievance redressal mechanism
- Delegation of financial powers
- Transparency and availability of information in public domain
- Budget allocation and utilization

Concerns/Weaknesses

- Academic performance (c)
- Attainment of Course outcomes (c)
- Attainments of program outcomes (w)
- Mentoring system to help at individual level (c)
- Feedback analysis and rewards/corrective measures taken (c)
- Self learning facilities (w)
- Career guidance, Training, Placement (c)
- Co-curricular and Extra-curricular activities (c)
- Library and Internet (c)

Item No 8: To discuss the action taken by the departments

IQAC Coordinator informed the committee about action taken by departments.

Strengths and Weaknesses	Action Taken
Academic performance	Slow learners are identified and given extra attention
Attainment of Course outcomes	With the improvement in academic performance, course and
Attainments of program outcomes	program attainments also are improved
Mentoring system to help at individual level	Mentoring hour is included in the timetable
Feedback analysis and rewards/corrective measures taken	Feedback is collected from all the stakeholders at regular intervals
Self-learning facilities	The library is strengthened with e-journals/ resources for self-learning



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Self-learning facilities

Year	Books Rs	Magazine/Journals (for hard copy subscription) Rs.	Magazine/Journals (for soft copy subscription) Rs.
2020 - 2021	6,64,144	4,94,204	11,75,300
2019-2020	3,00,000	-	11,32,007
2018-2019	32,05,786	1,97,473	9,50,978

Dr Sreeram Reddy, HoD of Department of Mechanical Engineering suggested that Self Learning should not be confined to Library facilities but should include MOOCS also.

Dr. Arunakumari, HoD, CSE pointed out that students can do free courses from IIT Bombay.

Dr P. Venugopal Reddy, Dean, Examinations, suggested to keep the Computer Center open for extended hours to facilitate self-learning and employability of students.

Mr. Ashish Ranjan, student member, mentioned that Coursera Courses are very useful but are no more free to students. He requested that the college mediate so that students of VJIT may register in courses of their interest and industry requirement, throughout their 4 years study.

Mr. Srinivas, HoD, IT, suggested that VJIT enter an MoU with Coursera.

Mr. Aditya, student member, suggested that to enhance placement opportunities, 1 hour slot with lab facility be available for individual students to learn on multiple platforms in their domains of interest as per the industry needs.

IQAC Coordinator presented the Academic performance of IV year I semester students as received from the examination branch.



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IV B. Tech. I Semester Regular Results (JAN/FEB -2022) 2018-2019 BATCH (R-18)

BRANCH	APPEARED	PASSED	FAILED	PASS %
CIVIL	115	75	40	65.22
EEE	121	101	20	83.47
MECH	211	146	65	69.19
ECE	260	193	67	74.23
CSE	253	232	21	91.70
IT	57	46	11	80.70
ALL SUBJECTS	1017	793	224	77.97

In continuation, IQAC Coordinator presented the strengthening of the feedback mechanism through surveys from stakeholders as per the inputs of departments.

Feedback Received from	Suggestion	Action Initiated/taken
	Civil Engineering Students (2017-18): A course on Green Building Technologies.	The Course is added as a Professional Elective.
Students	EEE Students (2017-18): A new Course on Electrical Vehicles.	An Open Elective Course on Electric and Hybrid Vehicles is introduced.
Alumni	Himaja K (IT), TCS (2019-20): Concepts like frame works and web services can be added to web Technologies.	New Courses like Data Science, Block Chain Technologies are introduced.
Employer (2015-16)	Intent for the job should be increased by Talent Acquisition, Climber Knowledge and careers pvt. Ltd.	Conducted sessions on different job opportunities, Product development, Educational Marketing, Content writing.

The committee opined that the feedback mechanism needs to be strengthened further.

Dr Aruna Kumari, HoD, Computer Science and Engineering, pointed out that Research and Consultancy was one of the weaknesses listed by NAAC peer team at the department levels.



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The Chairman instructed the HoDs to list out the weaknesses of the respective programs and prepare an action taken report keeping a focus on enhancing R & D.

Dr. Obulesh, HoD, Department of Al, suggested to form a Multidisciplinary Faculty Team for Assisting students working in Multidisciplinary projects.

Chairman opined Interdisciplinary and Multidisciplinary projects should be encouraged. The teams can be formed depending on expertise available in the various departments taking case by case.

In order to strengthen research and consultancy in VJIT, Chairman suggested to fix the number of projects to be submitted annually by departments.

It was decided to convene a meeting to discuss on Quantitative and Qualitative initiatives to enhance research outcome.

Item No 9: To discuss strategies for implementing future plans of action for the year 2022-23

- To Improve Institute ranking
 NIRF From 251 300 to 151-200
 ARIIA From 6-100 to 6-50, Band Excellent
 To be recognized as Institute of Eminence
- 2. Flexible and interdisciplinary curriculum as per NEP-2020
- 3. To upgrade curriculum to address employability and societal demands.
- 4. To augment Industry Collaborative Centers
- 5. Smart campus including strengthened ICT backbone and video conferencing facilities
- 6. Central library as modern information resource centre
- 7. Add to Start up/Incubation Facilities
- 8. Generating alternate sources of revenue



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Item 10: IQAC Initiatives: The IQAC Coordinator presented some of the IQAC initiatives.

Initiatives towards adopting NEP-2020

- 1. Organizing lectures on NEP-2020
 - a. Guidelines for B.Tech with Minor and Honors degree by Prof. M.
 Madhavi Latha, Director of Academic & Planning (DAP) JNTUH on 27th May 2022





b. National Education Policy-2020" by Prof. G.K. Viswanadh, Director,
 UGC-HRDC, JNTU Hyderabad on 4th June 2022







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She also informed that Professional development / administrative training programs were organized. (Annexure II)

IQAC Initiatives for the AY 2022-23

- Submission of Research projects to DST/DRDO/UGC/CSIR
- Organizing Conferences on multidisciplinary themes
- To conduct FDPs
 - an FDP on NEP-2020 during 17-18 June 2022.
 - a lecture on Gender equity in July-August 2022.

New Programs 2022-23

She informed the committee that 03 new programs are in the pipeline.

Program	Status	
B.Tech-CSE (AI-ML)	Awaiting AICTE approval NOC obtained from JNTUH	
B.Tech-CSE (AI, Data Science)		
MCA		

Dr. Vasanth, HoD, ECE, requested clarity on the maintenance of Quality initiatives, to be Quantified or Qualified

Item No 11 Issues open for discussion:

- a. Internal Academic Audit
- b. Green and Energy Audit
- c. Conduct of FDPs
- d. Organizing seminars/Workshops
- e. Standardization of formats such as BoS minutes



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a. External and Internal Academic Audit

Dr Sarah welcomed the members to give their suggestions on the issues open for discussion.

She said that the Academic audits are conducted to monitor quality enhancing process.

She said the criteria considered are Planning and Delivery of Class / laboratory, project, industry visit etc

She informed that VJIT conducts Internal and External academic audits on a regular basis atleast once in a year

The Internal Academic Audit team includes Director/ Principal, IQAC Coordinator and Senior teachers and External Academic Audit is done by peers form other organizations.

- **b. Green and Energy Audit**: Director informed the committee that Annual Green and Energy audits are done regularly. Dr Srujana, HoD, EEE, informed that the energy audit is done annually. Green audit is monitored by the HoD of Civil Engineering.
 - The HoDs opined that VJIT should try for Green Audit Awards.
- c & d Conduct of FDPs/Organizing seminars/Workshops

 The IQAC, Coordinator, pointed out the necessity to organize more number of Seminars/Workshops per semester. Director said a meeting will be convened to fix a number for each department to organize FDPs/Workshops.
- **e.** Dr Padmaja, Co-Chairperson (IQAC) mentioned about standardization of the BoS Meeting format across the departments. Director suggested a format.

Item No 12: Academic Maintenance, IT infrastructure maintenance

Adequate Academic, Physical and support facilities are available in the campus. In order to ensure their maintenance and optimum utilization, various systems and procedures are implemented in VJIT so as to benefit all the stakeholders.

Required number of desktops with suitable configuration and required software are provided to all the department laboratories.

- **Item No 13: PO target level of the departments**: Based on the attainment of PO level in the previous academic year, the target levels for this academic year are approved.
- **Item No 14: Vision and Mission statements:** The Vision, Mission and PEOs statements of various departments were discussed and implemented as per the inputs of stakeholders.
- Item No 15: Any other matter with the permission of the Chair: Nil
 - **Dr E. Saibaba Reddy, Director and Chairman (IQAC)** thanked all the members of the IQAC for their valuable inp



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Signature of the Members

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(Dr. E. Saibaba Reddy)	(Dr. A. Padmaja)	(Dr.P.Rajeshwar Reddy)	(Mrs. S. Neelima)
5. 8	6. OL	7.	8. Jalia
(Dr. P.Venugopal Reddy)	(Dr. P. Sarah)	(Dr. G. Sreeram Reddy)	(Dr. A. Srujana)
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(Dr. K. Vasanth)	(Dr. Pallavi Badry)	(Dr. D. Aruna Kumari)	(Mr. B. Srinivasulu)
13.	14. Johnson	15. paragest	16.
(Dr. A. Obulesh)	(Dr. P. Chakradhar)	(Dr. K. Laxminarayana)	(Dr.M.Rajendraprasad)
17. Data	18.	19. Grande	20.
(Dr.V.V. Satyanarayana)	(Mr. R.V. Chalam)	(Ms. G. Srilatha)	(Mr. Subhajit Jagadev)
21. P. Nor do - 15	22.	23.	24. L. ddlyn
(Mr. Nirdosh Reddy)	(Mr. Suresh Kuppu)	(Mr. E. Sathish Reddy)	Aditya Komaravolu
25. AxO			
Ashish Rajan Kumar			