



**SELF STUDY REPORT**  
**FOR**  
**1<sup>st</sup> CYCLE OF ACCREDITATION**

**NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING AND  
TECHNOLOGY**

**DOOR NO. 16-4-1/A, NEW MALAKPET  
500024**

**[www.nsakcet.ac.in](http://www.nsakcet.ac.in)**

**Submitted To**  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
**BANGALORE**

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## **Executive Summary**

### ***Introduction:***

Nawab Shah Alam Khan College of Engineering and Technology (NSAKCET) was established under the aegis of the Madarsa-i-Aizza society, in 2008, located in the heart of the historic city of Hyderabad. It was founded under the leadership and patronage of our founder Chairman Nawab Shah Alam Khan sahib who was a leading light at national level with respect to minority education. NSAKCET believes in imparting quality technical education with values. NSAKCET has under its umbrella six (6) UG programmes i.e. B.Tech (CSE), B.Tech (IT), B.Tech (ECE), B.Tech (EEE), B.Tech (Mech. Engg.), B.Tech (Civil Engg.), and four (4) P.G. programmes i.e. M.Tech (CSE), M.Tech (HVAC), M.Tech (Struc. Engg.) and M.Tech (Embedded systems).

NSAKCET is approved by AICTE and Govt. of Telangana and affiliated to JNTUH Hyderabad.

It is a private, unaided, self financing, co-educational minority institute which is catering to the academic upliftment of the economically backward minority community. NSAKCET possesses well qualified and experienced faculty members as per the norms and state of the art resources equipments and laboratories.

Under the patronage of the Madarsa-i-Aizza society, the NSAKCET management facilitates the realization of the objectives and goals of the vision and the mission of the institute. There is not only an earnest desire and will to make the institute as one of the best in the field of engineering education but also constant endeavors, initiatives. Feedbacks are taken regularly by the top management of the college to grow exponentially in the meeting the industry expectations.

### ***Vision:***

To be a leading institute of world class quality technical education with strong ethical values, preparing students for leadership in their fields for the dynamic and global careers, developing breakthrough environment for professional education and research.

### ***Mission:***

To enable the students to develop into outstanding professionals with high ethical standards capable of creating, developing and managing local and global engineering enterprises

To ensure quality assurance by fulfilling expectations of the society and industry with state of the art technology.

To attract and retain knowledgeable, creative, motivated, and highly skilled individuals whose leadership and contributions uphold the college tenets of education through student – centric learning methodologies.

To provide opportunities for deserving students of all communities

To promote all round personality development of the students through interactions with alumni and academia.

## **SWOC**

### ***Institutional Strength :***

NSAKCET caters to the academic needs of the economically backward minority community. It has the locational advantage that it is situated in close proximity of SCRs Malakpet railway station, the latest Metro Rail station, MGBS making it accessible to all the stakeholders.

The representatives of the top management of the college are always available in the institute during all working hours and accessible and responsive to all the stakeholders i.e. the staff, students, alumni and parents. This facilitates quick and fast decision making and implementation of policies at micro and macro level of administration. While an effective hierarchy is created as per the established norms of the academic administration, yet each member of the institute is given equal importance and motivated and inspired to be an effective wheel in the realization of the vision and mission of the institute.

NSAK ensures that proper financial budgeting and allocation is done to meet the requirements of the infrastructure, salaries, and all the facilities and amenities at all times.

NSAKCET provides a pollution free environment to ensure and promote occupant health and a feeling of wellbeing so as to work proactively towards attaining useful knowledge. It also provides an energy efficient facility to reduce the energy usage considerably and provides alternate sources of energy with minimal maintenance issues, while improving the comfort and safety of campus buildings which includes a heritage structure as well.

A fully automated library which is equipped with 19733 books, 1380 E-journals, 10759 E-books, 7000 Articles, 97 Journal subscriptions, 50 rare books and special reports, 108 titles from foreign authors, 62 titles as non book materials.

Online feedback is collected periodically from all stakeholders in order to analyse and taken prompt action to strengthen the education quality.

Teaching-learning process has been strengthened through effective use of ICT facilities.

All facilities are in place for conducting Sports, Yoga and cultural activities

Extensive NSS activities for inculcating human values through blood donation camps,

A variety of add on programmes, Certificate courses and workshops for both students and faculty are conducted on a regular basis.

### ***Institutional Weakness :***

Of late the admitted student count has decreased due to various reasons all through the state of Telangana but despite the less admissions during the last few years and the financial losses incurred thereof, the management was committed to the cause of maintaining the above mentioned facilities in the college.

The caliber of the students joining the college from the neighbouring localities which include slum areas and economically backward areas, is not upto the mark . Hence it is an uphill task for our teaching staff to put in the extra efforts in order to raise these student's standards and produce good results in academics.

### ***Institutional Opportunity :***

Plan to start state of the art incubation and research centres to improve research work under all departments..

Have applied for 2(f) and 12 (b) of UGC for approval. Plan to get funds and grants to improve our Research and development work in an extensive manner.

Close vicinity to the premier institute like IIT-H, IIITH, University of Hyderabad, Osmania University and JNTUH, provides opportunities to promote faculty exchange and technology transfer.

As the institution is centrally located many eminent Professors are a part of our team and their services can be utilized for the betterment of our standards and obtaining grants and funding for innovative projects for all streams from the government agencies like DST, UGC, AICTE etc.

TASK (Telangana Academy for Skill and Knowledge) , established by the Government of Telangana to enable a platform between Government, Academia and Industry to enhance employability quotient of youth in the state, frequently conducts off campus placements for our students as we have registered with it. We look forward to conduct large scale On campus placement drives in the coming future.

### ***Institutional Challenge :***

Constantly increasing financial issue like delay in releasing the scholarship amounts of the students under the convener quota from the State government, poses the biggest challenge for disbursement of salaries and other expenditure.

Our college aims to fulfill the vision and mission for an overall development

Implementing total ICT enabled teaching methodologies.

Complete automation of all the college management activities to achieve e-governance in the campus. With an average standard of the students, we plan to improve our academic results and placements. The main challenging issues is being located in the heart of the metropolitan city surrounded by slum areas and other residential localities, maintaining a vast span of green campus is in itself a big challenge.

### **Criteria wise Summary**

#### ***Curricular Aspects :***

The institution has a well planned curriculum as prescribed by JNTU Hyderabad, which is the affiliating university. In addition to this, a number of certificate courses industrial visits, guest lectures by eminent academicians & industry experts workshops technical fests are conducted regularly to enhance the basic skills of the students.

About 4% faculty are member of BOS in various institutions. About 2% of the faculty members have studied at IITs, NITs, or IIITs.

During the last five years, a number of new courses like Disaster management, intellectual property rights, Non-conventional power generation. Big Data analysis have been introduced keeping in view the latest trends in Engineering.

All the courses are Under Choice Based Credit System(CBCS) and offer elective courses. Cross cutting issues are addressed through courses like Gender sensitisation lab, Environmental science & professional ethics. In addition to the above courses lectures are being organised through eminent speakers on the above mentioned topics for overall personality development of the students and on communication skill development, personality development, other life skills. About 75% students have participated in internship program and projects.

A well structured feedback system is available for the students, parents, Alumni and teachers. The feedback is analysed and action taken is uploaded on college website.

#### ***Teaching-learning and Evaluation :***

Nawab Shah Alam Khan College of Engineering and Technology strives to enhance the teaching learning and execution process in line with the vision of the college to prepare our students for global careers in education and research. The institute comprises of students and faculty members from different states of the country and also from different categories. The institute follows a streamlined mechanism to assess the newly admitted students and organises special programs for slow learners and advanced learners. Facilities are available for the physically handicapped students and faculties like lifts and ramps. The students and full time teachers ratio is well maintained as per AICTE and JNTUH norms by recruiting experienced full time teachers against sanctioned posts. The faculty of the institute is well experienced and all the departments have teachers with PhD degrees. NSAKCET follows an excellent learning process of the student by interacting his or her hidden potentials through student centric methods such as experiential learning, participative learning and problem solving methods. The academic calendar given by the university is perfectly followed by the institute. The majority of the faculty uses ICT for effective teaching with learning management system and e-resources. The institute also follows a mentoring system to deal with academic and stress related issues of the students. The evaluation process followed by the institute is such that the students understand each and every topic of syllabus by adopting numerous method. The examination related grievances are also maintained efficiently which are time bond by maintaining a log book. The program outcomes, program specific outcomes and course outcomes are well communicated to teachers and students by displaying on the website. Different methods are adopted by the institute to evaluate the attainment of the course outcomes and program outcomes such as result oriented assessment and feedback oriented assessment. The pass percentage of the current year is 40.59%.

### ***Research, Innovations and Extension :***

The institution has taken initiatives for the creation of an ecosystem to promote innovation on our campus. The management has provided research and training to faculty and students that helps in creation and transfer of knowledge. These initiatives include Research & Development (R&D) cell and Entrepreneurship cell. R&D cell helps in guiding the under graduate and graduate students and researchers with access to national and international journals. Entrepreneurship cell helps students to interact with technocrats and businessmen, and organizes industrial visits to gain practical knowledge. The institution has a code of ethics to check malpractices and plagiarism in research. The Intellectual Property Rights (IPR) cell was established in the year 2018

The institution has conducted 20 workshops/seminars during the last 5 years on Industry-Academia Innovative Practices. Since highly qualified and experienced faculty members are available in the institute, research guidance work is continuously going on a number of projects in many streams of engineering.

The institute encourages the staff members who received national or international awards or recognition by felicitating them through awards certificate mementos and increment in salaries. Many awards have been received by the faculty members of this institution.

Highly experienced senior professor are working in the institute who are always available for research guidance. Faculty members are continuously encouraged and motivated to join PhD courses during the past 5 years. 18 PhD's have been awarded under the guidance of senior professor of the institute.

The Institution gives top priority to R&D work. Retired Dean of Osmania University Dr. Ramesh Reddy is working as director of R&D cell. All the faculty members are encouraged to publish research papers in journals National and international. 180 research papers encompassing all the six streams of Engineering that are available in this Institute have been published during last 5 years.

The college organizes various extension programmes under the National Service Scheme to make the students aware of their social responsibilities and ignite the spirit of service to society. Hence, the institute constantly engage students in various activities such as Swachh Bharat Abhiyaan, Health Camps, Blood Donation, etc.

### ***Infrastructure and Learning Resources :***

The College campus has beautiful lawns, Tamarind trees, Rose plants, Rain water harvesting Structures to re-charge ground water during rainy seasons. and Lift facilities. Apart from that The Institution has highly qualified professors having Doctorate Degrees to impart Knowledge to the students of U.G and P.G Courses. The Class rooms have LCD projectors to display visual and audio Programmes for different branches namely 1. Civil Engineering 2.Mechanical Engineering 3. Electrical Engineering 4. Electronic Communication Engineering. 5. Computer Science Engineering and 6. Information Technology.

For the Students and staff there is RO drinking water plant which filters bore well water. The basic facilities like a spacious Canteen, three neighbouring ATMs, lifts, and Railway stations, bus stations and airport are in close vicinity. Besides the institution has a beautiful Library of 25,000 volumes. The Books are issued through ILM (Integrated Library Management System). The Library has a Database of NPTEL lecturers.DELNET, BOOK BOON .COM,Down load e-Books Free) and National Digital Library of India. The Institution having 120 numbers of International Journals and National Journals.

The Institution having well equipped laboratories for all 6 Branches for U.G. and P.G. Programmes. Keeping the Curriculum in mind the laboratories are well equipped with state of the art equipment and Charts to inculcate Practical Knowledge amongst the students . All the Computers are connected to LAN facility and the campus is Wi-Fi enabled.

For any averting fire accidents fire safety devices are provided in each corridor and at each floor.

In the campus other facilities such as Seminar Halls, Conference Halls, Digital Library Room etc., are available to the students. The Institution has adequate facilities for Sports and Games (In-Door and Out-Door), Yoga Center and Cultural activities.

The Campus having High speed wi-fi facility for students and staff of 150 MBPS during the college hours. The Institution got media centre, Recording Facility and LCS etc., .

The institution has got an ecofriendly , energy conserving environment for the staff and students to study in a clean and healthy environment.

### ***Student Support and Progression :***

A well organised system is in place to provide effective learning and growth of the students through motivation and comprehensive guidance. As an integral part of curriculum, academic interest groups are created to boost interest in technical and non-technical activities and to showcase hidden talent. Awareness on career opportunities are provided through Career Guidance Cell by way of conducting several Coaching classes for competitive exams such as GATE, NET, GRE etc.

Fully functional Training and Placement Cell provides training in aptitude, technical and personal competencies and facilitates job placement. Regular counselling sessions are conducted for the students to address the pressures of family expectations, personal expectations, academic pressure, psychological adjustments and identity formation. Remedial coaching is given to the targeted students. Soft skills and Language Lab is also provided to the students to enhance the communication, comprehensive and aptitude skills.

To address the Grievances of the students a Grievance redressal cell is formed and functioning smoothly towards solving student issues related to personal, educational, financial, etc., Economically backward students are encouraged to continue studies with the support of government provided scholarships and also the college provides merit scholarships for outstanding students.

As part of healthy co-curricular activity Sports and cultural events are conducted regularly to bring out inner skills as well to improve the health of the students. Due to continuous motivation several students have taken part in national and zone level competitions and won prizes for the college. Alumni association functions effectively through Alumni meet every year and provide financial and technical support for the students in the form of Guest Lectures in latest trends.

### ***Governance, Leadership and Management :***

NSAKCET believes in not only providing academic education to the students but also considers the holistic growth especially emphasizing the imbibing of ethical values.

The governance of the institute is reflects how the leadership facilitates the realization of the objectives and goals of the vision and the mission of the institute.

NSAKCET does not believe in rigid hierarchy but transparency, participative management providing opportunity to every stake holder and listening to every concerned person before finalization of a decision.

A well defined quality policy has been implemented through the IQAC cell which makes strategic plans to chalk out the necessary actions to be taken to grow and develop the institution in all aspects.

The institution has implemented various welfare measures for teaching and non teaching staff the welfare measure are to support encourage and enhance professional development in teaching and non teaching staff.

NSAKCET organizes frequent professional development programs like Certificate Courses, Short Term Course, FDPs. The following points have also been addressed:

Feedback analysis and action taken has been taken up which promotes transparency between the stakeholders and in turn lays down the improvement strategies for the Management

There are established procedures and processes for planning and allocation of financial resources through the annual external audits.

A proper hierarchical organizational structure is in place with roles and designations

Performance appraisal on an annual basis for assessing and appraising the teaching and non teaching faculties in a well documented manner.

A functional IQAC cell is in place and it implements the participative management.

### ***Institutional Values and Best Practices :***

The institute organises various programmes to promote gender equity and to provide equal opportunities to both the genders. the institute shows concern towards the special needs for the girls and female staff of the college by providing facilities like

common room, restrooms, counselling room.

The institute tries to minimize the consumption of the same by using renewable energy such as solar energy, but installation of solar panels is not efficient as the college is in the city and is surrounded by high raised buildings, so the college uses the natural light source wherever feasible.

Most of the conventional tube-lights are replaced by LED lights. The institute is conscious about the waste management, it has separate lines for liquid waste management and the solid waste is collected in separate bins and segregated. The E-waste is reused as spares wherever possible in labs, students projects, technical models and the remaining E-waste is send to the local suppliers for recycling.

The institute has 3 rain water harvesting pits strategically located to restore ground water level. The institute is concern about the environment, the reflect the same by encouraging several green practices like plantation, bicycles, and using emails and other platforms to reduce the use of papers. the institute invest a substantial amount in green landscaping.

The institute have various facilities for differently abled students like lift, Ramp / Rails, Rest Room, Scribes for examination.

The institute is located in amid of Hyderabad city surrounded by various resourceful organisations / establishments. the institute organises various industrial visits, internship programs, guest lectures from universities/industry .

The institute contribute to the benefit of the society by various initiatives like awareness programs, supply of purified water, scholarship to financially backward students, employment opportunities.

The institution organizes appropriate activities to increase consciousness about national identities and symbols, Fundamental Duties of Indian citizens and other constitutional obligations.

The institute has its Code of conduct handbook for students and staff

The institute conducts various activities for promotion of universal values, national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties.

## Profile

### BASIC INFORMATION

Name and Address of the College	
Name	NAWAB SHAH ALAM KHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Address	Door no. 16-4-1/A, New Malakpet
City	MALAKPET HYDERABAD
State	Telangana
Pin	500024
Website	<a href="http://www.nsakcet.ac.in">www.nsakcet.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Syed Abdul Sattar	040-24561118	7032580275	040-24576985	nsakcet@gmail.com

IQAC Coordinator	Mohammad Sanaullah Qaseem	040-23342285	9866879942	040- 30728892	ms_qaseem@yahoo.com
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<b>Status of the Institution</b>	
Institution Status	Private and Self Financing

<b>Type of Institution</b>	
By Gender	Co-education
By Shift	Regular

<b>Recognized Minority institution</b>	
If it is a recognized minority institution	Yes <a href="#">minority.pdf</a>
If Yes, Specify minority status	
Religious	Muslim Minority
Linguistic	
Any Other	

<b>Establishment Details</b>	
Date of establishment of the college	01-01-2008

University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
State	University name		Document	
Telangana	Jawaharlal Nehru Technological University		<a href="#">View Document</a>	
Details of UGC recognition				
Under Section		Date	View Document	
2f of UGC				
12B of UGC				
Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	<a href="#">View Document</a>	16-04-2018	12	

<b>Details of autonomy</b>	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated	No



colleges?				
<b>Recognitions</b>				
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?		No		
Is the College recognized for its performance by any other governmental agency?		No		
<b>Location and Area of Campus</b>				
Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Door no. 16-4-1/A, New Malakpet	Urban	5.01	16339.4

## ACADEMIC INFORMATION

Details of Programs Offered by the College (Give Data for Current Academic year)						
Program Level	Name of Program/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Intermediate	English	180	116
UG	BTech,Mechanical Engineering	48	Intermediate	English	180	71
UG	BTech,Computer Science And Engineering	48	Intermediate	English	60	60
UG	BTech,Electronics And Communications Engineering	48	Intermediate	English	60	27
UG	BTech,Information Technology	48	Intermediate	English	60	59
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	60	35
PG	Mtech,Civil Engineering	24	B.Tech. Civil	English	18	18
PG	Mtech,Mechanical Engineering	24	B.Tech. Mechanical	English	18	17
PG	Mtech,Computer Science And Engineering	24	B.Tech. CSE	English	18	15
PG	Mtech,Electronics And Communications Engineering	24	B.Tech. ECE	English	18	10

Position Details of Faculty & Staff in the College												
Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	16				37				102			
Recruited	16	0	0	16	26	11	0	37	70	32	0	102

Yet to Recruit	0	0	0
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Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				49
Recruited	29	20	0	49
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				50
Recruited	50	0	0	50
Yet to Recruit				0

### Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	15	0	0	2	1	0	0	0	0	18
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	17	8	0	74	37	0	137

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year						
Program		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	310	0	0	0	310
	Female	141	0	0	0	141
	Others	0	0	0	0	0
PG	Male	35	0	0	0	35
	Female	30	0	0	0	30
	Others	0	0	0	0	0
Diploma	Male	140	0	0	0	140
	Female	94	0	0	0	94
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	2	0	1	0
	Female	0	0	0	0
	Others	0	0	0	0
ST	Male	0	2	1	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	230	147	136	61
	Female	44	75	63	17
	Others	0	0	0	0
General	Male	125	163	193	86
	Female	67	103	87	43
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		468	490	481	207

Provide the Following Details		
Number of Programs	Self-financed Programs offered	New Programs introduced during the last five years
	10	0

Provide the Following Details		

Unit Cost of Education	Including Salary Component	Excluding Salary Component
170491	1022947	3971659

## QIF

### 1. Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

#### Answer:

This Institution follows the curriculum design by the JNTUH. Internal Academic Calendar is prepared which consists of all the academic activities for the Entire Year.

All the members are on college academic who contribute their views and suggestions in curriculum updating and designing to make the students industry ready. College collects innovative ideas from students, alumni, parents and industries before redesigning the process. Active Plan is well prepared before starting of the semester as per the academic calendar of the University and implemented fairly before the beginning of the each year.

- Teaching plan are prepared in advance for the each semester. Accordingly subject allotment is done as per the experience, area of interest, performance of the result for the previous semester.
- College Time Table Committee monitors effective implementation of the Curriculum with the Internal Academic Calendar. In the Timetables workshop, seminar, Library, Industry oriented mini project & value added hours are added.
- The faculty prepare the course file which consist of lesson plan, lecture notes, question bank(Previous Paper), Mid Papers, ect., to fulfill the needs of action plan and uploaded on the college website.
- Mid Examination, Assignment, Pre-final examination is conducted before the University End Examination for the good performance in the End Exams.
- Slow learners and fast learners are identified by the mentors based on the performance and extra support is given in addition to the regular classes.
- Every department conducts Industrial visits, guest lectures, workshop, Industry Expert Seminar to get the real time exposure.
- MoUs is made between the college and Industry to be strong in practical knowledge.
- ICT technology is used to make the class room environment very interactive. Such as NPTEL video lecture, Smart classes, LCD projector in the labs as well as in the classes. .
- College provides flexibility in elective options.
- The campus is fully Wi-Fi enabled with high speed internet access to all students and faculty.
- In central library advanced features are made available, such as Digital Library with e-books, Wi-Fi printing, international journals, international books,
- A campus wide intranet is used extensively to post course notes, learning material and discussions/circulars and share departmental information/documents
- Students are expected to be prepared for the topics being covered in the classroom. The process of course allocation, planning and monitoring of delivery is ensured through departmental Parent Teachers Meeting and reviews.
- The IQAC monitors the conduction of Short Term courses, Trainings Programs to strengthen the knowledge and skill sets.
- Our institution has taken a very proactive role in organizing workshops whenever the curriculum is revised/ updated.
- In addition to this, teachers are imparted hands on training for the new experiments implemented by sending them to research institutions or by calling experts to our institution.
- The co-curricular activities are also designed to supplement the implementation of the curriculum by practically doing things and enhancing the skills of the students.
- All this helps enrich the knowledge of the students and also develops skills in them about organization, leadership, team building, decision making etc.,

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 1.1.2 Number of certificate/diploma program introduced during the last five years

**Answer:** 10

#### 1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
01	03	03	01	02

File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Details of the certificate/Diploma programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

**Answer:** 6.49

#### 1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	02	08	00

File Description	Document
Details of participation of teachers in various bodies	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

**Answer:** 99.62

#### 1.2.1.1 How many new courses are introduced within the last five years

Answer: 265

File Description	Document
Minutes of relevant Academic Council/BOS meetings.	<a href="#">View Document</a>
Details of the new courses introduced	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

**Answer:** 71.43

#### 1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Answer: 10

File Description	Document
Name of the programs in which CBCS is implemented	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meetings.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years**

**Answer:** 41.24

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
501	428	585	525	525

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.3 Curriculum Enrichment**

**1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum**

**Answer:**

Issues like Gender, environment and sustainability, Human value and ethics are given high priority in the institution.

About Gender sensitisation regular counselling sessions are arranged for the first and second year UG students through experienced faculty members and professionals.

The curriculum from JNTUH contains a subject Gender Sensitisation Lab. The students are made to understand the cross cutting issues of dealing with other gender as per the ethics of a civilized society and as per the Indian culture in the most respectful manner.

Women's protection cell, disciplining action committee are available in the college for protection of women. Not single cases of eve-teasing has been reported during the last five years in the college. Events like International women's day are celebrated every year and eminent speakers are invited for lectures.

The importance of environmental sustainability is imparted through lectures on the reduced forest covers, in causing atmospheric temperatures, air pollution, climatic changes etc., and involving the students in making rain harvest pits, planting of trees, keeping the campus clean etc. Government of Telangana sponsored Swachh Bharat Abhiyan & Haritha Haram for under NSS(National Service Scheme) is taken up for the plantations.

The management has taken special care to develop a big lush green lawns and grow a number of trees for eco-friendly campus environment, the significance of which is shown and taught to the students. It is emphasized that if the environment is not retained what will happen to future generations through various ICT techniques such as videos, lecture etc.

Human value and professional ethics are inculcated amongst the student through lectures, videos and small dramas involving students. The morals and ethics of our nations are thought in details to the students to make them respectable citizens of the country. A course on professional ethics is prescribed by JNTUH and is taught to the UG students.

Not a single case of raging has been reported in the college. Counselling of problematic students is arranged regularly under trained counsellors. Blood donation camps, water supplying to the nearby residents.

The Civil Engineering department course has an environmental Engineering lab in which students are taught practically about the environmental problems and the steps required to bring them under control. The students have made rain

harvesting pits for ground water improvement in the campus and carried out projects on the impurity of water in the drains flowing near the college.

File Description	Document
Any Additional Information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years**

**Answer:** 5

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Answer: 5

File Description	Document
Details of the value-added courses imparting transferable and life skills	<a href="#">View Document</a>
Brochure or any other document relating to value added courses.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.3.3 Percentage of students undertaking field projects / internships**

**Answer:** 17.33

1.3.3.1 Number of students undertaking field projects or internships

Answer: 214

File Description	Document
List of students enrolled	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.4 Feedback System**

**1.4.1 Structured feedback received from**

**1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise**

**Answer:** A. Any 4 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

**1.4.2 Feedback processes of the institution may be classified as follows:**

**Answer:** A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	<a href="#">View Document</a>

2.Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Answer: 0.24

2.1.1.1 Number of students from other states and countries year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
6	2	6	0	2

File Description	Document
List of students (other states and countries)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

2.1.2 Average Enrollment percentage

(Average of last five years)

Answer: 66.79

2.1.2.1 Number of students admitted year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
507	497	514	229	497

2.1.2.2 Number of sanctioned seats year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
672	672	672	672	672

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 89.93

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
417	404	417	207	417



File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.2 Catering to Student Diversity

### 2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

#### Answer:

Nawab Shah Alam Khan College Of Engineering and Technology has a streamlined mechanism of continuous monitoring and evaluation of newly admitted students. The institution considers two grading factors to identify the basic standards of newly admitted students i.e. Intermediate marks and Eamcet rank.

Based on the above analysis, the students who score below 60% are identified as slow learners and above 60% are identified as advanced learners. This system is divided to identification of slow learners and advanced learners after admission. An induction program is organized for first year students. They interact with their seniors to get insight about institution.

#### Strategies for slow learners:-

For slow learners, special classes are being conducted after class hours to clarify doubts, explain the critical topics for these students for improving their performance. For irregular students with poor performance, sms and calls are being made by mentors to the parents. Counseling and mentoring sessions are conducted to help these students to solve their problems.

#### Strategies for advanced learners:-

Nawab Shah Alam Khan College of Engineering and Technology takes into consideration for the academic enhancement of the advance learners. Here the faculty acts as a mentor to develop their complete performance by continuous mentoring and guidance. All staff members maintain good relationship with students and deal with their problems in a good manner.

#### Remedial courses:-

##### Slow learners:-

Our college offers remedial courses in which extra time is given to slow learners who learn slowly in class by scheduling separately after college hours. Additional assignments are given to them to improve their concepts and understanding of the course.

Faculty members and program leaders regularly review academic progress and counsel students to improve performance and ensure academic growth and special measures are taken to support the slow learners.

Adequate support is provided to slow learners to overcome academic difficulties by organizing special classes during the semester such as,

- Providing the guidance classes for self study courses like library, internet etc.
- Providing the extra material to improve their subject.
- Engage in social activities /class activities /institution activities to improve their skills. Like debates, elocution, quiz competition, seminars.

##### Advanced learners:-

The advanced learners are identified by the concerned staff member based on student data maintained their performance in internal assessment tests, end semester examinations. Actively participations, involvements, well performances in the class room activities / academic clubs / seminars etc, in our college as well as other reputed colleges.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.2.2 Student - Full time teacher ratio

**Answer:** 7.03

File Description	Document
Any additional information	<a href="#">View Document</a>

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

**Answer:** 0.08

#### 2.2.3.1 Number of differently abled students on rolls

**Answer:** 01

File Description	Document
List of students(differently abled)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any other document submitted by the Institution to a Government agency giving this information	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 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

**Answer:**

Nawab Shah Alam Khan College of Engineering and Technology strives to enhance the learning process of a student by extracting his / her hidden potentials through various student centric methods. This is in line with the vision of the college to prepare our students for leadership in their fields for global careers, by providing a breakthrough environment for professional education and research.

Experiential learning strategies have helped our students to stay focused and has resulted in an increased attention span. It has been observed that, by providing a first-hand experience of the topics by practically making them solve case studies, has made them more attentive and interested in gaining the subject knowledge. To overcome the monotonous nature of a traditional classroom setup, learning by experience has really worked in favour of the students as well as the faculty by conducting industrial visits, internships, field trips and hands-on training through training workshops. This has resulted in increase in the potential of problem-solving, critical thinking and concept retention.

As an example Industrial visits have made our students connect between theoretical knowledge and practical experience. Before the visits, brief explanation of the particular industry is given so that students can prepare themselves and clarify their doubts. The teaching faculty and the guide explain and clarify the doubts. After the visit the students are asked to prepare the experience feedback of the visit.

Participative Learning is also incorporated through group activities to inculcate concept of collaborative participation which gives them an opportunity to voice their opinions and views and just not always listen in a classroom. Students showcase their enthusiasm about learning when they are an active part of the process, through scenarios including group discussions, hands-on training, debates, seminars, quizzes, and Technical fest from time to time.

An activity which is being conducted in NSAKCET is “Student prepared Test Questions”, gives participants the opportunity to ask the questions instead of just answering them.

1. After finishing each lesson, students are asked to prepare between two to four test questions related to the subject content on their own.

2. Instructions will be given to the students on how to solve or come up with the answers to the questions that they have prepared to ask.
3. After preparing the question and answers, interaction session between the students is conducted by dividing them in batches and self evaluation is done.
4. After the interactive session, share their results with the class.

Problem solving methodologies have been used to make the students inquisitive about the concerned topics being taught, by first developing the habit to understand and analyze the problem by raising the question what, why and how. They have to literally visualize their goals so as to formulate their right course of action. We have engaged the students of all branches in special sessions for their mini projects and main projects to inculcate the culture first to understand and formulate the problem, analyze it, and the necessary implementation plan to solve the problem.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### ***2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.***

**Answer:** 64.63

#### **2.3.2.1 Number of teachers using ICT**

**Answer:** 95

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

### ***2.3.3 Ratio of students to mentor for academic and stress related issues***

**Answer:** 15.02

#### **2.3.3.1 Number of mentors**

**Answer:** 81

File Description	Document
Any additional information	<a href="#">View Document</a>

### ***2.3.4 Innovation and creativity in teaching-learning***

**Answer:**

#### **2.3.4**

Institute has designed and shaped its teaching tools to its finest to the requirement and temperament of the students.

Every department is engaged to develop a course file in the beginning of the academic year. The teaching and learning process is made effective and strong in order to nurture critical thinking and innovative thinking to constitute the scientific temperament among the students.

Our institute has put in place extensive infrastructure for technology led learning.

The campus is fully Wi-Fi enabled with high speed internet access to all students and faculty. The faculty members prepare the pre-class materials based on the approved course plans and use various teaching aids such as PPTS and Projectors in the classrooms to effectively deliver the content. Our institution organizes curriculum based Seminars both for teachers and students.

Faculty and students attend Seminars and Workshops in the respective discipline which are organized by the department to know the latest advancement in their respective discipline.

Students are engaged with ICT facilities like e-lectures, digital and virtual. Students are encouraged to think out-of-the-box by Role-plays, Quizzes, Debates, Group Discussions and Technical Fest.

Through Technical Fest students are encouraged to actively participate by making models related to their respective discipline through this students engaged in innovative thinking and creative expressions.

Through the tutorial system all the students of the college benefit with ease from the various support services provided by the college, these include career guidance, academic mentoring and personnel counseling. The students are motivated to take the internships in various organizations according to their disciplines.

Departments also organize field trips, Industrial visits, students projects, internships, case studies etc. All this helps enrich the knowledge of the students and also develops skills in them about organization, Leadership skills, Team building, Decision making, Managerial skills etc.

The major and mini projects taken-up by the faculty are related to the success of science and technology in extending the knowledge to enhance the teaching and learning process in the college.

The college arranges different awareness programmes like SWACHH Telangana/Hyderabad Mission, Haritha Haram Mission, Save water, Health, Disaster management and Fire-Safety.

College organizes various camps under the NSS Scheme like Blood donation, Dental check-up and Eye-testing for the students and as well as the faculties and encourage the students to participate actively in these camps.

College library is well-equipped and provides highly digital library which is automated with DELL NET and also provides membership facilities to access e-books and e-resources. In the reading hall National and International Journals, reference books, Newspapers, Newsletters and magazines are available for the students and faculty.

For the subjects that are very dynamic-like Computer Science, Information Technology guest faculty are invited from industries to interact with the students and give them information about emerging technologies. If need be value addition is brought about by conducting workshops to give hands on training to the students.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Answer:** 105.95

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

**Answer:** 9.57

#### 2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
23	16	20	15	7

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### ***2.4.3 Teaching experience per full time teacher in number of years***

**Answer:** 8.16

##### **2.4.3.1 Total experience of full-time teachers**

Answer: 1199

File Description	Document
Any additional information	<a href="#">View Document</a>

#### ***2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years***

**Answer:** 4.54

##### **2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years**

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
3	1	1	1	1

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### ***2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years***

**Answer:** 12.15

##### **2.4.5.1 Number of full time teachers from other states year-wise during the last five years**

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
28	28	30	14	2

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## **2.5 Evaluation Process and Reforms**

### ***2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level***

## Answer:

NSAKCET is a college affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH), it complies with the syllabus which is authorized by the JNTUH. To carry out repeated evaluation system at the institutional level, there are numerous methods which have been adopted by NSAKCET. This not only results in the timed manner of understanding each guideline and also understands the concept historically.

The students are initially made aware of the syllabus of their respective year/semester and unit wise split. Every topic pertaining to the schedule is taught in detail and a slip test is conducted, of which the students are notified in advance. Teachers solve possible queries of the students. Moreover, in detail discussion of the topic is conducted in the class which makes a student aware of the concept of the test. The knowledge of the students is nourished from the basic level by implementing the objective test (slip test).

For the undergraduate programs, two mid exams which carry 25 marks each are conducted by the college in collaboration with JNTUH, which comprises of 10 marks for descriptive, 10 marks for online objective and 5 marks for assignments. The average marks of both the test are considered to be final mid marks. The end semester examination conducted by the university is for 75marks.

Preparatory (Pre-final) exams are conducted before the commencement of the mid exams, to ensure confident approach of the students. The students benefit from this continuous evaluation system before appearing for the university examinations, the university announces the schedule of the main examinations.

### Reforms in the Evolution Process

Faculty conduct slip test, unit test, pre-final, assignments, tutorial and remedial classes to evaluate student's performance to get better results. CCTV cameras and examination coordinator from all departments bring into use to monitor, and conduct exams smoothly.

In addition to the objective tests (slip tests), regular examinations take place after each unit is covered from the syllabus. These are then followed by the first and second mid-term examinations. These tests/exams help the teachers in assess all their students and determine the slow and advance learners. The evaluation is carried out through theory as well as practical examinations. The assessment always remains impartial and accurate. The teachers give feedback to the students depending on their assessment and help them identify areas where there is a scope of improvement. Pre-Final exams are conducted before the commencement of the mid exams, to ensure confident approach of the students.

Moreover, the faculty member evaluates the answer scripts of the students after each examination and distributes it to them for any clarification in doubts or re-corrections. The faculty members then submit all the answer scripts to the examination branch. The principal conducts meeting with the HOD's of the respective departments, primarily focusing on the discussion of the mid-term results and scope of improvements to be made in future.

After evaluation, Course Outcome Attainment is calculated. The GAP is found on the basis of Course Outcome Attainment and necessary actions are taken.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

## Answer:

Internal Assessment is carried out to make sure that the students understand each topic in detail. As a result the internal assessments are carried out regularly so that the students are up to date with the syllabus prescribed by the university. The question papers are being prepared the faculty who is responsible pays close attention to the syllabus prescribed and the syllabus covered in the classroom. A moderate level of difficulty is maintained for the question paper. Students are exposed to varying patterns and types of question so that they are all well versed with the syllabus. After the approval, the question papers are sent by email to the exam branch. Two sets of question papers are submitted to the exam branch by the respective departments, the principal selects one question paper before the commencement of the exam. The selected set of the question paper is then selected for the examination, the examinations are conducted as per the rules and regulations prescribed by the university. Invigilators are allotted to make sure that the students follow the same code of conduct as prescribed by the university. The faculty members evaluate the answer scripts and discuss complete question paper with

students and help students understand, prevent errors they committed in the exam. The students who performed very well are appreciated and the ones who need to improve are given suggestions on how they could perform better in the upcoming examinations. The marks are verified by both the teachers and the students before being displayed on the notice boards.

### **Procedure for internal assessment**

#### ***Theory Courses***

As per the standards given by the university, there are two tests conducted in which each of the test consists of 25 marks. The division of marks is as follows – 10 marks for the descriptive aspect, another 10 marks for objective and lastly, 5 marks for assignments. The mean of the two tests is taken as the final marks.

#### ***Practical Courses***

All the experiments done by the students are executed and evaluated on the basis of the experiments prescribed by the university. There is one internal test in a semester. Again, the basis for the assessment and evaluation of the internal assessment marks (25 marks) as per university guidelines.

#### ***Non-Academic***

The faculty members of the institute believe that along with academics, the participation of the students in different co-curricular activities is very important for their growth; hence the students are motivated to do so. Apart from the above, mini project for 50 marks is given. In addition to the projects, a comprehensive viva-voce and technical seminar presentation are also conducted. The projects done by the students are reviewed by internal guide, project coordinator and the head of the department. The industry oriented mini project as well as the major project are evaluated by the head of the department, an internal guide and also an external examiner. The marks awarded for the project are based on concept creation, project report, attendance and the problem solving ability of the student.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### ***2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient***

#### **Answer:**

- In the mechanism related to examination grievance in a time bound and efficient manner the exam branch of the college is responsible for dealing with all the grievances, complaints regarding academics issues related to the examination branch.
- The exam branch of the college accepts the complaints and grievances of the students and solve them within the time limit with transparency and efficiency
- The examination committee is an apex body of the institute which is headed by exam branch in charge and shall be facilitated by three section i.e., examination records, maintenance and Administration
- The main function of this committee is to conduct out examination, announcement of results and award certification to the students who pass the final examination and addressing the student grievances.
- Keeping the record of grievances and complaints related to examination and solving them in an efficient manner and student's satisfaction by guiding them in a proper manner.
- The EI of the college is the faculty member (Associate professor Level) who carries out all the duties and responsibilities with the help of a committee of 5 to 6 members to perform various functions related to exam branch.
- These examinations are conducted with at most care, transparency and fairness.
- The genuine grievance given by the students is evaluated by the examination branch committee to take the necessary action on it and the response is immediately given to the complainant.
- Grievance is received in writing from the student related to timely issue of duplicate mark sheets, hall tickets and recounting. Re evaluation ,permission for attending the exam in the absence or forgotten of Id card and hall tickets spelling mistake in marks memo ,questions which are out misprinted and permission for asking data book in some numerical subject in the external examination
- All these above grievance are accepted from the students and make to solve it with time bound, transparency and efficiently with student's satisfaction. But this year we have during this year an online grievance redresses system



has been deployed in the website of the institute to all to attend all their grievances in a prompt and efficient manner.

- Any small issues during the exam are resolved by the invigilator with the cooperation of the exam branch in charge and other co coordinators.
- After the declaration of the results from the university if any student is having grievances or complaint he/she is advised to go for recounting or re evaluation and the application is forwarded to the university.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### ***2.5.4 The institution adheres to the academic calendar for the conduct of CIE***

##### **Answer:**

The institution ensures effective time management and time lines. It receives the university given almanac and adheres to it. The college carries out effective planning to strive to the academic calendar. Subject loads are allocated to faculty members well before advance so that they can make the plans. Every faculty prepares teaching plan for each theory and laboratory course before the start of semester. Academic calendar is the backbone of various teaching-learning plans prepared before start of every semester. Every department creates internal calendar to ensure timely delivery of syllabus. This is followed by making lesson plans for every subject by each department.

Every academic year consists of two semesters. Each semester is of 16 weeks. The first continuous internal examination (CIE I) also known as MID I along with the lab internal 1 is conducted after 8 weeks of class work. CIE II (MID II) and lab internal II are conducted after 16 weeks of class work. Within the above mentioned 8 weeks of class work, the concerned syllabus is taught to the students. They are then tested on the same course material.

The college conducts assessment to the students in three different components – theory, objective and assignments. The theory component is marked out of ten marks. The objective component is marked out of ten. The assignment is marked out of five. These tests are carried out in evenly spaced out interval to avoid pressurizing the students with too many examinations. Before the scheduled dates prescribed by the University for Internal/mid Examinations the faculty submit the question papers and scheme of valuation to the examination cell. The exams are conducted by the examination cell as per rules set by the university. All question papers are based on the OBE format. They are mapped with their respective course outcomes that are stated in the beginning of the course. The total duration of the each Semester shall include registration, teaching, continuous internal evaluation, tests, end of semester examination, evaluation, result declaration & vacation. College should upload the internal marks of theory subjects, lab work, mini project, technical seminar, comprehensive viva and main project in the stipulated time given by University. The total marks secured by the student in each midterm examination are evaluated for 25 marks, and the average of the two midterm examinations shall be taken as the final marks secured by each candidate.

Every department in the institute keeps an eye on quality on teaching, learning by daily monitoring of teaching-learning activities by the head of the department and respective class coordinators, continuous counseling through departmental meetings, and students feedback on teaching-learning activities. Apart from these activities remedial classes are conducted for the weak students who score less marks in MID exams after proper identification based on cut off marks as decided by the head of the institution. Students are encouraged to actively participate in the remedial classes and improve their performance.

The institute refers the academic calendar to adhere to the planned curriculum and other activities.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>



## **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 on website and communicated to teachers and students**

**Answer:**

### **Program outcomes**

- 1. ENGINEERING KNOWLEDGE:** To apply the knowledge of various fields such as Science, Mathematics & Engineering, and to provide specific solutions for engineering problems.
- 2. PROBLEM ANALYSIS:** An ability to design a system and to solve basic engineering problems, which are required for all Engineering fields.
- 3. DESIGN & DEVELOPMENT OF SOLUTIONS:** To provide solutions for engineering problems the design basic system and components to meet the requirements of public safety & environmental concerns.
- 4. CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:** To apply the basic knowledge of engineering to design & conduct experiments to solve the complex engineering problems.
- 5. MODERN TOOL USAGE:** To apply the modern engineering tools in the field of engineering to solve basic and complex engineering problems.
- 6. THE ENGINEER & SOCIETY:** To understand the responsibility related to professional engineering practices.
- 7. ENVIRONMENT & SUSTAINABILITY:** To provide the impact of engineering solutions in global & environmental contexts.
- 8. ETHICS:** To know the social responsibilities and apply ethical principles and commitment in practice.
- 9. INDIVIDUAL & TEAM WORK:** To function effectively as an individual and also as a member of a diverse team.
- 10. COMMUNICATION:** To communicate effectively in various complex engineering activities and give an innovative idea for any presentation or documentation activities.
- 11. PROJECT MANAGEMENT & FINANCE:** An ability to initiate the interdisciplinary projects in various engineering fields and demonstrate knowledge and understanding of the engineering and management principles.
- 12. LIFE LONG LEARNING:** To have preparation and ability to engage in independent and life-long learning in context of technological revolution.

### **CSE PSO:**

PSO1-Professional Skills: The ability to understand, analyze and develop computer programs in algorithms, system software, web design and networking.

PSO2-Problem-Solving Skills: The ability to apply standard practices and strategies to deliver a better quality product for business success.

ECE Program Specific Outcome:

PSO1- To design a variety of projects for applications such as Digital image Processing, WSNs, Artificial Intelligence, Communication, VLSI, & signal processing.

PSO2- To select & apply the cutting-edge engineering hardware & software tools & to have a successful career.

### **EEE PSO:**

PSO1- It is an ability to analyze the knowledge of mathematics science, Electrical and Electronic Engineering systems like power systems, control systems..

PSO2- To design and develop software based MATLAB, MIPOWER etc and allied to the current real time projects.

### **IT PSO:**

PSO1- Apply software design and to develop applications in emerging areas such as Cloud and High performance computing, Data analytics and Cyber security.

PSO2- The ability to employ modern computer languages and platforms in creating innovative career paths for higher studies.

**ME PSO:**

PSO1- Solve real life industrial problems in manufacturing through practical experience gained during the program.

PSO2- Acquire knowledge of advanced technologies in manufacturing, computational techniques of simulation and analysis.

**CE PSO:**

PSO1- To Plan the building and perform analysis, design, estimation and execute all kinds of Civil Engineering Projects.

PSO2- To adopt new innovative technology and use modern techniques, So as to complete the project within the stipulated time and funds.

File Description	Document
COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution**

**Answer:**

The process of attainment of Course outcomes, Program outcomes & Program specific outcomes is initiated by preparing course outcomes of all programs of the institute. Primarily the CO's are prepared by the concerned faculty considering the taxonomy of significant learning, proficiency in achieving the course outcomes. Different sources of learning are considered such as e-Learning, PowerPoint presentation and practical demonstration is done.

The concurrence of CO's, PO's & PSO's is established by rating scale 1, 2, 3

- 1 Represent low concurrence
- 2 Represent moderate concurrence
- 3 Represent high conference

The subsequent analysis strategies are used for the evaluation of program outcomes and program specific outcomes.

**1) Tangible strategies**

- Midterm examination
- Weekly test and assignments
- End exams of the semester

These activities comprise of the following components

**Midterm examination:** The examination incorporates 20 marks in which 10 marks are awarded for descriptive and 10 marks are for the objective. In this activity cynosure is on rack up of the course outcomes. This is done twice a semester.

**Weekly test and Assignments:** This activity incorporates 5 marks. Students are tested on the weekends. The test includes the syllabus covered in the complete week. Furthermore, after completing a chapter, assignments are given to the students which include strenuous problems of the course. The evaluation is done on the basis of fulfillment of the task.

**End exams of the semester:** Exam is on the complete course outcome of the semester, which comprises 75 marks. This is the benchmark to analyze whether the course outcome is achieved or not.

**2) Intangible strategies:** Feedbacks are taken from subject experts and different Organizations on the program outcomes.

After each semester official summary is produced. In this the data of students who had engaged in different professional activities such as conferences ,technical fests ,industrial tours etc. is collected and is reviewed in intangible apprise of program outcomes.

### Assessment of reports

Records are taken from different sources such as Industries, old graduates, job fairs etc.

**Job fairs report:** In this requirements of various companies are taken.

**Full graduate report:** Feedbacks are taken from the students pass out batches of previous year regarding the academic resources provided in the institute and attainment of PO's is mapped.

**Maven report:** The update of global requirements of different employer is taken.

After considering all these reports evaluation of course outcome is done, 75% of tangible Strategies and 25% of intangible strategies is considered.

According to this evaluation attainment levels A B C are designated

A represents attainment of  $\geq 70\%$

B represents attainment of **60 to 69 %**

C represents attainments of **40 to 59 %.**

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.6.3 Average pass percentage of Students

**Answer:** 49.38

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Answer: 80

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Answer: 162

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.7 Student Satisfaction Survey

#### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Answer:** 3.23

### 3. Research, Innovations and Extension

#### 3.1 Resource Mobilization for Research

**3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)**

**Answer:** 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of project and grant details	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.1.2 Percentage of teachers recognised as research guides at present**

**Answer:** 0.68

3.1.2.1 Number of teachers recognised as research guides

Answer: 01

File Description	Document
Any additional information	<a href="#">View Document</a>

**3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year**

**Answer:** 0

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Answer: 0

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Answer: 0

**3.2 Innovation Ecosystem**

**3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge**

**Answer:**

Our institution has taken initiatives for the creation of an ecosystem to promote the innovation on campus. The management has provided research and training to the faculty and students that helps in creation and transfer of knowledge. These initiatives include the Research & Development Cell and the Entrepreneurship Cell.

**Research and Development cell:**

The R&D Cell at NSAKCET is headed by Dr. Ramesh Reddy, Dean (Research). It has been guiding and facilitating the under-graduate and graduate students and researchers with the state of the art facilities including lab equipment,

softwares, high speed net connections, and library resources like access to national and international journals & magazines. Many young researchers are working in core engineering areas like Civil, Mechanical, Electrical, Electronics and Computer Science, while others are studying the dynamics of multi-disciplinary streams.

#### **Functions of the Cell:**

- To create and promote research culture on campus
- To provide guidance and awareness on the latest and emerging trends in engineering
- To facilitate the researchers with required infrastructure
- To motivate the students to publish their findings in conferences and journals

#### **Research and Development Committee**

S No.	Name	Designation	Position
1	Dr. Syed Abdul Sattar	Professor & Principal	Chairman
2	Dr. Ramesh Reddy	Professor	Director (R&D)
3	Prof Syed Farrukh Anwar	Vice Principal – Admin	Member
4	Dr. Sanaullah Qaseem	Vice Principal – Academics	Convener
5	Prof Raza Ahmed Khan	Principal – Polytechnic	Member
6	Dr. Ahmed Hussain	HOD – Civil	Member
7	Dr. Maqbool Hussain	HOD – Mechanical	Member
8	Ms. Zeenath	HOD – ECE	Member
9	Mr. Mansoor Ali	HOD – EEE	Member
10	Dr. G S Rao	HOD – CSE	Member
11	Dr. Nizamuddin	HOD – IT	Member

#### **Entrepreneurship Cell:**

This cell helps the students in identifying entrepreneurial opportunities by conducting surveys and business opportunities.

#### **Functions of the Cell:**

- To invite renowned guests from small and large scale industries and organize orientation lectures
- To visit nearby localities and promote entrepreneurial education to the students
- Students are encouraged to utilise college facilities and laboratories in addition to their prescribed course of studies

#### **Moto:**

The institution has set up entrepreneurship cell which organizes interactions for motivating and encouraging students for entrepreneurship. The institution plans with technocrats and businessmen, and organizes industrial visits for respective

field of specialization to gain practical knowledge. The cell also organizes interactive talks delivered by industrial executives and experts to instill entrepreneurship spirit and zeal amongst students. It encourages the students to think creatively and innovatively and guide them in their projects.

The main policy of the institution is to create awareness and promote entrepreneurship skills among students. It is to encourage the staff and students to involve themselves in innovative practices and various researches which in turn lead to research publication.

### Entrepreneurship Committee

S No.	Name	Designation	Position
1	Dr. Syed Abdul Sattar	Professor & Principal	Chairman
2	Prof. Syed Farrukh Anwar	Professor & Vice Principal	Convenor
3	Prof. Raza Ahmed Khan	Professor	Member
4	Dr. B Srinivas Reddy	Professor	Member
5	Dr. Ramesh Reddy	Professor	Member

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

**Answer:** 1

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description	Document
Report of the event	<a href="#">View Document</a>
List of workshops/seminars during the last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

#### 3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

**Answer:** No

File Description	Document

Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards**

**Answer:** No

**3.3.3 Number of Ph.D.s awarded per teacher during the last five years**

**Answer:** 0

**3.3.3.1 How many Ph.Ds awarded within last five years**

Answer: 00

**3.3.3.2 Number of teachers recognized as guides during the last five years**

Answer: 01

File Description	Document
URL to the research page on HEI web site	<a href="#">View Document</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**

**Answer:** 1.15

**3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years**

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
41	60	50	12	14

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years**

**Answer:** 0.15

**3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years**

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
08	06	03	02	04

File Description	Document
List books and chapters in edited volumes / books published	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4 Extension Activities

#### 3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

##### Answer:

The institution has undertaken many activities that had great impact on the faculty members, students and the neighbourhood:

- 1.The popular cleanliness initiative of Government of India “Swachh Bharat Abhiyan” was actively undertaken at the institution and tasks like cleaning rooms, gardening, sweeping etc were taken up.
- 2.The plantation programme “Haritha Haaram” was successfully undertaken within college premises over a large area three times, once on 30th August,2017 second on 11th November 2017 and the third on 12th January 2018. Students of UG and Diploma courses voluntarily came forward to plant greenery as part of this programme. It proved to be a remarkable initiative in providing environmental balance to the college and the neighbouring community.
- 3.Job Mela was organized at the college premises to provide career opportunities to the students in high level companies like IBM, TCS, Infosys, Amazon, Google, Wipro among many others. Students from other institutions and many from the neighbourhood colleges turned up actively and many were selected by the premier companies.
- 4.Free Eye Checkup Camp by the name “Kanti Velugu” was held on 4th October 2018 at the seminar hall of the college enabling the Staff, Students and locality people know their visual defects like eye diseases, infections, need of spectacles, their numbering etc.
- 5.CISCO Course was organized in collaboration with CISCO Networking Academy in which many faculty members, students and local unemployed youth actively participated and were given certificates of participation.
- 6.Free Dental Checkup Camp was organized by Bright Smile Doctors in the college and prescribed medicines on 23rd January 2018. It was utilized by most of the students and faculty members among others and neighbourhood community.
- 7.Blood Donation camps have been organized by the college many times wherein many students came forward to donate for the cause of humanity.
- 8.Student Group consisting of students from UG and Diploma along with faculty members was formed to implement ambitious initiative “ROSHNI – A Ray of Hope!” to identify orphanage homes, widows , aged people, the poor and the needy to help them financially, physically and mentally.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

##### Answer: 0

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

##### Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	0	0	00

File Description	Document
Number of awards for extension activities in last 5 years	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>



**3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non-Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years**

**Answer:** 14

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non-Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4	3	3	2	2

File Description	Document
Reports of the event organized	<a href="#">View Document</a>
Number of extension and outreach programs conducted with industry,community etc for the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years**

**Answer:** 0

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description	Document
Report of the event	<a href="#">View Document</a>
Average percentage of students participating in extension activities with Govt or NGO etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.5 Collaboration**

**3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years**

**Answer:** 35

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4	8	9	5	9

File Description	Document
Number of Collaborative activities for research, faculty etc	<a href="#">View Document</a>
Copies of collaboration	<a href="#">View Document</a>

Any additional information	<a href="#">View Document</a>
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**3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)**

**Answer:** 0

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View Document</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	<a href="#">View Document</a>

**4.Infrastructure and Learning Resources**

**4.1 Physical Facilities**

**4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.**

**Answer:**

The college campus is eco-friendly having beautiful lawns and trees. Natural light and air are available to the students making their academic atmosphere enriching. The classrooms are spacious, well built and are equipped with LCD Projectors, microphones, and Marker boards. Minimum electricity is consumed by classes as light and air are naturally available.

The library is stocked with the necessary books pertaining to the syllabus as well as extra references. The students are permitted to borrow books as per the norms, online access to e-journals-magazines and research papers are made available to the students to update with the latest findings and research works.

Students are also encouraged to watch 1.NPTEL 2.DELNET, Videos. Library Hours are allotted to each class for easy access to browse, read and borrow books. Wi-fi and LAN facilities are also provided to the students. This allows students to browse the Internet for academic purposes such as research, Project work etc. The access is monitored by the library staff.

The laboratories are equipped according to statutory norms of the parent university. The laboratories are equipped with instruments, Computers, Charts and list of Experiments and practical knowledge to the students.

All safety measures are taken in the labs. Trained Lab attenders are present during all sessions to provide necessary support. The labs are maintained clean and neat.

Each department is equipped with sufficient number of computers. All the computers are connected to LAN. This helps in communication between departments, students and Teachers. All the computers installed with the prescribed software. Other facilities such as seminar Hall, Conference Hall and Digital library are also available to the students.

◀	▶
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File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc., and cultural activities**

**Answer:**

RESPONSE : The Institution utilizes lot of resources for its students regarding physical fitness and mental fitness by providing sports and games facilities and extracurricular activities. This provides self confidence and positive attitude among the students.

Students are trained in sports under the guidance of full time physical director. Every week one hour is allotted for sports in the time table to enable the students to engage sports and games.

By doing this the students develops physical fitness and and mental stability.

The Students are given regular training in the campus in order to develop their talent in the students at sport and games.

The students participate at various level of competition including intra-college events, inter college university events, and national events. Track suits and blazers are provided for major events. All the participants are awarded participation certificates.

#### OUTDOOR GAMES FACILITIES AVAILABLE

S.NO	NAME OF THE GAME	AREA OF THE GROUND	QUANTITY
1	Volley Ball	500Sqm	2
2	Basket Ball	750Sqm	1
3	Shuttle	400Sqm	1
4	Cricket Net Practice	400Sqm	1
5	Archery	800Sqm	1

**YOGA CLASS:** Nowadays there is lot of stress among the students and staff.

Yoga will certainly heal the stress by meditation yoga classes are conducted for the faculty and students. Separate trainers are engaged for ladies and gents

**CULTURAL ACTIVITIES :** The Institution believes that the overall personality development of the students activities such as 1) Singing 2) Elocution 3) English Essay writing 4) Dancing 5) Mimicry etc.

This will help the students to develop leadership qualities and get rid of stage fear. Every year the college conducts cultural programmes inviting top eminent personalities in respective fields. A Lawn is allotted for conducting different types of cultural programmes. A large number of students participate in these events. It is not possible without participation in extra curricular activities. hence they are encouraged to take part in it.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

**Answer:** 93.75

##### 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 30

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	<a href="#">View Document</a>

any additional information	<a href="#">View Document</a>
Link for additional information which is optional	<a href="#">View Document</a>

#### **4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**

**Answer:** 0

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

File Description	Document
Details of budget allocation, excluding salary during the last five years	<a href="#">View Document</a>
Audited utilization statements	<a href="#">View Document</a>

## **4.2 Library as a Learning Resource**

### **4.2.1 Library is automated using Integrated Library Management System (ILMS)**

**Answer:**

At Nawab Shah Alam Khan College of Engineering and Technology the Library is automated with Perennial Code Library management software, Version 2.2.1, since 2016, which is fully automated library management software purchased from Perennial code IT consultants Pvt. Ltd.

The books are indexed, categorized according to programs and subjects and arranged alphabetically. Currently the library is equipped with 19733 books. Upon an enquiry, the librarian searches in the software and helps the students locate the book. The software has a search option to search for a book by its title. The software contains details about the author's name, title and publishing house. The software shows a real time count of the total number of books accessible from library and number of books borrowed by the students and other library members as each book borrowed and each book returned is logged into the software by the librarian simultaneously.

The software also generates reports to summarize the details such as daily transactions, books borrowed by the students and other library members and also generates book due reports. The software can generate a complete list of library members including student members and employee members segregating them by branch, year and course. Currently the library serves 2429 students members and 147 employee members

Reports can be generated showing a list of library members, list of books available, number of books issued, books returned between a period for example on a particular day or month or even an academic year.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment**

**Answer:**

The library at Nawab Shah Alam Khan College of Engineering & Technology has a collection of 19733 books, 200 student's project reports, 112 e-books, 97 Journal subscriptions, 50 rare books and special reports, 108 titles from foreign authors, 62 titles as non book materials and also remote access to e-resource.

The college also has a collection of handbooks published by various standard societies such as ASHRAE and ISHRAE for HVAC, etc. Whenever the faculty members from Nawab Shah Alam Khan College of Engineering & Technology attends a conference, workshop, seminar and Faculty development program, they collect any material that might be helpful for the

students and is deposited at the college library for student's reference and faculty members for their knowledge enhancement and their research activities.

A separate reference section serves a collection of books for GATE, GRE, TOFEL, IELTS and other Competitive Exams for the students who plan for higher studies.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.2.3 Does the institution have the following:

1. *e-journals*
2. *e-ShodhSindhu*
3. *Shodhganga Membership*
4. *e-books*
5. *Databases*

**Answer:** D. Any 1 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

**Answer:** 9.16

##### 4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
6.63	10.1	10.63	06.81	11.61

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.2.5 Availability of remote access to e-resources of the library

**Answer:** No

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 4.2.6 Percentage per day usage of library by teachers and students

**Answer:** 10.13

#### 4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 140

File Description	Document
Any additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

Our college providing immense facilities to their students with that they excel in their career by utilizing the IT resources. For that our institution frequently updating their IT facilities to deliver best to their students.

Our institution using well-furnished IT equipment's for teaching **32** classrooms is well equipped with LCD projector classroom, digital library, providing online notes and audio video facilities.

The computer and internet connectivity indeed acts as a facilitator for the faculty. Class lectures are conducted as per requirement in the Audio Visual Room which is fully equipped with computers, LCD projectors, projector screens and microphones. Seminars and special lectures are intermittently conducted there. Faculty members prepare computer aided teaching-learning material in the form of lecture notes, power- point presentations, animations, videos etc.

A Wi-Fi enabled campus with good downloading and uploading speed, the whole campus of the college has Wi-Fi facility with a speed of 10 mbps. Students and staff members can access the internet anywhere in campus by JIO private net. Limited access of internet to the student by using Access Control List (ACL). To monitor the activities under campus areas, we installed modern CCTV cameras in the class rooms, corridors, and canteen and at other strategic location and principal itself monitors the CCTV cameras along with the Admin staff. As it is connected with internet it can be access from any location.

Information about upcoming events is available on the website. This information includes the time and date along with details about the event. Following the completion of the event, pictures and minutes of the event are also uploaded in the gallery for easy access. This allows the parents to be aware of the programs being conducted in college as well.

For easier communication, circulars including important notices to students and parents are also posted online apart from social media network like WhatsApp. The academic calendar as well as the course information is also updated in the beginning of every academic year through our portal as well as social media.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio

Answer: 2.17

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer: 5-20 MBPS

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

**Answer:** No

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Link to photographs	<a href="#">View Document</a>

#### **4.4 Maintenance of Campus Infrastructure**

##### **4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years**

**Answer:** 2.94

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
21.58	28.35	19.19	7.36	6.52

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>
Audited statements of accounts.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

##### **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.**

**Answer:**

Laboratory:

The laboratories in the college are furnished according to the statutory rules. Necessary equipment and material is procured to deliver to the students the best standards of education.

- Inquiry is made based on the requisite of the department.
- Quotations are compared and best suitable is selected and recommended in order of preference.
- Purchase order is raised.
- Machinery or software is received by respective departments.
- Preferred location is identified for installation and computer specifications are identified for making the required software compatible.
- Installation is done in the lab area in the presence of the concerned lab in-charge.
- Following the demo, the lab in-charges and lab technicians practically carry out the respective experiment and take necessary readings and run the software. This is done in the presence of the Head of the Department to ensure proper working of the equipment.

Library:

Concerned faculty and students recommends books to be procured in their respective subjects.

Stamping – Library Stamp is put on the backside of the title page, on secret page and on the last page. Bar Codes and Round labels are pasted on the title page and are laminated with Cello tape. Due Date Slip and book cards are prepared. New arrivals are sent to New Additions Rack, Reference Section or Reserve Shelf.

- Three library cards are provided to each student

- He/she can borrow one book on each card. Borrowing period is 15 days.

#### Library Rules & Regulations:

- Students are instructed to maintain silence in the library premises.
- The college Library works on all working days between 9.00 am to 6.00pm.
- Two books will be issued to each student at given time.

#### Classroom

The environment of students when they study plays a pivotal role in their performance. It therefore becomes extremely necessary to provide them with a surrounding that is peaceful, comfortable and spacious. The college takes necessary steps to make this possible.

- Before the commencement of the academic year, depending on the intake of students, head of departments propound the requirement of classrooms to the Principal.
- In case of any damage to the projector, internet or the audio systems, the class mentor brings it to the notice of the HOD by registering the problem in the breakdown register. The necessary follow up is done by the department and steps are taken to fix whatever is broken.

#### Sports:

A sports committee is created to handle the matters and concerns related to sports. This committee consists of students as well as concerned faculty. A meeting is held on the last Friday of every month to discuss matter. Issues like the following are discussed in these meetings:

- Financial - Budget preparation, allocation of budget.
- Organization - planning, executing and conduct of competition

The college requires sporting gear for all the sports practiced.

- A list of the required sports equipment is prepared by the concerned department for each academic year separately.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 5.Student Support and Progression

#### 5.1 Student Support

##### *5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years*

**Answer:** 44.5

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
321	437	556	825	615

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	<a href="#">View Document</a>
Average percentage of students benefited by scholarships and	<a href="#">View Document</a>



freeships provided by the Government during the last five years	
Any additional information	<a href="#">View Document</a>

**5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years**

**Answer:** 0.04

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	1	0	2

File Description	Document
Any additional information	<a href="#">View Document</a>

**5.1.3 Number of capability enhancement and development schemes –**

**1. For competitive examinations**

**2. Career counselling**

**3. Soft skill development**

**4. Remedial coaching**

**5. Language lab**

**6. Bridge courses**

**7. Yoga and meditation**

**8. Personal Counselling**

**Answer:** A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

**5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years**

**Answer:** 37.58

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
451	519	482	500	363

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>

Any additional information	<a href="#">View Document</a>
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### 5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

**Answer:** 7

#### 5.1.5.1 Number of students attending VET year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
171	92	38	51	83

File Description	Document
Details of the students benefitted by VET	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

**Answer:** Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 5.2 Student Progression

### 5.2.1 Average percentage of placement of outgoing students during the last five years

**Answer:** 12.55

#### 5.2.1.1 Number of outgoing students placed year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
12	55	59	49	41

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.2.2 Percentage of student progression to higher education (previous graduating batch)

**Answer:** 1.23

#### 5.2.2.1 Number of outgoing students progressing to higher education

Answer: 2

File Description	Document
Details of student progression to higher education	<a href="#">View Document</a>

**5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**

**Answer:** 5.43

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
4	2	3	0	0

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
29	47	33	26	31

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Number of students qualifying in state/ national/ international level examinations during the last five years	<a href="#">View Document</a>

**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) during the last five years.**

**Answer:** 1

5.3.1.1 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-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	00	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution**

**Answer:**

**Response:**

NAWAB SHAH ALAM KHAN COLLEGE has a student council and student participation in majority aspects of the college progress. In our college, we encourage the student to participate in college activities and a friendly environment is created between student and teachers so that the learners will not feel difficulty in clarifying the doubts and learning subject with maximum proficiency. A student council is present in the institute .Whose president is selected from final year toppers and this council nominates students from various committees such as grievance redressal cell, women protection cell, sports and cultural committee etc. These committees are under the guidance of the Head of the institution,

faculties and mentors. For individual approach class representative is selected among the students of the class to submit online the grievances of the classmates to our grievance redressal cell.

Different administrative and academic committees that has student involvement are

- Grievance redressal cell
- Women protection cell
- Sports and cultural committee
- Anti-raging committee
- Staff and Student feedback committee
- Entrepreneur development cell
- Industry institute interaction committee
- Training and placement cell
- College academic committee
- Student Council

Our college has an almanac with the set of all forthcoming events for the students within the academic period. These events and programs are taken into account in the joint coordination of the staff and students. The nature of these events is to assist and guide our students to expertise their skills and assimilate experimental and theoretical accomplishments.

The student council is a very supportive with the staff and always come forward for the betterment of the college and gives their best effort in the events which is held in our college in order to achieve the events with grand success. The council consists of best students from all programmes and also responsible for nominating and forwarding their names as members for the various academic committees mentioned above.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

**Answer:** 0.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	01	01	00

File Description	Document
Report of the event	<a href="#">View Document</a>
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

**Answer:**

**Response:**

- The college has a registered alumni association NSAKCET Alumni Association, recognized by Government of Telangana-the Registrar of Societies, Hyderabad (South)-750 of 2018. Alumni meet is conducted every year to have a continued bonding with alumni and to get their support in student progression.
- The college has a healthy and mutually beneficial relationship with its alumni.
- Alumni from all over enthusiastically participate in the meet.
- The alumni participate and contribute to the development of the institute in the following ways:
  - Internal Quality Assurance Cell (IQAC) has alumni of the college as members.
  - These members contribute to the improvement of teaching- learning processes.
- Alumni feedback is taken periodically to understand the curricular gaps and recent market trends.
- The alumni survey is taken once in a year during alumni meet. The survey includes their knowledge, skill level, team spirit, employer appreciations, honors and awards received, current job position, skill updating, experience gained, career track, promotions obtained, future scopes, current trends in industries and valuable suggestion for their juniors.
- They also intimate the current scenario for placements, expectations from industry and potential job opportunities in the new emerging areas.
- The Alumni member has been successfully contributed financial help to some students of Nawab Shah Alam College of engineering and technology.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 5.4.2 Alumni contribution during the last five years(INR in Lakhs)

**Answer:** <1 Lakh

File Description	Document
Alumni association audited statements	<a href="#">View Document</a>

#### 5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

**Answer:** 5

##### 5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

## 6.Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

#### 6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

**Answer:**

The governance of the institute reflects how the leadership facilitates the realization of the objectives and goals of the vision and the mission of the institute. There is not only an earnest desire and will to make the institute as one of the best in the field of the engineering education but also constant endeavors, initiatives, and feedbacks are taken regularly by

the top management of the college to grow exponentially in the meeting the industry expectations. The management believes in the philosophy of democratic decentralization and participative management with transparency at all levels. The management does not believe in rigidity or adherence to certain norms and practices but is always open to new ideas and new practices and modify as and when required.

The unique factor of this institute as far as leadership and participative management is concerned is that, the representatives of the top management of the college are always available in the institute at all working hours and accessible and responsive to all the stakeholders i.e. the staff, students, alumni and parents. This facilitates quick and fast decision making and implementation of policies at micro and macro level of administration. While an effective hierarchy is created as per the established norms of the academic administration, yet each member of the institute is given equal importance and motivated and inspired to be an effective wheel in the realization of the vision and mission of the institute.

The institute believes in not only providing academic education to the students but also considers the holistic growth especially emphasizing the imbibing of ethical values. The institute believes in the principle that each student is endowed with the leadership qualities and the institute should devise ways and means by which the innate and inherent qualities of the student are carved out. We believe that the basic premise of the technical institute should be inculcating the scientific temper and the thirst for inquiry that leads to interest in research in their chosen field.

The institute believes in close coordination and cooperation between the industry and academia. Both the faculty and the students are encouraged to visit and acclimatize with the men, machine and practices in the industrial world and to find out their requirements. Emphasis is laid on both theoretical and applied research and particularly the requirements of the industry so that research may be focused on the solutions for the requirements of the industry.

Further to keep the faculty and students abreast of the latest trends and developments in their respective fields of specialization, visits of experts from industry and prominent academic institutions are regularly arranged.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### ***6.1.2 The institution practices decentralization and participative management***

##### **Answer:**

As far as the design and implementation of its quality policy and plans is concerned, the management of this institute attached utmost importance to this aspect. The top management of the institute, particularly the Secretary and the Joint Secretary continuously strive to achieve the objective quality in every aspect of the institute be it the development of the built up area, infra-structure, equipment, faculty and supporting staff, there will be no compromise as far the quality maintenance and quality assurance is concerned. The top management of the institute is the torch bearer and leader that guides the administration and staff of the institute. However, the top management does not believe in rigid hierarchy but transparency, participative management providing opportunity to every stake holder and listening to every concerned person before finalization of a decision.

The top management believes that the role of the Principal in any educational institute is central and pivotal. The Principal is vested with due authority and power whereby he can effectively discharge his duties without fear or favor. The Principal is a link between the top management on one side and the other staff of the institute i.e. the complete staff and the students, on the other side. The Principal plays the role of the friend, philosopher and guide to the staff as well as the students. The Principal feeds the top management the information about the functioning of the college on regular basis and elicits their directions as and when required. The Principal is a role model to both the students and staff members with his character, integrity, regularity, punctuality, discipline, initiative and leadership. All stake holders are provided an opportunity to be heard and their opinion is debated at the decision level forums, in this regard not only the Heads of the departments and senior faculty members but also students are meticulously included in appropriate roles in the various committees ranging from Academic committee, anti ragging committee etc.

As far as quality of the faculty is concerned, the management selects the best by offering them incentives such as higher salary, training and orientation, conducive atmosphere to carry out research and development. However, staff members are initially appointed on probation and their functioning is closely monitored during the probation period. After the probation period the functioning of the faculty and their academic achievements such as research work, presentation and publication

of research papers and the result analysis of the subjects they taught is taken into account while considering further raise in their emoluments and other benefits.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

#### Answer:

This institution has a well defined quality policy, implemented through a body called Internal Quality Assurance Cell (IQAC). It was established at NSAKCET on 24-07-2017. The IQAC makes perspective / Strategic plans that work out the necessary actions to be taken to grow and develop the institution in all aspects. It addresses the issues from the stakeholder's perspective and takes steps to fulfill their requirements.

The institutes perspective / strategic plan is as follows:-

- Accreditation by National bodies.
- Autonomy of the Institute.
- Introducing recognized centers of research.
- Enhanced Industry Institute relationship through MOUs to enhance the activities of Entrepreneurship Development Cell.
- Establishing and developing incubation centre to guide and support the perspective entrepreneurs.
- Implementation and effective use of ICT enabled Learning Management System (LMS).
- Establishing centres of excellence, obtaining research projects from national bodies like DST, AICTE, UGC by raising the research standards.
- To introduce Consultancy services
- Post autonomy looking for foreign collaborations for higher studies and student exchange programmes eventually leading to better student placement.
- To achieve deemed to be university status by developing both the academic and administrative infrastructure.
- Conducting more number of workshops / seminars / national conferences per year. To organize International conference in an organized manner where in the proceedings to be published in reputed International journals.
- Increasing the value added courses in the curriculum.

IQAC is based on the instructions from Head of Institution after meeting all concerned Heads of various department and different committees at institution level along with individual faculty level proposal's.

A Perspective Plan is chalked out biannually in Governing Body, and reviewed periodically throughout academic year for measuring efficiency. The aspects to be included in the above plan will be drawn from the various committee recommendations with priority. Also the feedbacks obtained from all the stakeholders periodically and through the inclusion of staff and students in various committees, timely analysis and actions to be initiated address all types of grievances.

File Description	Document
Any additional information	<a href="#">View Document</a>
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

#### Answer:



**Functions of The Governing Body :** The Governing Body besides being the supreme administrative authority of the College shall have the following additional functions:

- i. To monitor the academic and other related activities of the College.
- ii. To consider the recommendations of the Staff Selection Committee.
- iii. To consider the important communications, policy decisions received from the University, Government, AICTE/PCI, etc., from time to time.
- iv. To monitor the students' Performance and faculty development programs.
- v. To pass the annual budget of the College (including clearance of all University dues).
- vi. To check the audited income and expenditure accounts and approve the same for the College annually.
- vii. To approve the increase/reduction of intake, courses, new and closure
- viii. Approval of performance appraisal of faculty
- ix. To monitor and advice for Industry Institute Interactions
- x. To monitor the steps taken for Students' Training and Placement Activities
- xi. Any other relevant matter.

Objectives of Finance committee:

1. Develop an annual operating budget with staff.
2. Approve the budget within the finance committee.
3. Monitor adherence to the budget.
4. Set long-range financial goals along with funding strategies to achieve them.
5. Develop multi-year operating budgets that integrate strategic plan objectives and initiatives.
6. Present all financial goals and proposals to the board of directors for approval.
7. Create, approve, and update (as necessary) policies that help ensure the assets of the organization are protected.
8. Ensure policies and procedures for financial transactions are documented in a manual, and the manual is reviewed annually, and updated as necessary.
9. Ensure approved financial policies and procedures are being followed.

**Some of the functions of the IQAC are:**

- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution;
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
- Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes
- Dissemination of information on various quality parameters of higher education
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programmes/activities leading to quality improvement
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
- Development of Quality Culture in the institution.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.2.3 Implementation of e-governance in areas of operation



1. **Planning and Development**
2. **Administration**
3. **Finance and Accounts**
4. **Student Admission and Support**
5. **Examination**

**Answer:** D. Any 2 of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
ERP Document	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	<a href="#">View Document</a>

**6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**

**Answer:**

The committees which are listed meet as per requirements and mostly at regular intervals. For IQAC, Grievance Redressal Cell (GRC), Women Protection Cell, Academic Advisory Committee, these committees usually meet at the starting of semester. Governing bodies can call for meetings whenever any important implementation is required.

The IQAC delegates and the College Academic Committee to conduct the respective meetings, for which proper procedure is followed. Circulars for the meetings, agenda and minutes of meetings are prepared as per norms, for the proper execution and decision making.

**Institution has formed different committees for various institutional operations; the constituted committees are listed here.**

1. **Internal Quality Assurance Cell (IQAC)**
2. **Staff Selection Committee**
3. **Grievance Redressal Cell (GRC)**
4. **Finance Committee**
5. **Women Protection Cell**
6. **Sports & Cultural Committee**
7. **NSS Committee**
8. **Anti Ragging Committee (ARC)**
9. **Training & Placement Cell**
10. **College Academic Committee (CAC)**
11. **Research & Development Cell**
12. **Staff & Student Feedback Committee**
13. **Library Committee**
14. **Examination Monitoring Committee**
15. **SC/ST Committee**
16. **Minority/OBC Cell**
17. **Entrepreneur Development Cell (EDC)**
18. **Industry Institute Interaction Committee (IIIC)**
19. **Board of Governors**
20. **Committee for Differently Abled**
21. **Alumni Committee**
22. **Time Table Committee**
23. **Student Council**
24. **IPR Cell**

#### **1. IQAC (INTERNAL QUALITY ASSURANCE CELL)**

1. **DR SYED ABDUL SATTAR (PRINCIPAL) -- CHAIRMAN**
2. **DR MOHAMMAD S QASEEM (VP ACADEMICS) – CONVENOR**
3. **PROF SYED FARRUKH ANWAR (HOD Civil) – MEMBER**
4. **PROF RAZA AHMED KHAN (PRINCIPAL POLYTECHNIC) – MEMBER**
5. **DR MAQBOOL HUSSAIN (HOD MECH) – MEMBER**
6. **MS ZEENATH (HOD ECE) – MEMBER**
7. **MR MANSOOR ALI (HOD EEE) – MEMBER**

8. DR G S RAO (HOD CS) –MEMBER
9. MR NISAR AHMED (CHIEF ADMIN OFFICER) –MEMBER
10. MR VIJAY K GUDIVADA (EXAM BRANCH INCHARGE) –MEMBER
11. DR RAMESH REDDY (DIRECTOR R&D) –MEMBER
12. DR B SRINIVAS REDDY( DEAN ACADEMICS) –MEMBER

## **2. STAFF SELECTION COMMITTEE**

1. DR SYED ABDUL SATTAR(PRINCIPAL)—CHAIRMAN
2. PROF SYED FARRUKH ANWAR(HOD CIVIL) –CONVENOR
3. DR MOHAMMAD S QASEEM (VP ACADEMICS) – CO CONVENOR
4. DR MAQBOOL HUSSAIN (HOD MECH) –MEMBER
5. MS ZEENATH (HOD ECE) –MEMBER
6. MR MANSOOR ALI (HOD EEE) –MEMBER
7. DR G S RAO (HOD CS) –MEMBER
8. MR NISAR AHMED (CHIEF ADMIN OFFICER) –MEMBER
9. DR RAMESH REDDY (DIRECTOR R&D) –MEMBER
10. DR B SRINIVAS REDDY( DEAN ACADEMICS) –MEMBER

## **3. SPORTS & CULTURAL COMMITTEE**

### **INSTITUTION NOMINEES**

1. MR HABEEB (PHYSICAL DIRECTOR) – CONVENOR
2. MR HASEEB –CIVIL DEPT-- MEMBER
3. MR SIBGHATULLAH HUSSAINI—MECH DEPT-- MEMBER
4. MS SHANILA MAHREEN – ECE DEPT-- MEMBER
5. MS ZAHORA ABID - CSE DEPT-- MEMBER
6. MR MOHAMMED ANWAR HUSSAIN- IT DEPT-- MEMBER
7. MS MODUMPALLY SARITHA DEVI – EEE DEPT-- MEMBER

## **STUDENT NOMINEES**

1. MOHAMMED LIYAQAT ALI (16RT1A0164)
2. MOHAMMED NISSAR (15RT1A0173)
3. ABDUL HASEEB (15RT1A0301)
4. ABDUL AZEEM (17RT5A0301)
5. SHADAM GANESH (15RT1A0214)
6. MOHD SHABAZ (16RT1A0213)
7. MOHD MOHSIN KHAN (15D51A0412)
8. OWAIS ALI (16RT1A0411)
9. MD SABAHAT ALI (15RT1A0514)
10. MOHD. ISMAIL ALI (16RT1A0534)
11. MD YOUSUF (16RT1A1212)
12. KABEERUDDIN (15RT1A1213)

## **4. FINANCE COMMITTEE**

1. DR SYED ABDUL SATTAR(PRINCIPAL)—CHAIRMAN
2. MR ABID (ACCOUNT OFFICER) – CONVENOR
3. MR NISAR AHMED (CHIEF ADMIN OFFICER) –MEMBER
4. MR MUJEEB (ACCOUNT DEPT)—MEMBER
5. MR NAYEEM (ACCOUNT DEPT)—MEMBER
6. MR MUQTAR (ACCOUNT DEPT)—MEMBER

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.3 Faculty Empowerment Strategies

#### 6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

**Answer:**

**Response:**

The NSAKCET was established under the aegis of MADARSA-IAIZZA in the year 2008 The institution understands and appreciates the efforts of its staff. It recognizes their hard work and acknowledges their needs and requirements. The institution has implemented various welfare measures for teaching and non teaching staff the welfare measure are to support encourage and enhance professional development in teaching and non teaching staff.

#### Welfare Measures for teaching staff

- Performance of each member of the faculty as well as the non-teaching staff is evaluated by the institution. Increments are given to the top per-formers on the basis of the appraisal system of the college. Performance appraisal starts with tracking of individual accomplishments in terms of self rating for all parameters like subject knowledge, class control, syllabus completion, effective delivery of subject, attendance, results, paper presentations, publications, conferences, workshops, seminars attended, certifications and awards received. Further ratings are given by the HOD's followed by the Principal of our college.
- PDPs (Professional Development Programs) are organized by the institution. The faculties are facilitated to attend various Professional Development Activities throughout the academic year.
- TSL (Training and Study Leave) is approved for the faculty who go for doctoral programs or Career Advance Scheme. The institution encourages the faculty who are pursuing PhDs. to avail leaves and a week break during examinations.
- A Grievance Redressal Cell is formed and all faculty concerns are addressed.
- Incentive for publication of papers, research article.
- Support for attending conference, workshops and FDPs within the campus.
- Various leaves available to teaching staff are vacation leave, casual leave, Earned Leaves, medical leave and maternity leave for ladies staff.

#### Welfare Measures for non-teaching staff

- Incentive for attending Orientation programs, workshops, and conferences.
- Part time B.E/M.E ( 2 faculty)
- Fee concession for the wards of staff members who secured admission in NSAKCET institution.
- Festival Bonous for the staff with reasonable amounts.
- The Institute provides college uniform to non-teaching staff (Security Personal and peons).
- Conducting programs on:

Managing stress at work.

- Computer awareness program.
- Office automation and accounts.
- Motivation and team work.
- Time Management etc.,
- Soft skill programs

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Answer:** 0

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

**Answer:** 4.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
03	06	05	05	5

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years**

**Answer:** 3.74

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
10	4	5	3	6

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

**6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff**

**Answer:**

The accomplishments of teaching faculty/non-teaching faculty members are monitored and updated frequently in the department records. Performance appraisal system is implemented as per the directed guide lines from UGC. At the end of every session, each faculty/staff is required to submit his/her appraisal report to the concerned departmental head. The Head of the Department (HOD) verifies the appraisal report based on his/her yearly achievements, discipline, teaching skills, behavioral skills, quality, etc. and then submits it to the Principal. Besides this, the assessment of the teachers comes through the feedback forms filled by the students, which indicates the quality of teaching skills and knowledge of a teacher. The identities of students are not disclosed during this exercise. The form has a well-defined set of questions that help the students to evaluate the teaching capacity of the concerned faculty based on his/her lecture understanding and outline how far the teacher has succeeded in reaching out to the students. These details are accessible to the staff to help them judge their performance. The Principal/Head studies the students' reflections and shares them with the concerned faculty/staff. Wherever required, counseling is provided to the staff in order to help them improve their professional capabilities. The Management, Principal and HOD's are involved in the review of the performance appraisal report. Top management audits the performance of the faculty's appraisal, which reflects in increment, incentives, allowances and promotions in turn which will be communicated to the respective members. Promotion order copies are also filed in their individual files and maintained in the Principal office.

File Description	Document
Any additional information	<a href="#">View Document</a>

#### 6.4 Financial Management and Resource Mobilization

##### 6.4.1 Institution conducts internal and external financial audits regularly

**Answer:**

NSAKCET is having qualified and registered chartered accountant who looks after the external financial audit on a regular basis and once the audit is completed the report is sent to the Principal and Management.

Our institution has constituted a Financial Committee comprising of the Principal, the accounts section and other financial experts. They conduct the internal audit on an annual basis to analyse and assess the overall income and expenditure of the institution.

Our institution follows all rules and regulations laid down by the Government and monthly deduction of TDS is also done.

The following attachments are the audited statement.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

##### 6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

**Answer: 0**

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
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Details of Funds / Grants received from non-government bodies during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>

#### 6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

##### Answer:

The major source of income generation of this institute is the tuition and other fee payable by the students. In this state of Telangana, there is a fee reimbursement policy to the extent of 70% students of the sanctioned intake of the institute, in respect of students who are admitted through centralized counseling by the state agency and known as Convener quota. However the management of the college is permitted to admit 30% students under management quota but the fees is same and equal for both category of students, be it Convener quota or the management quota. The fee is periodically reviewed and fixed by the State Level Fee Regulatory Authority taking into account the per capita expenditure of the institute.

However, during the establishment period, the management provides funds from its available resources and also obtains loans from the banks to meet the capital expenditure which cannot be ordinarily met from the fee resources of the institute.

The institute also receives assistance in the form of service, equipment and books from the alumni as well as well wishers and philanthropists who support the institute and look for its growth.

Our college is mainly self-financing institution which is affiliated to JNTUH, the expenditure of funds is mostly for paying salaries to the staff members, maintaining physical infra structure, I.T infrastructure, Laboratories, enhancement of library, green infra structures, utility bills and consumables etc. With regard to mobilization there is no permanent source, but a few Alumni have been contributing towards the tuition fee of economically backward students in tid bits.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 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

##### Answer:

The Internal Quality Assurance Cell (IQAC) was established on 24th July 2017. The main aim of The Internal Quality Assurance Cell (IQAC) is to improve the quality of work provided by the institution. The Nawab Shah Alam Khan College of Engineering and Technology is working hard to improve the infrastructure, various resources, academic and administrative performance of the institution.

The quality check of work done is reviewing once in every semester, the parameter are considered for quality check are workshops conducted by the institution and other colleges, conferences, paper presentation and paper publications etc.

Minutes of meetings are conducted to chalk out the action plan for implementing in the current academic year. The main agenda which are discussed are

**Results Analysis :** IQAC MoM presented the pass percentages in all the subjects of all the departments. The subjects in which the pass % was less than 50% have been noted and HoDs were advised to take the required corrective measures to improve the pass percentage.

**Guest Lectures, Workshops:** Proposal of invitations to various resource persons as per the requirements of the various departments to conduct guest lectures and workshops to be conducted at the at NSAKCET.

**FDPs:** proposal of invitations to various resource persons pertaining to varying domains for all the departments to conduct faculty development programmes to be conducted at the at NSAKCET.

**Summer Training programs:** Proposal for summer training programs and mini projects to be arranged at NSAKCET for the benefit of students.

**Placements:** Analysis of details of previously adapted plan of action regarding improvement of placements. It has been unanimously felt that the plan of action certainly is going to lead to better placement record this year.

**Introduction of OBE:** Standardizing OBE implementation.

Stress was laid on the Plan of Action of IQAC for the academic year 2018-19, by enhancing quality through various steps in areas of Academics, Research, infrastructure, Teaching –learning process. Stress for team work and the total participation of all the faculties for the preparation and timely submission of the IQA and SSR on a top priority.

Review of the college working committees and improvement in their roles and responsibilities for better Co-ordination and outcome of Institutional progress. Anti-ragging committee to be strengthened for prevention of ragging inside the college premises.

Stress was laid on the need of internal mentoring.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**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**

**Answer:**

We at the NSAKCET have constituted various committees like the College Academic Committee, the placement Committee, and the Examinations Committee, as facilitated by the IQAC which reviews and implements the existing teaching-learning process at periodic intervals. Two such practices of institutional reviews are discussed here.

The Examinations Committee conducts the Mid exams as per the norms of the JNTUH twice in a semester apart from online monitoring the attendance of the students through fortnightly uploads. After the evaluation of these mid exams the College Academic Committee reviews the performance and directs the Heads to conduct remedial classes for the identified students based on their low performance, so as to elevate the overall standards of the academics being imparted.

The College Academic Committee reviews and implements the structures and methodologies of operations and learning outcomes on a regular basis by initiating various activities to improve the quality of teaching-learning methods and directs the respective Heads of the departments to conduct various seminars, workshops, FDPs for both faculty and students. In order to prepare the students for their assessments and tests, course files of every subject being taught are prepared to systemize and organize the course content being prepared for every topic. The teaching faculties analyze the syllabi and see to it that all the prerequisites are met, so as to enable proper delivery and understanding of the teaching being imparted. Moreover for enhancing the teaching learning process the faculty are encouraged to use ICT tools apart from providing access to the E-resources from the library for both faculty and students from all the branches of UG and PG. A Feedback system is in place since the last five years receiving feedbacks from the stakeholders, viz., students, parents and alumni in the manual form and the feed backs are analyzed and action is also initiated. From the current academic year the Online Feedback system has been made functional from our college portal.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**

**Answer: 0**

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years



Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

**6.5.4 Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2. Academic Administrative Audit (AAA) and initiation of follow up action**
- 3. Participation in NIRF**
- 4. ISO Certification**
- 5. NBA or any other quality audit**

**Answer:** D. Any 1 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Annual reports of institution	<a href="#">View Document</a>

**6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)**

**Post accreditation quality initiatives (second and subsequent cycles)**

**Answer:**

NSAKCET constantly works towards improvement of quality of technical education and strives to excel in overall enhancement of engineering education. The various committees which are a proof of participative management viz., like Board of Governors, the College Academic Committee, the IQAC committee, headed by the Principal, and coordinated by the teaching and non teaching staff, and other stakeholders like students, parents and alumni, contribute as a team to make our institution at par with the leading engineering colleges.

The following are the incremental improvements made during the preceding years

- Curricular Aspects**

NSAKCET has started following the Outcome based education concept.

The curriculum based on the syllabus has been framed for all the branches of both the B.Tech. and M.Tech programs, of PEOs, POs, PSOs and COs have been uploaded at our college website.

- Teaching, Learning and Evaluation**

The COs, POs and PSOs are being followed and have been uploaded on our website.

Faculty members and students utilize the e-resources of DELNET and NPTEL..

Eminent senior professors have been recruited to lead the departments.

Reputed academicians and renowned industry personnel visit the campus to enlighten the faculty and students.

On-line feedback on each course has been implemented.



Entrepreneur Development Cell has been initiated.

A systematic procedure has been implemented under the IQAC to monitor and analyze the performance of all the departments on a yearly basis.

Institute has pending approval of UGC 2(f) & 12(B) status duly forwarded by the affiliating university JNTUH.

Ever since the inception of the college there has been an increase in the number of computers from time to time and the current quantity is 562.

At the time of inception we started with a single block with UG programme only but currently with Diploma / UG / PG all streams are housed in three large blocks with full fledged infrastructure, labs and all the basic amenities and facilities.

File Description	Document
Any additional information	<a href="#">View Document</a>

## 7. Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

**Answer:** 5

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
01	1	1	1	1

File Description	Document
Report of the event	<a href="#">View Document</a>
List of gender equity promotion programs organized by the institution	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 7.1.2

**1. Institution shows gender sensitivity in providing facilities such as:**

**1. Safety and Security**

**2. Counselling**

**3. Common Room**

**Answer:**

## SAFETY& SECURITY

The perceived safety of a college campus is a very important factor in college education besides its academic reputation and prestige.

Our college NSAKCET, being a Coeducational institution, has taken utmost precautions to provide a safe and secure environment for learning especially, for female students as well as for faculty, staff, and visitors.

Our Institution is equipped CCTV cameras in the campus at significant points in order to monitor the campus and act as a visible deterrent to any untoward incident.

Security guards are available near canteen, parking area & at the entrance to enhance the safety of our campus.

All faculty members & students are allowed with ID cards at the main gate. Any other person without appointment is not permitted into the campus.

Safety measures has been taken in order to avoid accidents. First aid box & fire extinguishers have been placed at various points of college.

A female panel has been designated to monitor unwanted acts like sexual harassment, teasing, ragging etc among others. This panel provides awareness about SHE team and other important information for protection of female students.

- ***SHE Team is a division of Telangana Police for enhanced safety and security of women.***

Local police officials visit college campus quite frequently to look into any misbehavior by anyone so as to take proper action.

## **COUNSELLING**

The plan includes practical service to students with educational as well as vocational problems. We focus primarily on the following aspects:

- Explaining and motivating future scopes and career opportunities for different academic fields
- Assisting to overcome their internal fears and weakness
- Examining potential options for the future

The institution has provided a separate panel to provide regular counselling for the students in groups and at individual level.

We counsel the students on different issues like gender equity, religious tolerance, ethics and Moral values.

Departmental Faculty members are allotted with 20 students in order to monitor them in all aspects like academics, discipline,\* personal issues\* if required, also to improvise faculty student coordination. Parents are intimated over the phone frequently about the status of the student by the mentors.

The training and placement cell are making efforts to build up the career of our students.

Special sessions are addressed by special guests for female students regarding their protection and necessities.

## **COMMON ROOMS**

A Common Room is a space provided for students of the college to hold meetings, study or simply relax. The College provides two common rooms, one for the male students and another for female students.

There is a provision for few indoor games for each common room. Newspapers and journals are also placed in the common room for the use of the students. An In-charge person will be monitoring the cleanliness of the rooms.

In Common room provided for girls, we have provided religious books, mats to offer prayers, resting facility, in case of illness and sanitary needs.

In Common room for boys, we have provided first-aid facility for taking care of minor injuries in the campus.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 7.1.3 Alternate Energy initiatives such as:

#### 1. Percentage of annual power requirement of the Institution met by the renewable energy sources

**Answer:** 1.07

##### 7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Answer: 60

##### 7.1.3.2 Total annual power requirement (in KWH)

Answer: 5604

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 7.1.4 Percentage of annual lighting power requirements met through LED bulbs

**Answer:** 0.35

##### 7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Answer: 8

##### 7.1.4.2 Annual lighting power requirement (in KWH)

Answer: 2301

File Description	Document
Details of lighting power requirements met through LED bulbs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 7.1.5 Waste Management steps including:

- *Solid waste management*
- *Liquid waste management*
- *E-waste management*

**Answer:**

### 7.1.5 Waste Management steps including:

- **Solid Waste Management**
- **Liquid Waste Management**
- **E - Waste Management**

**Response:**

#### **Solid Waste Management:**

The Institution takes all measures required to ensure that the campus is free of non-biodegradable plastic items and other wastes which are harmful to the natural environment.

NSAKCET organizes awareness programs for proper segregation of wastes (by using colour coded bins) and also promote recycling or reuse of the materials.

**Green Bin:** Biodegradable wastes such as garden waste

(leaves, twigs, dried flowers) tea bags, solid wastes from canteen.

**Blue Bin:** Dry wastes like bottles, wrappers, metallic wastes like foil papers,

Thermocol and other polymers )

Various broken glass wares (Borosil) and polymeric equipments (PVC

from chemistry lab viz., pipettes, burettes, flasks etc.,

**Red Bin:** Wastes like blades, CFL, Tube light, batteries, button cells, expired

products like medicines from First Aid kit.

Provided Bins are placed wherever necessary (after knowing the maximum litter probabilities and possibilities) and the waste from bins is collected and disposed through GHMC vehicle (Door to Door Waste Collecting Vehicle)

Measures are taken that stray animals, flies and mosquitoes shall not be allowed to move around waste storage facilities at the campus by early disposal.

Thus maintaining a clean, tidy and green campus with pleasant atmosphere.

#### **Liquid Waste Management:**

AT NSAKCET Campus, liquid waste is passed to Municipal Sewage water line through outlet.

In Chemistry lab Chemicals, Reagents and Solutions are disposed through sewage line by diluting them.

Taps are kept open and water is allowed to run while disposing Chemicals to avoid Choking and damage of Vass Pipes.

The liquid Waste from canteen comprising left over salad, Curries and stale vegetables are disposed through specific liquid waste dust bins equipped with disposable bags (facilitating Cleaning process). Which in turn are disposed through GHMC provided waste collection vehicle.

#### **E -Waste Management:**

Electronic Waste at NSAKCET encompasses obsolete devices such as old irreparable computers, servers, monitors, TVs, display devices, calculators, audio video devices, printers, scanners, copiers, fax machines, DVDs, CDs, printing cartridges, chips, Processors, Mother Boards, Circuit Boards, Security Devices.

This e-waste is disposed off through agent who treats or look after proper disposal of these materials.

Existing Devices are well maintained by respective lab assistants from time to time.

The Cartridges of Printers are refilled outside at registered Outlets.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **7.1.6 Rain water harvesting structures and utilization in the campus**

**Answer:**

### 7.1.6 Rain Water Harvesting Structures and Utilization in the Campus

There is deterioration in water quality and quantity due to over exploitation of surface and ground water. As a remedial measure NSAKCET harvests rain water.

The Institution has rain water harvesting facility with three percolation well method type of harvesting pits.

The location of these pits has been chosen keeping in view the catchment areas of rainwater inflow so as to utilize the rain water to the maximum extent.

Rain water harvesting renews the bore-wells of Institution.

Rain Water harvesting replenishes the ground water level of not only the college campus but also the locality as the total campus admeasures 5.1 acres where a large portion is an open area.

Rain water harvesting pit is laid in order to (i) Increase ground water content

(ii) Prevent Soil Erosion

(iii) Decrease Salt Content

(iv) Make the water easily accessible

(v) Decrease water deficiency.

All possible measures of water conservation are considered.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 7.1.7 Green Practices

- *Students, staff using*
  - a) *Bicycles*
  - b) *Public Transport*
  - c) *Pedestrian friendly roads*
- *Plastic-free campus*
- *Paperless office*
- *Green landscaping with trees and plants*

**Answer:**

### 7.1.7

The Institute Nawab Shah Alam Khan Engineering & Technology. (NSAKCET) Old Malakpet, Hyderabad, is situated at the heart of the city with huge buildup 5 acre area along with a sufficient open place that is playground, park and parking etc. The building structure which has been planned and designed on a basic of situation ventilation to minimize the humidity and temperature inside and outside the complex partially used for lawn and gardening, It is very suitable place for the educational institution under a natural environment.

The students and staff are using bicycles to meet the distance which is so nearby to their resistance. The Institute is extremely near to Malapet railway station and the city R.T.C Bus Stops that is very convenient to the city and as well nearby village students to meet the distance on foot itself.

Now a days the world is a global influence our life directly or indirectly so it's better if one is indulged in different activities to meet today's requirement. It is a nice college which is located in the city to meet the transportation facilities.

It is plastic free campus i.e. needed to keep the area neat and clean.

All kind of waste papers send to recycling to the vendors. We have minimized our paper usage without wasting the papers. Maximum communication to the different departments and students is made through social media messages and mails the other electronic media to spread awareness about the same.

The college has a lot of species plants and trees including medicinal plants, herbs, shrubs and large shady trees to keep the area greenly shady and natural environment which is needed to keep the pollution away from the campus. the design of the projection is an example of creating environment responsive of active and passive habitation around the principles of climatic to hold the dryness during the summer and to keep warm during monsoon that is ironical respond to the local climatic conditions and to keep away the using up the air-conditioning systems and artificial lighting to avoid and minimize the power as well electricity charges. Architecture of the campus building is very comfortable indoors as well shaded outdoors, the institute has be celebrating nature to enhance the experience of learning technical educations. Large airy natural well let class room minimize the usage of electricity.

The institute which is located at the heart of the city of Hyderabad area which has unique combination of tropical wet, dry and polluted area is protected in a very good condition.

To enhance the ground water levels for facing the hot summers we have installed three rain water harvesting pits at strategic locations.

The architecture of this building is a unique modern adoption of traditional climatic design measures like green and optimize day light courtyard planning cross ventilation and cooling has been integrated to achieve considerable thermal comfort in all over the year.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**

**Answer:** 1.67

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
7.29483	2.3812	8.42141	6.68955	3.755

File Description	Document
Green audit report	<a href="#">View Document</a>
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### **7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:**

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

**Answer:** A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
link to photos and videos of facilities for Divyangjan	<a href="#">View Document</a>

**7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**

**Answer:** 4

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	0	1	0

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**

**Answer:** 6

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer:

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	1	1	1

File Description	Document
Report of the event	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.12**

**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal / Officials and support staff**

**Answer:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

**7.1.13 Display of core values in the institution and on its website**

**Answer:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>

Provide URL of website that displays core values	<a href="#">View Document</a>
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**7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations**

**Answer:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.15 The institution offers a course on Human Values and professional ethics**

**Answer:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**

**Answer:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of supporting documents to prove institution functions as per professional code	<a href="#">View Document</a>

**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**

**Answer:** 15

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	3	3	3

File Description	Document
List of activities conducted for promotion of universal values	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**

**Answer:**

7.1.18:

Independence Day ,Republic Day and GandhiJayanti are celebrated with great zeal and enthusiasm.Guests are invited to tell the experiences of patriotism and bravery by great heroes for the nation.

Birthday of Dr. Mokshagundam Visheshwaraih is celebrated as Engineers' Day and the departments organize technical competition on the occasion such as quiz and poster presentations and achievers are given certificates. Speakers bring out



valuable knowledge in the field of emerging technologies and advancements.

Professors in the vicinity from the central and state organizations are invited as guests to motivate faculty and students by bringing the context of latest inventions and research as well as ensure that they excel as engineers by following the path of the great personalities.

Birth anniversaries and death anniversaries of eminent personalities, who worked for our country's pride and honour are also celebrated like Dr.Sarvepalli RadhaKrishnan, Swami vivekananda etc.

File Description	Document
Any additional information	<a href="#">View Document</a>

#### ***7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions***

**Answer:**

Institution conducts internal and external financial audits regularly. The principal source of funds for the college is through the fees collected from the students enrolled in the courses. Before commencement of academic year budget is released as per the approval of the governing body meeting, to all the departments. Every department in the institution will procure appropriate teaching equipments and improve the existing facilities.

Students Mid-exam marks and their class attendance are displayed on the notice board and are updated to their parents through student's mentors. Parent teacher meeting is conducted one month before the end of the semester, so that parents are aware of the progress of the students and feedback is taken from the parents regarding the functioning of the institute. Apart from this the principal holds meetings with the academic council comprising the heads of every department from time to time to discuss the important academic issues and to frame policies.

Transparency is also maintained in the process of admission of students on the basis of their performance in Higher Secondary examination and relevant common entrance exam. Democratic process is strictly maintained in the administrative matters. Documented service rules are made available on the website. The governing body take the final decision regarding the administrative policy of college. Apart from these, the affiliation order of the JNTUH and approval orders from AICTE are also displayed on the college website.

Auxiliary functions like organizing workshops, training programs, seminars, FDPs, conferences, guest lectures etc., are very much implemented through the following sequence of operations:

- Proposal by specific department.
- Financial approval by the management/principal
- Conduct of the program Submission of the accounts
- Submission of the report
- Verification and recording of the proofs and publication on the website and press note in leading news papers.
- The complete record of these operations is made available in the concerned department.

File Description	Document
Any additional information	<a href="#">View Document</a>

#### **7.2 Best Practices**

##### ***7.2.1 Describe at least two institutional best practices (as per NAAC Format)***

**Answer:**

#### **7.2 Best Practices:**

##### **Title of the Best Practice No. 1**

**Green Initiatives and Energy Conservation.**

## **Objectives of the Practice:**

The main objective is firstly to provide a pollution free environment with eco-friendly facilities to ensure and promote occupant health and a feeling of wellbeing so as to work proactively towards attaining useful knowledge.

Secondly to provide an energy efficient facility to reduce the energy usage considerably with cost cuttings and provide alternate sources of energy with minimal maintenance issues, while improving the comfort and safety of campus buildings which includes a heritage structure as well.

The quality of life of a society depends on the type of energy resources used. The way we best manage these energy resources is its conservation apart from promoting sustainability

## **The Context:**

The main challenging issues which were addressed in implementing these two practices were:

Being located in the heart of the metropolitan city surrounded by slum areas and other residential localities, maintaining a vast span of green campus is in itself a big challenge. But for the two century old tamarind trees there was no greenery. More than fifty date palm trees and a variety of medicinal plants were planted apart from maintaining lush green lawns. The heritage structure was in depilated condition which completely restored with its original glory by plastering, putty works and water proofing treatments apart from fresh coats of paint.

Most of the traditional tube lights were replaced by LED tube lights and all the streetlights were replaced by solar paneled streetlights. All the pathways have been made pedestrian friendly. With the local authorities (GHMC) enabling liquid and solid waste collection and disposal facilities proper color coded dust bins are used for dumping. Rainwater harvesting pits were created to conserve the rain water.

## **The Practice:**

It is very rare to see an engineering college in the middle of a metropolitan city with such lush greenery which is pollution free and its occupants can boast good health and a feeling of wellbeing while gaining useful knowledge like the gurukuls. This is in stark contrast to other places where every nook and corner of the campus has some construction done on it. The college possesses a clean and green environment due the multiple initiatives taken by the management ever since its inception. Sprawling lawns duly maintained by dedicated gardeners with sprinklers all around greet visitors. The college boasts a heritage structure which hosts the Administrative block, dates back to 1840 A.D, which has been maintained professionally to retain its glory and splendor. Attractive pavement work adorns it on the facing side to preserve its foundation. Since the management is very passionate about maintaining the green environment and preserve the heritage structures a large budget is allocated for the complete maintenance apart from the routine academic and administrative expenditures, which would otherwise would have been a big constraint.

Water conservation has also its priority hence Rain water harvesting pits have been constructed in three strategic catchment areas so as to replenish the depleting ground water levels. No outside water connection exists, as the institution is self sufficient to meet its daily water needs in the long run. In fact an exclusive drinking water line has been dedicated to the slum area twice daily. Compost pits are also in use for disposing organic waste from time to time to generate manure for the gardening purpose thereby avoiding additional purchases.

With respect to the energy conservation traditional tube lights and street lights have been replaced by LED tube lights and Solar paneled street lights.

Moving towards a paperless administration the bottlenecks were many, but considerable success has been achieved by maintaining software applications like admissions management, accounts section, examinations branch etc. Apart from this the social media and SMS facilities are extensively used to minimize the circulars to be circulated in the form of hard copies, thus reducing a consider amount of paper and printer ink. Care has been taken to provide facilities for the differently-abled by providing ramps with railings and lifts where ever necessary along with exclusive washrooms.

## **Evidence of Success:**

A considerable reduction in the electricity bills has been observed. Apart from this the high ceiling rooms which are well ventilated and illuminated by ample daylight further contributes towards the cost cutting measures by minimal use of electricity which is a tangible benefit. Paper cost and printing toner costs have also reduced considerably. Purchasing manure from outside sources for gardening is now obsolete.

But what actually matters is the un-tangible nature of benefits like good health, attainment of more knowledge with better frame of mind and an excellent eco-friendly environment. Earlier years there were neither staff nor students who were differently abled, but with the proper care taken to attend to their special needs, both the stake holders have found it comfortable to be a part of this institution.

It goes without saying that with the level of passion shown towards a green campus, we find a variety of beautiful flowers which adorn the plants and eventually many unique birds are attracted and found in the evening hours in the campus.

### **Problems Encountered and Resources Required:**

Issues and hurdles galore, when it comes to implementing new initiatives. Keeping in view the overall development with a long term plan and when you are up against a general laid back mindset, it takes a lot of planning, counseling and expenditure to execute the initiatives. The constraints and the problems faced relate to budgeting and finance, manpower management, procuring and deploying the resources, for implementing both the best practices as discussed above. But more than anything it is the passion and dedication from the management that serves as a driving force to overcome all the virtual and physical barriers.

Off late the admitted student count has decreased due to various reasons all through the state of Telangana and despite the less admissions in the last few years and the financial losses incurred thereof, the management was committed to the cause of maintaining the above mentioned best practices. Resources were pooled in from all possible means to overcome the financial crunch apart from maintaining the total expenditures with regard to salaries, consumables and maintenance of various infrastructures

### **Title of the Best Practice No. 2**

Honoring social responsibility via National Service Scheme.

#### **Objectives:**

Analyze and apply the values, ethics and principles of social work in various context and various levels of the system.

#### **The Context:**

In view of Nawab Shah Alam Khan College of Engineering And Technology vision and to inculcate social responsibility amongst students, the institution provides platform for the practice of social values and ethics by involving social services and related activities while providing education and promoting social change.

#### **The Practice**

The Nawab Shah Alam Khan College of Engineering And Technology NSS unit carries out campus clean and green periodic programs. Every year, NSS organized special camps where students are exposed to various programs that interact with the local people. All kinds of programs are organized, such as Tree Planting, Yoga Classes, Swachh Bharat Abhiyan and Digital India, and the students provide people with useful information.

Blood Donation Camp organized by the college NSS unit.

Students are encouraged to participate in Eye Checkup Camp and Dental Camp.

#### **Evidence of Success**

1. The students are satisfied beyond expectation scale that the people of the local community should be served. And it gives them immense satisfaction.
2. Gradual increase in the subsequent Blood Donation Camp. Appreciation Certificate for the conduct of the Blood Donation Camp.
3. Participated in Clean and Green Campus, to spread awareness in campus and locality.

### **Problems Encountered and Resources Required:**

Local community people are unwilling to reject their superstitious practices, as they suffer a laid back mindset.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 7.3 Institutional Distinctiveness

#### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

**Answer:**

### 7.3 INSTITUTIONAL DISTINCTIVENESS

One of the distinctive feature of this institute is that a sizable number of students from this institute seek employment in the Gulf region the reason being that one million Hyderabadis are employed in the Gulf region and as such in most cases, one or more of the family members of the students are already working there and thus they can facilitate employment to their kith and kin. Keeping in view, this aspect, we train our students in such a manner that they can take up employment in any foreign country. The vision of the management is to produce globally competent strong engineering graduates.

**The Institution is distinct by organizing following different programs.**

- NSAKCET created fund i.e. NSAKCET scholarship for poor students to help the students of the college, who are not able to afford their fee due to weak financial condition.
- Self defense, mixed martial arts training classes conducted for students especially for girls.
- College authority gave admission to few students without fee or donation.
- College authorities organized the program “how to crack EAMCET (engineering and medicine common entrance test) for +2 level students.
- We organize “TECHNO FEST” every year to enhance student creativity and technical skills.
- We encourage students to appear GATE by arranging coaching classes by our experience faculty for their future carrier in competitive exams and higher studies.

**Encouraging our students to participate in national and international level sports the following students.**

- 1) K. Manish, Mohammed Imaduddin and C.Kautilya Reddy have been selected for the JNTUH university aquatics (men) team and participated in all India Inter University Aquatics (men ) Championship in Oct and Nov 2018.
  - 2) Md. Shoaib Mohiuddin participated in 2nd National Level Boxing Competition(2018-2019) (46 kg) and won the gold medal.
  - 3) Syed Yuman Ali participated in Athletics 100m running race in EENADU Champions – 2018.
- Only minority institution which is offering studies from KG to PG with marginal fees.
  - Within one kilometer range NSAKCET has got facility of railway station, the latest Metro Rail station, MGBS (Mahatma Gandhi Bus station)..
  - NSAKCET Principal Dr Syed Abdul Sattar has guided 20 research scholars for PhD.

**We have following distinguished faculty with qualifications from IITs, NITs and IIITs.**

Sl no.	Name	Designation	Qualification	IIT	NIT	IIIT
1.	Dr. Ashok Kumar Asthana	Professor	B.E,M.Tech(IITD),PhD	Delhi	--	--
2.	Dr. Md Nasrullah	Professor	B.E,M.S(IIT M),PhD	Madras	--	--
3.	Dr. Ahmed Husain	Professor	B.E M.TECH,Phd(IIT)			Hyderabad
4.	Dr. C.Vasanth Kumar	Professor	B.E,M.TECH(NIT),PhD(NIT)		Trichy (TN)	

						--
5.	Dr.Muhammed Anaz Khan	Professor	B.E,M.E,PhD(NIT)	--	Trichy TN	--
6.	Ramesh Reddy	Professor	B.TECH,M.TECH(IITD), Ph.D(IITD)	Delhi	--	--

- o College is maintaining eco friendly and green campus in the heart of the city.
- o The college preserving heritage buildings of mark honor for more than 180year old.
- o For energy conservation we are using solar lights.
- o We have created rain harvesting pits in our college.
- o College authority provided water to near by local poor people through our RO plant.
- o Due to the highest level of discipline that is maintain in the college not a single case of ragging or eve teasing has not taken place, during the last 5 years.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## Extended Profile

### Program

*Number of courses offered by the institution across all programs during the last five years*

**Answer:** 266

File Description	Document
Institutional Data in Prescribed Format	<a href="#">View Document</a>

*Number of programs offered year-wise for last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
14	14	14	14	14

### Students

*Number of students year-wise during the last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
1235	1186	1258	1154	1398

File Description	Document
Institutional Data in Prescribed Format	<a href="#">View Document</a>

*Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
417	404	417	417	417

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

*Number of outgoing / final year students year-wise during the last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
162	452	421	361	263

File Description	Document
Institutional Data in Prescribed Format	<a href="#">View Document</a>

**Teachers**

*Number of full time teachers year-wise during the last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
147	172	172	152	128

File Description	Document
Institutional Data in Prescribed Format	<a href="#">View Document</a>

*Number of sanctioned posts year-wise during the last five years*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
172	172	172	152	128

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**Institution**

*Total number of classrooms and seminar halls*

**Answer:** 32

*Total Expenditure excluding salary year-wise during the last five years ( INR in Lakhs)*

**Answer:**

2017-18	2016-17	2015-16	2014-15	2013-14
294	423	351	348	384

*Number of computers*

**Answer:** 562

**Conclusion**

### ***Additional Information :***

Apart from submitting all the information criteria wise we hereby submit some additional information:

In order to enhance the pedagogy and the teaching learning process we will be organizing training programmes and also sending our faculty members to training organizations like ESCI (Engineering Staff College of India, Hyderabad), and IITs and IIMs for FDPs and training programmes.

teacher trainings from authorized agency like NITTTR (National Institute of Technical Teacher Training and Research).

For an efficient digital library resource, we plan to get memberships of Shodganga and Shodhsindhu.

Participation in diploma / short term certificate courses have been made compulsory for all students.

Priority will be given to student participation in creative innovations through projects, paper presentations, sport events, cultural events, extra and co curricular activities.

Research paper publication has been made mandatory for the faculty members.

We already have enlisted our best practices and distinctiveness features but we would strive to introduce more and more enhance these practices so as to meet the bench marks set up by NAAC, UGC and AICTE.

### ***Concluding Remarks:***

NSAKCET is striving to achieve autonomous status by initiating the prerequisite activities and subsequently prepare itself for achieving the deemed to be status, post Accreditation status from NAAC. This will provide immense opportunities for the management to introduce new courses so that all students benefit at both the UG and PG level. The course curriculum will become flexible in a way to suit the industry needs globally, in place of a stiff course structure in the existing affiliated colleges.

In due course we would be streamlining the activities and will do our best to be at par with the leading institutions by making our students industry ready at the global scenario in line with our vision and mission. Priority will be given to provide:

All the resources and tools to improve our curriculum delivery methodologies,

Add-on / certificate courses and guest-lectures from best of both academia and industry for students to improve the institute - industry interaction,

Extensive internship programmes for enhancing skill sets which as a part of the curriculum by utilizing the inter semester breaks,

Imparting pedagogy, technology and soft skills training to the staff and students,

Improving the R&D cell in terms of applying for grants and obtaining projects from government bodies like DST, MHRD, AICTE and UGC.

Establishing centres of excellence for the various departments.

Entering into Memorandums of Understanding with reputed state and national Universities and even foreign universities for not only student exchange programmes but also for inviting guest resource

We look forward to do our best to improve our academic standards and be consistent in facing the challenges which come in the way of reaching the set benchmarks. We will strive at all time to provide improved quality of technical education for both the UG and PG students with better results and churn out the industry ready products.

### **EXCLUDED METRICES**

## List of Excluded Metrics

### 3 Research, Innovations and Extension : Weightage ( 120 )

#### 3.1 Resource Mobilization for Research : Weightage ( 10 )

Ref No	Details of Metric	weightage	Metric Performance
3.1.1	Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs) ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	3	0
3.1.3	Number of research projects per teacher funded, by government and non-government agencies, during the last five year ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	4	0

#### 3.3 Research Publications and Awards : Weightage ( 20 )

Ref No	Details of Metric	weightage	Metric Performance
3.3.2	The institution provides incentives to teachers who receive state, national and international recognition/awards ( Metric Type : <b>Direct</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Y/N</b> )	1	No

### 4 Infrastructure and Learning Resources : Weightage ( 100 )

#### 4.2 Library as a Learning Resource : Weightage ( 20 )

Ref No	Details of Metric	weightage	Metric Performance
4.2.3	Does the institution have the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases ( Metric Type : <b>Direct</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>MC</b> )	3	D. Any 1 of the above
4.2.5	Availability of remote access to e-resources of the library ( Metric Type : <b>Direct</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Y/N</b> )	1	No

#### 4.3 IT Infrastructure : Weightage ( 30 )

Ref No	Details of Metric	weightage	Metric Performance
4.3.4	Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS) ( Metric Type : <b>Direct</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Y/N</b> )	1	No

### 5 Student Support and Progression : Weightage ( 142 )



## 5.2 Student Progression : Weightage ( 45 )

Ref No	Details of Metric	weightage	Metric Performance
5.2.2	Percentage of student progression to higher education (previous graduating batch) ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	20	1.23

## 6 Governance, Leadership and Management : Weightage ( 100 )

### 6.3 Faculty Empowerment Strategies : Weightage ( 30 )

Ref No	Details of Metric	weightage	Metric Performance
6.3.2	Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	6	0

### 6.4 Financial Management and Resource Mobilization : Weightage ( 20 )

Ref No	Details of Metric	weightage	Metric Performance
6.4.2	Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs) ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	8	0

### 6.5 Internal Quality Assurance System : Weightage ( 30 )

Ref No	Details of Metric	weightage	Metric Performance
6.5.3	Average number of quality initiatives by IQAC for promoting quality culture per year ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	3	0

## ANNEXURE

### 1. Metrics Level Deviations

Metric ID    Sub Questions and Answers before and after DVV Verification

1.1.2        Number of certificate/diploma program introduced during the last five years

1.1.2.1. **Number of certificate/diploma programs introduced year-wise during the last five years**  
Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	5	4	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	03	03	01	02

Remark : AUTOCAD, C-PROGRAMMING in 2013-14 and ANDROID 14-15, wireless broadband comm, HVAC and MAT Lab 15-16 CREO, ANSYS E-cad electrical designing in 16-17 and STAAD PRO 17-18 while IT WORKSHOP is not certificate course.

Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	8	12	6	2

1.1.3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	02	08	00

Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

1.2.1

1.2.1.1. How many new courses are introduced within the last five years

Answer before DVV Verification : 44

Answer after DVV Verification: 265

Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

1.2.2

1.2.2.1. Number of programs in which CBCS/ Elective course system implemented.

Answer before DVV Verification : 44

Answer after DVV Verification: 10

Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

1.2.3.1. Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
501	428	585	525	525

1.2.3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
501	428	585	525	525

1.3.2

Number of value added courses imparting transferable and life skills offered during the last five years

1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years

Answer before DVV Verification : 20

Answer after DVV Verification: 5

Percentage of students undertaking field projects / internships

1.3.3

1.3.3.1. Number of students undertaking field projects or internships

Answer before DVV Verification : 214

Answer after DVV Verification: 214

Structured feedback received from

1.4.1

1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

Answer before DVV Verification : A.Any 4 of the above

Answer After DVV Verification: A.Any 4 of the above

Average Enrollment percentage

(Average of last five years)

2.1.2.1. Number of students admitted year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
507	497	514	229	497

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
507	497	514	229	497

2.1.2

2.1.2.2. Number of sanctioned seats year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
672	654	672	672	672

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
672	672	672	672	672

2.1.3

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

2.1.3.1. Number of actual students admitted from the reserved categories year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
478	496	481	207	478

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
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417	404	417	207	417
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Remark : The Number of actual students admitted from the reserved categories year-wise cannot be more than the Number of seats earmarked for reserved category as per GOI/State Govt rule.

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

### 2.3.2 2.3.2.1. Number of teachers using ICT

Answer before DVV Verification : 106

Answer after DVV Verification: 95

Remark : As per the HEI data attached with the Metric in response.

Teaching experience per full time teacher in number of years

### 2.4.3 2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 1341 years

Answer after DVV Verification: 1199 years

Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

2.4.4.1. Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

Answer before DVV Verification:

2.4.4

2017-18	2016-17	2015-16	2014-15	2013-14
5	5	4	2	12

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	1	1	1	1

Average percentage of full time teachers from other States against sanctioned posts during the last five years

2.4.5.1. Number of full time teachers from other states year-wise during the last five years

Answer before DVV Verification:

2.4.5

2017-18	2016-17	2015-16	2014-15	2013-14
32	28	30	14	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
28	28	30	14	2

Percentage of teachers recognised as research guides at present

### 3.1.2 3.1.2.1. Number of teachers recognised as research guides

Answer before DVV Verification : 6

Answer after DVV Verification: 01

### 3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia

## Innovative practices during the last five years

3.2.2.1. Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
8	6	1	3	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

3.3.1

Answer before DVV Verification : Yes

Answer After DVV Verification: No

The institution provides incentives to teachers who receive state, national and international recognition/awards

3.3.2

Answer before DVV Verification : Yes

Answer After DVV Verification: No

Number of Ph.D.s awarded per teacher during the last five years

3.3.3

3.3.3.1. How many Ph.Ds awarded within last five years

Answer before DVV Verification : 18

Answer after DVV Verification: 00

3.3.3.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification : 3

Answer after DVV Verification: 01

Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.4

3.3.4.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
43	60	50	13	14

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
41	60	50	12	14

3.3.5

Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

3.3.5.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
21	26	4	4	6

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
08	06	03	02	04

Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	0	0	2

3.4.2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	0	0	00

Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
846	1015	1093	1072	643

3.4.4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

3.5.2

Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1	2	2	4	1

Answer After DVV Verification :

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2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

4.1.3

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 30

Answer after DVV Verification: 30

Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

4.1.4.1. Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
190	300	390	380	270

4.1.4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	00	00	00	00

Remark : As per the HEI data attached with the Metric in response. There is no element of expenditure for infrastructure augmentation in the attached balance sheets. The HEI was requested to provide full page quality scans of the Audited reports signed by the CA, Secretary of the Madrassa and the principal. The HEI to reconcile and Provide a consolidated audited income/ expenditure highlighting specific expenditure for infrastructure augmentation excluding salary component excluding salary. The certificate to be duly certified by the CA and counter signed by the principal.

Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

4.2.3

Answer before DVV Verification : B. Any 3 of the above

Answer After DVV Verification: D. Any 1 of the above

4.2.4

Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

4.2.4.1. Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6.7	10.8	14.7	13.5	13.7

Answer After DVV Verification :

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2017-18	2016-17	2015-16	2014-15	2013-14
6.63	10.1	10.63	06.81	11.61

Remark : As per the HEI data attached with the Metric in response.

Availability of remote access to e-resources of the library

4.2.5

Answer before DVV Verification : Yes

Answer After DVV Verification: No

Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

4.3.4

Answer before DVV Verification : Yes

Answer After DVV Verification: No

Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

5.1.1.1. Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
686	732	809	882	1021

5.1.1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
321	437	556	825	615

Remark : As per the HEI data attached with the Metric in response.

Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

5.1.2.1. Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
23	0	1	0	2

5.1.2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	1	0	2

5.1.3

Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching



5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Answer before DVV Verification : A. 7 or more of the above

Answer After DVV Verification: A. 7 or more of the above

Average percentage of placement of outgoing students during the last five years

#### 5.2.1.1. Number of outgoing students placed year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
13	61	66	52	47

5.2.1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
12	55	59	49	41

Remark : Number of outgoing students placed year-wise during the last five years as in the attached file.

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) during the last five years.

#### 5.3.1.1. 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-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	12	2	0	0

5.3.1

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	00	0	0

5.3.3

Average number of sports and cultural activities/ competitions organised at the institution level per year

#### 5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	3	3	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14

01	01	01	01	00
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Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	8	10	6	5

6.3.3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
03	06	05	05	5

Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

6.3.4.1. Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
18	4	6	4	7

6.3.4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
10	4	5	3	6

Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

6.5.4

Answer before DVV Verification : D. Any 1 of the above

Answer After DVV Verification: D. Any 1 of the above

7.1.1

Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14

2	1	1	1	1
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Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	1	1	1	1

Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

7.1.3 7.1.3.1. Annual power requirement met by the renewable energy sources (in KWH)  
 Answer before DVV Verification : 360  
 Answer after DVV Verification: 60

7.1.3.2. Total annual power requirement (in KWH)  
 Answer before DVV Verification : 360  
 Answer after DVV Verification: 5604

Percentage of annual lighting power requirements met through LED bulbs

7.1.4 7.1.4.1. Annual lighting power requirement met through LED bulbs (in KWH)  
 Answer before DVV Verification : 8  
 7.1.4.2. Annual lighting power requirement (in KWH)  
 Answer before DVV Verification : 23  
 Answer after DVV Verification: 2301

Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

7.1.8.1. Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)  
 Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
7.29483	23.81200	8.42141	6.68955	37.55051

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
7.29483	2.3812	8.42141	6.68955	3.755

Number of Specific initiatives to address locational advantages and disadvantages during the last five years

7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
5	1	1	1	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	1	0	1	0

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	4	2	4	4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
3	3	3	3	3

## 2.Extended Profile Deviations

ID Extended Questions

Number of courses offered by the institution across all programs during the last five years

1.1 Answer before DVV Verification : 633

Answer after DVV Verification : 266

Number of programs offered year-wise for last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
524	216	417	417	417

1.2

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
14	14	14	14	14

Number of students year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1217	1238	1413	1389	1424

2.1

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1235	1186	1258	1154	1398

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
672	672	672	672	672

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
417	404	417	417	417

Number of outgoing / final year students year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
118	452	421	361	263

2.3

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
162	452	421	361	263

Number of full time teachers year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
173	206	175	152	128

3.1

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
147	172	172	152	128

Number of sanctioned posts year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
172	172	164	148	128

3.2

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
172	172	172	152	128

Total number of classrooms and seminar halls

4.1

Answer before DVV Verification : 40

Answer after DVV Verification : 32

Total Expenditure excluding salary year-wise during the last five years ( INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
397	656	650	721	664

4.2

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
294	423	351	348	384

