IQAC AAA REPORT

2020 – 2021

(Academic and Administrative Audit)

Dadi Institute of Engineering and Technology, Anakapalle

Internal Quality Assurance Cell (IQAC)

ACADEMIC AND ADMINISTRATIVE AUDIT(AAA)

Date of Audit: 10-03-2021   ACADEMIC YEAR: 2020-21

Audit Member-1   : Dr.K.Vinodh kumar,Professor, ANITS.

Audit Member-2   : Dr.K.Santhoshi kumari,Vignan college.co-education.

(The activities are to be graded on the following scale)

Excellent	Good	Satisfactory	Needs improvement
A	B	C	D

Details of Programmes in the institution:

	Name of the Programme	Sanctioned Seats	Students Admitted
UG: B.Tech.	1. Civil Engineering	60	10
	2. Computer Science and Engineering	180	139
	3. Electronics and Communication Engineering	120	74
	4. Electrical and Electronics Engineering	120	17
	5. Computer Science and Engineering with Specialization Artificial Intelligence and Machine Learning	60	44
	6. Computer Science and Engineering with Specialization Data Sciences	60	43
	UG: B.Tech., Total	600	327
PG: M.Tech.	1. Computer Science and Engineering	24	11
	2. Systems and Signal Processing	18	0
	3. Power and Industrial Drives	18	12
	PG: M.Tech., Total	60	23
PG: MBA	4. Master of Business Administration	60	22
	PG: M.Tech. & MBA	60	22
	UG and PG Total	720	372

Metric. No	Description	HEIs i/p	Audit Remarks	Grade
	1.1		**Curricular Planning and Implementation**	
1.1.1	The Institution ensures effective curriculum delivery through a well planned and documented process	Yes	IQAC suggests to follow the latest methodologies in curriculum delivery and in documentation	
1.1.2	The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)	Yes	IQAC follow correct academic calendar	
1.1.3	Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University	Yes	IQAC suggests to improve the course by following the current trends	B
		1.2 - Academic Flexibility		
1.2.1	Number of Programmes in which CBCS/ Elective course system implemented	16	Improve employability or entrepreneurship or skill development	A
1.2.2	1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year	7	IQAC suggests to improve the Add on course /Certificate programs	C
1.2.3	1.2.3Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year	612	Comparing to last year now it is improved	B
		1.3 - Curriculum Enrichment		
1.3.1	Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	Yes	Introduce more number of value added courses for the improvement of students	

1.3.2	Number of courses that include experiential learning through project work/field work/internship during the year	3	It is improved by comparing Last year	A
1.3.3	Number of students undertaking project work/field work/ internship	384	Some improve the strengths of enrollment	C
1.4 - Feedback System				
1.4.1	Institution obtains feedback on the syllabus and its transaction at then institution from the following takeholders Students Teachers Employers Alumni	138	IQAC appreciates all the departments for their efforts in the feedback	C
1.4.2	Feedback process of the Institution may be classified as follows	23%	Feedback should be analyzed for the improvement of teaching and learning	C

	Description	HEIs i/p	Audit Remarks	Grade
	2.1 - Student Enrollment and Profile **2.1.1 - Enrolment Number Number of students admitted during the year**			
2.1.1.2	Number of sanctioned seats during the year	720	IQAC suggests the departments to improve the enrollment of students in to the academic year	B
2.1.2.1	Number of actual students admitted from the reserved categories during the year	209		B
	2.2 - Catering to Student Diversity			
2.2.1 -	The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	Yes	IQAC suggests to increase the student full time teacher ratio for better results	
2.2.2	Student- Full time teacher ratio	1429,145(1:30)		B
	2.3 - Teaching- Learning Process			
2.3.1	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences	Yes	IQAC observed that less faculty utilizing the ICT and suggests to improve for good understanding to the students	
2.3.2	Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words	Yes		
	2.4 - Teacher Profile and Quality			
2.4.1	Number of full time teachers against sanctioned posts during the year	145	IQAC suggests to fill the vacant positions with suitable qualification to fill the gaps	B
2.4.2	Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality /D.Sc. / D.Litt. during the year	27		C
2.4.3	Number of years of teaching experience of full time teachers in the same institution	611		B
	2.5 - Evaluation Process and Reforms			
2.5.1	Mechanism of internal assessment is transparent and robust in terms of frequency andmode. Write description within 200 words.	Yes	IQAC Suggested to reduce the time gap for the result announcement for smooth running of the academics	C
2.5.2	Mechanism to deal with internal examination related grievances is transparent, timebound and efficient	Yes	Iqac suggests to introduce latest evaluation process at the institute level	B

2.6 - Student Performance and Learning Outcomes

2.6.1	Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.	Yes	IQAC suggests to make them to display on the website for reference to the students	A
2.6.2	Attainment of Programme outcomes and course outcomes are evaluated by the institution.	Yes	Based on the PO'S CO'S the teacher are suggests to make them to display on the website for reference to the students	B

2.6.3 - Pass percentage of Students during the year

2.6.3.1	Total number of final year students who passed the university examination during the year	165	All the departments to improve the results	C

2.7 - Student Satisfaction Survey

2.7.1	Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)	Yes	To increase the questionnaire for better output in the survey	

RESEARCH, INNOVATIONS AND EXTENSION
3.1 - Resource Mobilization for Research

3.1.1	Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	9.40	Departments should improve the research activities and concentrate on mobilization of funds through innovative project	C
3.1.2	Number of departments having Research projects funded by government and non government agencies during the year	4	Departments to improve the research activities and concentrate on mobilization of funds through innovative project	C
3.1.3	Number of Seminars/conferences /workshops conducted by the institution during the year	13	IQAC suggests all students and faculty should participate in workshops,FDPs and seminars	D

3.2 - Research Publications and Awards

3.2.1	Number of papers published per teacher in the Journals notified on UGC website during the year	70	Try to improve Paper publications on next year	C
3.2.2	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	14	All departments should improve publications on next year	D

3.3 = Extension Activities

3.3.1	Extension activities are carried out in the neighbourhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year	Yes	To keep up more programs for the development of the organization	B
3.3.2	Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year	5	suggests to keep up more programs for the development of the organization	C
3.3.3	Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AID Sawareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year	30	Particiapation of the students is less and do more programmes in next year	B
3.3.4	Number of students participating in extension activities at 3.3.3. above during the Year	2242	Good for comparing last year	A

3.4 – Collaboration

3.4.1	The Institution has several collaborations /linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year	17	Motivate the students to more participating in internship, field trip etc...	C
3.4.2	Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year	5	Increase the MOUs every year	D

4.1 - Physical Facilities

4.1.1	The Institution has adequate infrastructure and physical facilities for teaching- Learning. viz., classrooms, laboratories, computing equipment etc.	Yes	More budget has to be allocated for upgrading of the facilities	B
4.1.2	The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.	Yes	Policies and procedures require slight changes	C

4.1.3	Number of classrooms and seminar halls with ICT- enabled facilities such as smart class. LMS. etc.	15	Need to increase the ICT class rooms	B
4.1.4	Expenditure. excluding salary for infrastructure augmentation during the year (INR in Lakhs)	26.31	Budget allocation should be improvised for better implementations	C

4.2 - Library as a Learning Resource

4.2.1	Library is automated using Integrated Library Management System (ILMS)	Yes	Improved Library facility with well equipped Automation facilities	B
4.2.2	The institution has subscription for the following e-resources e-journals e-Shod Sindhu Shodh ganga Membership eBooks Databases Remote access to e resources	Yes	Content s should be improved	B
4.2.3	Expenditure for purchase of books/e-books and subscription to journals/ejournals during the year (INR in Lakhs)	4	Imporvement require in the e-content and make sure that the content available in the library and website for student access.	C
4.2.4	Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)	116	Need to increase the volume for the future Requirements	C

4.3 - IT Infrastructure

4.3.1	Institution frequently updates its IT facilities including Wi-Fi	Yes	Improvement require in that area	
4.3.2	Number of Computers	520	Increase	C
4.3.3	Bandwidth of internet connection in the Institution	Yes	Bandwidth and browsing centers should be improved	

4.4 - Maintenance of Campus Infrastructure

4.4.1	Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary	167	More budget has to be allocated for upgrading of the	B

				facilities	
	component during the year (INR in Lakhs)				
4.4.2	There are established systems and procedures for maintaining and utilizing physical. academic and support facilities - laboratory. library. sports complex. computers. classrooms etc.		Yes	Augmentation in infrastructure facilities should be improved	A

5.1 - Student Support

5.1.1	Number of students benefited by scholarships and free ships provided by the Government during the year		1072	Improvement require at the national and international and other resources as well	B
5.1.2	Number of students benefitted by scholarships. free ships etc. provided by the institution / non- government agencies during the year		0	Improvement require at the national and international and other resources as well	D
5.1.3	Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills		Yes	Student participation should be improved	B
5.1.4	Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year		1429	Student participation should be improved	A

5.2 - Student Progression

5.2.1	Number of placement of outgoing students during the year		118	Student placements should be improved at all levels	B
5.2.2	Number of students progressing to higher education during the year		9	Motivate the students to go for higher studies and the number should be increased	C
5.2.3	Number of students qualifying in state/national/ international level examinationsduring the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/		11	Motivate the students to go for higher studies and the number should	C

	TOEFL/ Civil Services/State government examinations)		be increased	
5.3 - Student Participation and Activities				
5.3.1	Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year	2	Physical Education department should concentrate more and make good number of students participations in the events	B
5.3.2	Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)	Yes	Participations are chance to improve	C
5.3.3	Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)	15	Participations are chance to improve	C
5.4 - Alumni Engagement				
5.4.1	There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services	Yes	Faculty should make the students to registered and be a part of alumni	
5.4.2	Alumni contribution during the year (INR in Lakhs)	<1Lakhs	Contributions from alumni should improved	D
6.1 - Institutional Vision and Leadership				
6.1.1	The governance of the institution is reflective of and in tune with the vision and mission of the institution	Yes	It is Good in Mission and Vision and improve effective participation	C
6.1.2	The effective leadership is visible in various institutional practices such as decentralization and participative management.			
6.2 - Strategy Development and Deployment				
6.2.1	The institutional Strategic/ perspective plan is effectively deployed	Yes	Faculty financial support need to be increasing and	

			improved	
6.2.2	The functioning of the institutional bodies is effective and efficient as visible from policies. administrative setup. appointment and service rules. procedures. etc.	Yes	Improve in next year	C
6.2.3	Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	Yes	Try to improve Administration Finance and Accounts Student Admission	C

6.3 - Faculty Empowerment Strategies

6.3.1	The institution has effective welfare measures for teaching and non- teaching staff	Yes	Good in that parameter	A
6.3.2	Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year	3	Improve and encourage to attend conferences/ Workshops	B
6.3.3	Number of professional development /administrative training programs organized by the institution for teaching and non- teaching staff during the year	7	Increase to organize PDPS andATP the institution for teaching and non- teaching staff	B
6.3.4	Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)	135	Management should support to faculty to conduct more n more programmes	C
6.3.5	Institutions Performance Appraisal System for teaching and non- teaching staff	Yes	Good for self appraisal System for teaching and non-teaching staff	

6.4 - Financial Management and Resource Mobilization

6.4.1	Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words	Yes	Improve in next year	A
6.4.2	Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)	0	Improve in next year	

6.4.3	Institutional strategies for mobilization of funds and the optimal utilization of resources	Yes	Good	

6.5 - Internal Quality Assurance System

6.5.1	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes	Yes	Activites for encouraging supporting staff are to be increasing	
6.5.2	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities	Yes	Activites for encouraging supporting	
6.5.3	Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	Yes	Activites for encouraging supporting are to be increasing	

7.1 - Institutional Values and Social Responsibilities

7.1.1	Measures initiated by the Institution for the promotion of gender equity during the year	Yes		
7.1.2	The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient Equipment	Yes	Improve Institution facilities for alternate sources	
7.1.3	Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management	Yes	Maintain always like this	
7.1.4	Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	yes	Good system in the campus	

	water recycling Maintenance of water bodies and distribution system in the campus			
7.1.5	The institutional initiatives for greening the campus are as follows: 1.Restricted entry of automobiles 2.Use of Bicycles/ Battery powered vehicles 3.Pedestrian Friendly pathways 4.Ban on use of Plastic 5.landscaping with trees and plants	yes	Should improve more	
7.1.6	Quality audits on environment and energy are regularly undertaken by the institution	Yes	Good	
7.1.7	The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	Yes	Improve Disabled-friendly facilities	
7.1.8	Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).		Clear explanation	
7.1.9	Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens	yes	Clear explanation	
7.1.10	The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	20	Improve awareness programmes	