

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, June 1, 2017 to May 31, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Kakinada Institute of Technology and Science,
- Name of the Head of the institution : Dr. E Sarvarameswarudu
 - Designation: Principal
 - Does the institution function from own campus: Yes
 - Phone no./Alternate phone no.: 9121214412
 - Mobile No.: 9010695695
 - Registered e-mail: kitsenggcollege@gmail.com
 - Alternate e-mail : principalkitsjq@gmail.com
 - Address : Tirupathi Village, Divili, Peddapuram Mandal, Kakinada Dist.
 - City/Town : Divili
 - State/UT : Andhra Pradesh
 - Pin Code : 533433
2. Institutional status:
- Affiliated / Constituent: Affiliated
 - Type of Institution: Co-education/Men/Women Co Education
 - Location : Rural/Semi-urban/Urban: Rural
 - Financial Status: Self financing

- Name of the Affiliating University: Jawaharlal Nehru Technological University, JNTUK
- Name of the IQAC Co-ordinator : Dr. Ch V. Subbarao
- Phone no. : 8074892930
- Mobile : 9010695695
- IQAC e-mail address: iqac@kitsdivili.ac.in
- Alternate Email address: c.subbarao5@gmail.com

3. Website address: www.kitsdivili.ac.in
 Web-link of the AQAR <http://www.kitsdivili.ac.in/AQAR.html>

4. Whether Academic Calendar prepared during the year? Yes
 if yes, whether it is uploaded in the Institutional website: Yes

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B+	2.51	2017	from:09-06-2017 to: 08-06-2022
2 nd	A	3.03	2023	from:12-08-2023 to: 11-08-2028
3 rd				
4 th				
5 th				

6. Date of Establishment of IQAC: 30-11-2015

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Campus recruitment conducted. Feed back on the training program taken .	20-11-23 to 25-11-23	40

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

http://www.naac.gov.in/images/docs/AQAR_ONLINE/IQACAQAR_Guideline_Autonomous-April-2020.pdf.pdf

Web link: [IQAC Committee.pdf](#)

10. No. of IQAC meetings held during the year: 4

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website... Yes.

(Please upload, minutes of meetings and action taken report)

Web link: [Minutes of Meeting & Action taken report.pdf](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- * Autonomous Status
- * Campus Recruitment Training (CRT)
- * Book publications
- * Faculty Participation in FDP

* NPTEL online certification programme by Students

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Autonomous	Achieved
NAAC Accreditation	Achieved
80% pass percentage	Achieved

14. Whether the AQAR was placed before statutory body? Yes

Name of the Statutory body: Governing Body Date of meeting : 04-01-2024

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning? Yes Date: 30-07-2023, 01-08-2023

16. Whether institutional data submitted to AISHE: Yes

Year: 2022-23

Date of Submission: 31.1.2024

17. Does the Institution have Management Information System?

The management information system helps in collection of data, analyzing the data and subsequent decision making. This is possible through hard ware and soft ware tools. Computers are available for the students at a reasonable ratio in computer Laboratories. The classrooms and staff rooms are provided with LAN/WIFI facilities to enhance the teaching-learning process. All buildings, hostels, Seminar halls and common areas on the campus are WiFi enabled. The college also has internet browsing centres for faculty members and students of all disciplines.

Kakinada Institute of Technology and Science plans towards using Information and Communication Technology at all levels of interactions with the stakeholders of the College. The operations of the administration and finances are wholly computerized thus facilitating timely reporting and efficient resource allocation.

A Library Management Software was installed at the library to keep track of the books and journals using the digital library

The following components form part of the Management information systems : yes

- Desktops (PIV, Dual Core, Core2Duo, i3 & i5 based with 2 to 8 GB RAM and 80 GB to 1TB HDD) – Total Number of Desktops – 558 No's
- Laptops with configuration (i5- 6th generation, 16 GB RAM, 500 GB HDD) Total number of Laptops – 5
- 1 Dell Rack Server (Intel Xeon @E3- 3.2 GHz, 16 GB RAM, 2 TB HDD)
- Internet Facility – BSNL – 100 Mbps

- The IP Surveillance system was established in 2016 with the configuration: • IP camera (2 MP, Hikvision) = 90
- 2 NVR with 8 TB of storage
- Wi-fi Routers – 10 Nos
- UPS – 8 (5 KVA to 20 KVA)
- Inverters – 1 Nos (5 KVA)
- 30 D-Link, Netgear, Cisco Switches
- 10 LCD Projectors for ICT Teaching & Learning Process

The college used E-Cap software having the following facilities

- Time -tables
- Lesson plans
- Class work details
- Student attendance
- Feed back on attendance to the parents
- Marks in the examinations
- Students fees details
- Faculty contributions in the form of publications, conferences
- Students results

Faculty members are trained to use the software for effective implementation of Management Information systems.

CC-TV cameras are also provided for effective management of class work.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The programs are offered at KITS Engineering college, affiliated with Jawaharlal Nehru Technological University Kakinada follow the Academic Calendar circulated by Jawaharlal Nehru Technological University, Kakinada.

The Principal, Heads of the departments and Time table co-ordinators prepare a draft of the timetable which includes theory, practical's, soft skills, campus recruitment training classes, and co-curricular activities like sport which enhance students' academic excellence as well as personality development.

The College academic committee which consists of the Principal and Heads of the department going to implement an action plan for the successful delivery of the curriculum, to implement this curriculum the heads of the departments conduct frequent meetings in their respective departments, to develop and ensure the quality of the teaching and learning process.

The College academic committee invites proposals from the departments for various skill development courses, schedules and certificate or add-on programs in the curriculum to enhance the overall development of the students.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	Focus on employability/ entrepreneurship	Skill development
		Nil		

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
UG	01-06-2023	AIDS	1.6.2023

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
			Nil		
Already adopted (mention the year)					

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

No of Students	Certificate	Diploma Courses
4	NPTEL	

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled

1.3.2 Field Projects / Internships undertaken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Summer internships for 2 nd and 3 rd year students	400

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution' (maximum 500 words)

Feedback are collected from the following groups identified as stakeholders

- Current students
- Alumni
- Faculty
- Parents
- Employers

Stakeholders	Timing of the Feedback	Mode of Feedback	Points covered in the feedback	Corrective measures
Students (All years)	3 weeks after the commencement of each semester	Online	Quality of Teaching and Learning Process	Faculty with low feedback score are advised by the principal to revise and restructure their teaching pedagogy.
Students (Final Year student)	At the end of the program	Meeting (In person or Online mode)	Infrastructural facilities, Quality of Lab, Improvements regarding the courses, Updation to curriculum etc....	The feedback is shared with the Department Advisory Committee (DAC) and points are discussed and presented to the Principal for further analysis and implementation.
Faculty	Beginning and end of the semester	Representation from the Head of the Department	Evaluation and need for Up gradation of teaching and assessment tools and infrastructure	Shortcomings are identified by the Academic Council and the needs are catered to, immediately.
Alumni	Every Semester	Alumni Meet	Course, Curriculum, Process, new technology etc..	Suggestions/ recommendation are presented to the head of the institute and the recommendation

				are forwarded to the affiliating university for their consideration . .
Recruiters	During Placement Drives	Discussion with College Placement Team	Student Employability, Effectiveness of interview process, Placement Training etc....	Necessary measures are taken in the form of trainings and feedback mechanism.

Based on all the feedback collected, meeting is conducted on regular basis which is presided over by the principal. These meetings concentrate much on the following key aspects of effective institutional administration.

- Preventive measures against negative feedbacks.
- Upcoming schedules, issues to be addressed at institutional / administrative level.
- Planning of various activities and guidelines for department faculty and students.
- To ensure the functioning of the institution in a transparent manner based on the feedback collected from various stakeholders

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.Tech	420	358	358

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2023	1580	21	73	6	79

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
79	25	U-tubes LCD projectors	10	01	

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

The institution will assess the learning levels of students before starting the teaching-learning process. After students are admitted to KITS Engineering College, they are classified based on their qualifying examination and the Selection exam, called the EAPCET and marks procured in intermediate/+2, as Advanced and Slow learners. Student learning abilities are evaluated in subsequent semesters through midterms, assignments, class interaction

and mentoring through regular observation in the following areas:

- Student's confidence level in achieving their goals.
- Self-sufficient ability of the student in doing various activities.
- Optimism (hopefulness and confidence) of the student. Student's leadership qualities and active participation in various activities.
- Student's performance in theory and laboratory sessions. Knowledge of the student in doing technical and non-technical projects .
- Student's plan of action in achieving ambition. Student's Email etiquette and Presentation skills in giving seminars.
- Participation of the student in curricular, extra-curricular and Research oriented activities. Consistent performance of the student in achieving overall performance in semester exams

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1580	79	1:20

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
79	79	Nil		05

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Program me Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
UG/ PG	B.Tech/M. Tech	Semester-I Semester-II	December,2023 June,2024	Jan-2024, July,2024 every year

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The institute strictly adheres to JNTUK university norms and conditions for internal evaluation. There are various time slots allocated to conduct descriptive and online tests (Quiz) for each and every department. Based on the University academic schedule, each faculty prepares the internal examination and the assignments considering the entire coverage of the Course Outcomes and also the taxonomy as appropriate. While preparing the assignment questions, faculty will try to cover all the possible taxonomies to the maximum extent.

Two Mid Examinations are conducted for students as per university norms in each semester Final Mid marks = (Best of (Mid-1/Mid-2) marks x 0.7 + Average of (Mid-1/Mid-2) marks x 0.3).

During evaluation, Each faculty prepares the scheme of evaluation and evaluates the student answer scripts as per the scheme. The answer scripts will be distributed to students in the classroom and the scheme will be explained. The discrepancies/grievances, if any will be resolved by the teacher before submitting the student performance to the college examinations section.

The discrepancies if any during the correction of scripts will be brought to the notice of the faculty members. The faculty members will then re-verify and if found necessary, the marks will be awarded.

In case a student becomes sick during the mid-examination, the same will be communicated to affiliating university with all the supporting documents for re-conduct of examination. Based on the approval received from the University, the mid examination will be re-conducted with a new question paper.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

KITS Engineering college follows the prescribed curriculum of Jawaharlal Nehru Technological University-Kakinada. For the direct and successful conduction of the course, we create a lesson plan and pursue the objectives and outcomes of the course for every semester in the UG and PG programs. Assignments and online quiz exams are conducted to enhance the student's knowledge.

Courses are assigned to Faculty members by the Head of the Department and Principal based on their areas of expertise and subject preferences. The faculty strictly adheres to the academic calendar to prepare the course files which includes the vision, mission, timetable, lesson plan, course outcomes, teaching notes, previous question papers, and previous performances. The total duration of each Semester includes registration, instructions, continuous internal evaluation, and semester-end evaluation. Internal assessment can be done by conducting internal examinations based on the academic calendar and the timetable for conducting examinations given by the University and the internal examinations-related activities like evaluation of answer scripts, posting of marks in the portal, and display of marks in the notice board for the students is undertaken in a systematic manner. The external assessment is based on the semester-end examinations conducted by the university.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the web link)

Mechanical Engineering : <http://www.kitsdivili.ac.in/mech.html>

Computer Science and Engineering: <http://www.kitsdivili.ac.in/cse.html>

Civil Engineering : <http://www.kitsdivili.ac.in/civil.html>

Agricultural Engineering: <http://www.kitsdivili.ac.in/agricultural.html>

Electronics and Communication Engineering : <http://www.kitsdivili.ac.in/ece.html>

2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
UG	B.Tech	456	409	89

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as web link)

The link of the students feed back is provided below

Web Link: [students feed back consolidated.pdf](#), [Students feedback Template.pdf](#)

The compiled feed back is provided wide the following link
 Student satisfaction survey report.jpg

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research Projects (<i>other than compulsory by the College</i>)				
International Projects				
Any other(Specify)				
Total				

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by

Name of the Start-up	Nature of Start-up	Date of commencement

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International

3.3.2 Ph. Ds awarded during the year (*applicable for PG College, Research Center*)

Name of the Department	No. of Ph. Ds Awarded

Department		No. of Publication	Average Impact Factor, if any	
National				
International	Mechanical	01		

Department		No. of publication
Electronics and communication Engineering		3
Agricultural Engineering		1
Civil Engineering		1
Computer Science and Engineering		1

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Harmonic analysis of Boring Bar	N. Shyam Babu	Material Science and Technology	2023			

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops		2	8	18
Presented papers		2	5	18
Resource Persons		1		9

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
AIDS day	KITS-Divili	10	103
Blood camp	KITS-Divili	10	56
Voters dat	KITS-Divili	10	500
Rep.day	KITS-Divili and JNTU-K	10	100
Swatch Bharat	KITS-Divili	10	50
Plantation	KITS-Divili	10	30
Women's day	KITS-Divili		150

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swatch Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
AIDS day	KITS-Divili	Awareness about aids	10	103
Blood donation camp	KITS-Divili	Blood donation	10	56
Voters day	KITS-Divili	Awareness of voting	10	500
Rep.day	KITS-Divili and JNTU-K	Importance of republic day	10	100
Swatch Bharat	KITS-Divili	Importance of swatch bhart	10	50

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact	Duration (From-To)	participant

		details					
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year							
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs				
VLR-Facilitators	26-05-2024	Impart training, conduct work shops	300				
Girnasoft Education services	27-03-2024	Impart training	300				
ZUIVER AIR Technologies	Renewal	Training	300				
Garuda EV Motars	Renewal	Training	300				
Prelan Interiors & Associate	Renewal	Training	300				
Tanvika Solutions	Renewal	Training	300				
CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES							
4.1 Physical Facilities							
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year							
Budget allocated for infrastructure augmentation			Budget utilized for infrastructure development				
Rs 2 Cr			Rs 1.98 Cr				
4.1.2 Details of augmentation in infrastructure facilities during the year							
Facilities		Existing		Newly added			
Campus area		7.91 acres					
Class rooms		36					
Laboratories		42					
Seminar Halls		01					
Classrooms with LCD facilities		12					
Classrooms with Wi-Fi/ LAN		12					
Seminar halls with ICT facilities		01					
Video Centre							
No. Of important equipments purchased (\geq 1-0 lakh) during the current year.		18					
Value of the equipment purchased during the year (Rs. In Lakhs)		Rs.19.20,000					
Others							
4.2 Library as a Learning Resource							
4.2.1 Library is automated {Integrated Library Management System -ILMS}							
Name of the ILMS software	Nature of automation (fully or partially)	Version		Year of automation			
SOUL	Full	2.0		2010			
4.2.1 Library Services:							
		Existing		Newly added		Total	
		No.	Value	No.	Value	No.	Value

Text Books	32181	40Lakhs	4525	6 Lakhs	36706	46 lakhs
Reference Books						
e-Books	11148	10000	1148	10000	22296	0.2 lakhs
Journals						
e-Journals	90					
Digital Database						
CD & Video	454					
Library automation						
Weeding (Hard & Soft)						
Others (specify)						

4.3 IT Infrastructure

4.3.1 Technology Up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	600	6	600	1	1	30	10	100	
Added	-								
Total	600	6	600	1	1	30	10	100	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

100MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NPTEL	DELNET-LIST-NDL

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
5 Cr	5 Cr	3 Cr	3 Cr

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities – laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be

available in institutional Website, provide link)

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
Financial support from other sources			
a) National			
b) International			

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2024	GATE	3	1	3	3

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
NIL	NIL	NIL

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus :NIL		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Mega job Mela (02-04-2024)	200	125	Mega Job mela held on 30.9.2023	32	24
Car trade tech.limited 02-04-2024	14	0			

Rinex 06-06-2024	180	12			
VLR Facilitators Representing Aurabindo, Neuland and Honor	22	07			

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2023	28	B.Tech	Agr-10 CSE-02 ME-12 ECE-04	AU, JNTU-K and JNTU-A	M.Tech

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE	3	
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Sports	State	30

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2023-24	Participation of college students in JNTU-K (State	Volley ball		21	

	affiliating university)					
2023-24	Participation of college students in JNTU-K (affiliating university)	State	Badminton		2	
2023-24	Gold medal	State	Kabaddi		22JQ5A0506	K.Manohar
2023-24	Participation of college students in the team of JNTU-K (affiliating university)	State	KHO-KHO			B.Ram suresh

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

KITS Engineering College recognizes the importance of student involvement in the growth and success of the institution. At this point of view, the college has established various committees that are composed of student members.

These committees include the IQAC, which works to create a learner-centric environment and internalize the quality and culture of the college; the Administrative Committee, which provides input and feedback on issues such as cleanliness and infrastructure; the Sports and Cultural Committee, which organizes events such as annual day celebrations and inter college sports meets; the NSS Committee, which promotes inclusive growth and awareness in the community; the Student Grievance Committee, which addresses student problems and works to resolve them in a fair and transparent manner which includes their problems in academics too, the Hostel Committee, which addresses issues in the college residence halls, food issues, accommodation issues; and the Women Empowerment Committee, which works to promote gender sensitivity and self-defence.

Through their participation in these committees, students have the opportunity to upgrade their communication skills, teamwork, problem-solving abilities, and leadership qualities. This participation of students in all these committees enriches their knowledge and exposure to the outside world.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

The college started the Alumni association with the title “ KITS DOSA” on 17-05-2023. The Alumni cell contributes to the institutional development through financial and other services. The KITS Engineering College Alumni Association was a non-profit Association and independent body. Its aim is to provide a platform for Alumni to come together and support the college in building the institution globally. All the graduates are automatically the members of our Alumni cell. The aim of our Alumni cell is to enhance a beneficial relationship between our Institute and Alumni and strive towards the social, academic and economic growth of the institution. The Alumni members play a major role in placement oriented training programmes for current academic year students The Alumni association cell recommends the incorporation of training programmes based on the industry specific skill requirements in order to improve our student’s employability.

The present students actively interact with the alumni cell and the association to upgrade the latest technology and opportunities’. The Alumni association conducts activities periodically and supports the betterment of our institute. The basic function of the Alumni is to promote a lifelong relationship and to exchange professional and technical knowledge and organize seminars, workshops and training programmes.

5.3.2 No. of enrolled Alumni: 806

5.3.3 Alumni contribution during the year (in Rupees) : Rs.2,41,800
5.3.4 Meetings/activities organized by Alumni Association : 2
Alumni meet once in a year and share their experience with the staff and the students of the institute. The Alumni also help the students in providing, Internships and placement opportunities.
CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT
6.1 Institutional Vision and Leadership
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words) Decentralization: Institute has a common platform for delegating authority and providing operational autonomy to all the functional for working towards the success of the institution. IQAC of this college contributes significantly and the following two practices are institutionalized. Practice 1: Facilitating Digitization of Teaching-Learning Process: IQAC initiated to implement for creating digital classes while teachers teach the lessons as a part of Learning Management System. Practice 2: Implementation of Outcome-Based Education: Outcome Based Education is another initiative by IQAC and IQAC organized workshops by inviting experts to explain OBE approach to all the teaching staff members. As a part of this initiative, teaching staff prepared programme educational objectives (PEOs), programme specific outcomes (PSOs) and teaching staff members are able to write course outcomes (COs), mapping of COs with POs and PSOs. Committees that involve stakeholders as members / special invitees: 1. College Academic Committee 2. SC/ST Committee 3. Internal Complaint Committee 4. College development Committee 5. Co curricular & Extracurricular Activity Committee 6. Discipline Committee 7. Internal Quality Assurance Cell 8. Anti-Ragging Committee 9. Grievance Redressal Committee 10. Women Empowerment Cell
6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial: Yes
6.2 Strategy Development and Deployment
6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):
❖ Curriculum Development Being an affiliated college we attend curriculum planning meetings organized by Director, Academic and planning JNTUK.
❖ Teaching and Learning • Industrial visits are arranged for all students. Internships are being arranged for students. Outcome Based Education is being implemented.

<ul style="list-style-type: none"> At the beginning of each unit, the objectives of the subject are discussed. At the end of the each unit, the outcomes are discussed. 																				
<ul style="list-style-type: none"> ❖ Examination and Evaluation <ul style="list-style-type: none"> Faculty participate in Question paper setting, scheme preparation and evaluation by the university. 																				
<ul style="list-style-type: none"> ❖ Research and Development <ul style="list-style-type: none"> The College encourages the students to involve in various research activities, and provides all the facilities to carry out research. 																				
<ul style="list-style-type: none"> ❖ Library, ICT and Physical Infrastructure / Instrumentation <ul style="list-style-type: none"> Library adds new titles and volumes of text books annually . Conventional class rooms have been converted into e-class rooms with LCD projectors, digital boards, and audio systems. 																				
<ul style="list-style-type: none"> ❖ Human Resource Management <ul style="list-style-type: none"> COLLEGE provides faculty facilities and financial assistance to attend FDPs, seminars, and conferences. The college also provides academic leave for staff members pursuing Ph.D 																				
<ul style="list-style-type: none"> ❖ Industry Interaction / Collaboration <ul style="list-style-type: none"> Institution has an I to I cell for continual implementation of industry related activities. MOUs are signed with reputed industries 																				
<ul style="list-style-type: none"> ❖ Admission of Students <ul style="list-style-type: none"> 70% of admissions are filled by convenor, APEAPCET, and 30% by institution. 																				
6.2.2 : Implementation of e-governance in areas of operations:																				
<ul style="list-style-type: none"> ❖ Planning and Development 																				
<ul style="list-style-type: none"> ❖ Administration 																				
<ul style="list-style-type: none"> ❖ Finance and Accounts 																				
<ul style="list-style-type: none"> ❖ Student Admission and Support 																				
<ul style="list-style-type: none"> ❖ Examination 																				
6.3 Faculty Empowerment Strategies																				
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year																				
<table border="1"> <thead> <tr> <th>Year</th> <th>Name of teacher</th> <th>Name of conference/ workshop attended for which financial support provided</th> <th>Name of the professional body for which membership fee is provided</th> <th>Amount of support</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Sri Y.Dhana Sekhar</td> <td>Work shop on Robotics</td> <td>JNTU-K</td> <td>Rs 800</td> </tr> <tr> <td>2</td> <td>Dr. B.Suri Babu</td> <td>Hands on training on Google Earth Engineering</td> <td>JNTU-K</td> <td>Rs2000</td> </tr> <tr> <td>3</td> <td>Sri Atcha Rao</td> <td>Role of AI in speech and image processing</td> <td>Aditya College of Engineering -Surampalem</td> <td>Rs1000</td> </tr> </tbody> </table>	Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	1	Sri Y.Dhana Sekhar	Work shop on Robotics	JNTU-K	Rs 800	2	Dr. B.Suri Babu	Hands on training on Google Earth Engineering	JNTU-K	Rs2000	3	Sri Atcha Rao	Role of AI in speech and image processing	Aditya College of Engineering -Surampalem	Rs1000
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6.3.2 Number of professional development / administrative training programmes organized by the College																				

for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2023	Advanced Digital design using VERILOG”	Advanced Digital design using VERILOG”	2-11-23	50	10

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Industry 4.0/5.0	12	15-10-2023 to 27-10-2023
Role of AI in speech and image processing	15	05-02-2024 to 10-02-2024

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
79	79	43	43

6.3.5 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	yes

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution has an internal and external auditing system, with internal auditors analyzing and verifying revenue, costs, and capital expenditures, and external audits on a quarterly basis. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects. When the audit team notices minor mistakes, omissions, or commissions, they are quickly fixed or rectified, and precautions are made to prevent future occurrences. The institute consistently uses a system for internal and external financial audits. Officials delegated from the central office execute internal audits on a regular basis, and the reports are received before conducting the external audit, which is typically done after the accounts have been closed in all respects

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding	Funds/ Grants received in Rs.	Purpo
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agencies/ individuals		se

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	yes	JNTUK	yes	Committee constituted by college management
Administrative	yes	JNTUK	yes	-do-

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

6.5.3 Development programmes for support staff (at least three)

6.5.4 Post Accreditation initiative(s) (mention at least three)

- Autonomous status of the Institute
- Green Audit and Energy Audit
- Faculty book publications
- MOUS signed
- Prizes at national level for sports

6.5.5

- a. Submission of Data for AISHE portal : Yes
 b. Participation in NIRF : No
 c. ISO Certification : Yes
 d. NBA or any other quality audit : No

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-- ----)	Number of participants
2023	Health consciousness	21-06-2023	21-06-2023	150
2023	Academic audit	10-02-2024	10-2-2024	92

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Women empowerment	08-03-2024	184	15

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
 Percentage of power requirement of the College met by the renewable energy sources

Solar power generation plant of rated capacity : 100Kw
 No of plates : 308
 Average power generation : 400 units

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	yes	3
Provision for lift	Yes	100
Ramp/ Rails	yes	3
Braille Software/facilities	Nil	nil
Rest Rooms	Yes	120
Scribes for examination	Yes	5
Special skill development for differently abled students		
Any other similar facility		

7.1.4 Inclusion and Situated ness

Enlist most important initiatives taken to address vocational advantages and disadvantages during the year

Year	Number of initiatives to address vocational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
NSS	14-11-23 to 15-11-23	200

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Green campus
- Waste to Wealth
- Rainwater harvesting
- Solar water heating system
- Swatch Bharat Abhiyan

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the

institution as per NAAC format in your institution website, provide the link

- Green campus
- University rank
- Participation of students in NPTEL-on-line certification programs.

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the web link of the institution in not more than 500 words

8. Future Plans of action for next academic year (500 words)

- The Institute achieved Autonomous status for the current academic year. This gives the flexibility to design courses/electives that are required for the industries located near by.
- The automation of the documentation required for the teaching learning process. This includes the automation of lesson plans, the course and subject files, the attendance system and the feedback of the students and the parents.
- Encourage the staff members for pursuing Ph.D
- Accreditation of the departments by NBA
- New Education policy
- Choice based Credit system
- To encourage more publications in reputed journals

Name Dr. Ch. v. Subba Rao

Name Dr. E. Sarva Rameswari



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC


PRINCIPAL

**Kakinada Institute of Technology and Science
Tirupathi (V), Divili, Peddapuram (M)
Kakinada Dist.-533 433**

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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