



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
Name of the head of the Institution	Prof. A. Venugopal Reddy
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04023156109
Mobile no.	9440543619
Registered Email	vcjntuh@jntuh.ac.in
Alternate Email	pa2registrar@jntuh.ac.in
Address	Kukatpally, Hyderabad
City/Town	Hyderabad
State/UT	Telangana
Pincode	500085

2. Institutional Status																			
University	State																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	state																		
Name of the IQAC co-ordinator/Director	Prof. B.N. Bhandari																		
Phone no/Alternate Phone no.	04023156115																		
Mobile no.	9490316662																		
Registered Email	dap@jntuh.ac.in																		
Alternate Email	bnb@jntuh.ac.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	<a href="https://jntuh.ac.in/academic-and-planning">https://jntuh.ac.in/academic-and-planning</a>																		
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://jntuh.ac.in/academic-calendars">https://jntuh.ac.in/academic-calendars</a>																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.01</td> <td>2017</td> <td>12-Sep-2017</td> <td>11-Sep-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.01	2017	12-Sep-2017	11-Sep-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
2	A	3.01	2017	12-Sep-2017	11-Sep-2022														
<b>6. Date of Establishment of IQAC</b>	22-Mar-2016																		
7. Internal Quality Assurance System																			
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries															
<b>No Data Entered/Not Applicable!!!</b>																			

[View File](#)

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>No Data Entered/Not Applicable!!!</b>				
<a href="#">View File</a>				

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

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

• Participation of University in NIRF Ranking 2018 - 42nd Rank • Applying for NAAC Accreditation during 2017 - 'A' Grade • Encouraging the University Constituent Colleges/Academic units to Apply for NAAC and NBA Accreditation

No Files Uploaded !!!

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

Plan of Action	Achievements/Outcomes
<b>No Data Entered/Not Applicable!!!</b>	
No Files Uploaded !!!	

**14. Whether AQAR was placed before statutory body ?**

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	17-Aug-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	03-Mar-2018
17. Does the Institution have Management Information System ?	No

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
<a href="#">View File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
<a href="#">View File</a>		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Mtech	All Programs as mentioned in Criterion 1.1.1	01/07/2017
BTech	All Programs as mentioned in Criterion 1.1.1	01/07/2017

#### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

**1.4 – Feedback System**

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Feedback obtained from the students, Teachers, employers, Alumni and Parents is analyzed Department wise / Course wise and implementing the review / feedback given by the above-mentioned students / Teachers etc. The overall feedback was designed and structured in a way that the overall feedback of the course is ascertained. Feedback obtained from the stakeholders and the observations made by DAC are submitted to the Board of Studies for further evaluation and developments. Teacher's feedback is collected regarding the facilities provided by the institute. Employer's feedback is taken from different Employers regarding performance of students. • The student feedbacks are collected after completion of every course in each semester/program. • Alumni and Employers feedback also collected from the outgoing/passed out students. • These feedbacks are continuously evaluated by head of the department/Director. • According to the feedbacks/suggestions from the students the head or director will take the sensory action, modifications and implementation Feedback is obtained from the faculty regarding curriculum as well as teaching-learning-evaluation. Faculty suggestions regarding curriculum changes and additional structural facilities required for enhancing the teaching learning process are generated from the faculty feedback. The feedback obtained from the students was analyzed for their problems. Most of the students were seeking for study materials for different subjects and the materials were collected by concerned faculty members in the form of hard or soft copies and given to them. The feedback from Alumni students helped the current students how to get hired by reputed companies and skills required by special classes were introduced on communication skills to mould the students to face the interviews effectively.</p>

**CRITERION II – TEACHING- LEARNING AND EVALUATION**

**2.1 – Student Enrolment and Profile**

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
-------------	-----------	-----------------	-----------	-------------------

Programme	Specialization	available	Application received	
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	0	375	0	76	0

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Normally the Institute is conducting induction program by inviting not only domain experts but also personality development/life skills experts to motivate the students. At the beginning of the academic year five students are assigned to each faculty as mentor, who will mentor the students regarding selection of proper elective subjects, provide suggestions on their academic performance, and also guiding them to adjust to the post graduate teaching and research. Mentor faculty will Even take care of the personal problems of the students if any.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
375	76	1:5

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
43	34	9	0	27

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	103589	0

## 2.6 – Student Performance and Learning Outcomes

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

<a href="http://jntuhist.ac.in">http://jntuhist.ac.in</a>
---

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<b>No Data Entered/Not Applicable !!!</b>
---

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

### 3.2 – Resource Mobilization for Research

### 3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

#### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biotechnology	38
Civil Engineering	6
Chemistry	39
Computer Science and Engineering	41
Electronics and Communication Engineering	29
Electrical and Electronics Engineering	16
Energy Systems	1
English	4
Environmental Science Technology	6
Industrial Engineering	1
Mathematics	8
Mechanical Engineering	24
Metallurgical Engineering	4
Management Science	8
Nano Science Technology	6
Physical Education	3



Pharmacy	77
Physics	12
Spatial Information Technology	1
Water Resources	1

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

#### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

#### 3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

#### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
<b>No Data Entered/Not Applicable !!!</b>			

[View File](#)

### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
-------------------------------------	------------------------	---------------------------	--------------------------------------	--------------------

**No Data Entered/Not Applicable !!!**

[View File](#)

### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
-------------------------	--	--	--

**No Data Entered/Not Applicable !!!**

[View File](#)

#### 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
----------------------	-------------------	-----------------	------------------------------

**No Data Entered/Not Applicable !!!**

[View File](#)

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
--------------------	---	----------------------	--	--

**No Data Entered/Not Applicable !!!**

[View File](#)

### 3.7 – Collaborations

#### 3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
--------------------	-------------	-----------------------------	----------

**No Data Entered/Not Applicable !!!**

[View File](#)

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
-------------------	----------------------	---	---------------	-------------	-------------

**No Data Entered/Not Applicable !!!**

[View File](#)

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
585	425

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
VTLS -Virtua Software	Fully	16.0	2006

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	430	40	430	10	3	3	5	100	100
Added	27	8	27	2	0	0	0	20	0

Total	457	48	457	12	3	3	5	120	100
-------	-----	----	-----	----	---	---	---	-----	-----

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
MOOCS	<a href="https://kalagaddavrao.moodlecloud.com/login/index.php">https://kalagaddavrao.moodlecloud.com/login/index.php</a>
MOOCS	<a href="https://cnstmooc2.moodlecloud.com">https://cnstmooc2.moodlecloud.com</a>
MOOCS	<a href="https://rakeshnanotech.moodlecloud.com">https://rakeshnanotech.moodlecloud.com</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
55.25	14.76	0	5.03

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

The JNT University Central Library caters to the needs of Institute of Science and Technology, School of Information Technology, School of Management Studies, Academic Staff College, RD Unit, DUFR, SCDE, and JNTU College of Engineering Hyderabad. The University Central Library was fully automated with bar coding of the books in the year 2006 through VTLS-Virtua Library Software. The main features of the VTLS Software are OPAC, Acquisition, Cataloguing, Circulation, Serial Control and, the Digitization of the content of the books. Rs. 118.00 lakhs have been spent for library books, journals (Printed and e-resources) in the year 2017-18. The working hours of the central library facility are extended from 09:00 AM to 11:00 PM on all working days and from 09:00 AM to 04:30 PM on Holidays. Library is open throughout the year except on General Public Holidays. The University is extensively promoting sports and games through its Constituent /Affiliated Colleges, Institutes, and Schools. The students are participating in various events and games inside and outside the college and are bringing laurels to our University. The Physical Education Department is headed by a Professor supported by two Assistant Physical Directors and two Grounds men. The following play facilities are available on the campus for both boys and girls: • Cricket • Basket Ball • Volley Ball • Throw Ball • Table Tennis • Badminton • Kho-Kho • Foot Ball • Caroms • Chess • Gymnasium etc. AT COLLEGE LEVEL: The link is <http://jntuhist.ac.in> The Director, IST, JNTUH from time to time provide grants to maintain the Laboratories, Library, Class rooms for instance all the classrooms are under the director control of the Director IST. The Director IST has powers to give grant of maximum of one lakh for the development purpose of Departments. Faculty and Heads of the Departments can request the Director for providing the facility. The Director based on the budget approval will sanction the amounts to the Departments.

<http://jntuhist.ac.in>

#### CRITERION V – STUDENT SUPPORT AND PROGRESSION

## 5.1 – Student Support

### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

## 5.2 – Student Progression

### 5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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

Items	Number of students selected/ qualifying
-------	---

No Data Entered/Not Applicable !!!

[View File](#)

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

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
<a href="#">View File</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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
<a href="#">View File</a>						

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

No Data Entered/Not Applicable !!!

### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

60

5.4.3 – Alumni contribution during the year (in Rupees) :

30000

5.4.4 – Meetings/activities organized by Alumni Association :

3 km run, Cancer awareness program, Alumni meetings will be held annually to discuss about start-ups and innovations progress of the alumni etc.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Yes, the University promotes a culture of participative management. The faculty members are made part of the decision-making process along with student representatives/ Alumni. The Executive Council represented by the Vice-Chancellor, Rector, and the following members are nominated by the State Government i. The Secretary to the State Government in the Education Department, or an officer in the Education Department dealing with the Technical Education ii. The Secretary to the Government in the Finance Planning (Finance wing) Department or an officer in the Finance Planning (Finance wing) Department iii. A Senior Professor of the University colleges, Principal of the University colleges, Principal of the affiliated colleges, faculty member from the faculty of the University colleges, Faculty member from the faculty of the

affiliated colleges if any, four eminent personalities representing industry, research and development, Engineering and Technology, Architecture, Fine Arts, Physical and Social Sciences and public life. iv. The Vice-Chancellor shall be the Chairman of the Council and shall preside over all its meetings. The Registrar shall act as the Secretary to the Council. Academic Senate: The Academic Senate shall have powers of approving all courses of study proposed by the Boards of Studies and of determining their curriculum and have general control of teaching, research and examinations within the University and shall be responsible for the maintenance of standards thereof by the colleges. The Academic Senate consists of ex-officio members and all members of the Executive Council All Principals and Directors The Chairman of the Telangana State Council of Higher Education or in his absence the Vice-Chairman thereof All members the University Planning and Monitoring Board. Boards of Studies: Different faculties have Board of Studies headed by a Chairperson and Members drawn from academics and industry. There is a provision for Alumni on the Board of Studies. The Director, Academic and Planning is the convener for all the Boards of Studies of the University. All the decisions of the Boards of Studies will be placed before the Academic Senate for its approval. Planning Monitoring Board: The Planning and Monitoring Board shall be the principal planning and reviewing body and it shall also arrange for periodical monitoring of the developmental programmes and teaching and research in the University. It consists of the Vice-Chancellor (Chairman) four from the Principals of University Colleges Deans/Chairman of Faculties and Directors nominated by the Vice-Chancellor two educationists nominated by the Government two nominees of the University Grants Commission. Selection Committee: All faculty positions are filled on the recommendations of a duly constituted Selection Committee as per Statutes. Finance Committee: The Finance committee examines the annual accounts and annual budget estimates and reviews the financial position of the University from time to time. The finance committee also advises on all matters relating to the finances and budget of the University. It is a sub-committee of the Executive Committee with Vice-Chancellor (Chairman), two members of the executive council nominated by it, one member of the Executive Council to represent Banking or Accounting as members.

6.1.2 – Does the institution have a Management Information System (MIS)?

No

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The University revises the syllabi for the UG and PG programmes regularly to meet the industry requirements and also to keep up with the day to day technological developments. A separate Board of Studies has been constituted for each Department/Centre. The constitution and functions of the Boards of Studies shall be prescribed by ordinances. There shall be representation for students on the Boards of Studies. The Boards of Studies consists of members of the members of faculty from various prestigious organizations like IITs, NITs, IIITs, JNTUH, Industry / RD, Alumni, Other Universities and Senior



faculty members of the Respective departments. The University also conducts conferences/workshops/seminars in emerging areas. During these events the faculty from affiliated colleges get an opportunity to give feedback on the curriculum to the faculty/HoD/BoS Chairperson of the department concerned. The University is in the process of adopting AICTE Model Curriculum from the Academic Year 2018-19 for all B.Tech. Programmes.

Teaching and Learning

In the University, the planning of teaching activities is carried out at department level as per syllabus and regulations are approved by the Boards of Studies and Academic Senate. The University prepares systematic and pre-planned academic calendar well in advance. The academic calendar includes (i) Commencement of class work (ii) Schedule of external and internal examinations, (iii) Vacation, (iv) Commencement of forth coming semester. The faculty prepare the teaching plan well before the commencement of class work. The academic regulations are provided to the students at the time of joining the course and are also discussed in the orientation classes. The faculty are encouraged to adopt ICT and interactive methods of teaching. The University depute faculty for Quality Improvement Programme (QIP) and training for faculty development.

Examination and Evaluation

Thin-Client based spot evaluation: To carry out the chief examiner evaluation and the scrutiny effectively, to eliminate the counting errors, speedy processing of results and to enforce better security, thin-client based evaluation system was introduced in 2017-18 academic year. In this system, all the evaluators have to come to the centralised evaluation place, where one client machine is allotted to each evaluator. The evaluators as well as chief evaluators shall directly enter the marks in the thin-client machine (instead of entering in the tabulation sheet on the front page of the answer script). The marks shall be saved in a centralised server. Strengthening the spot evaluation by automation of Chief-Examiner's evaluation process. In the traditional practice, the chief examiner randomly picks-up a few valued



papers and evaluates them. If the valuation is done erratically by the evaluator, the chief examiner imparts necessary counselling to the valuator. The drawback of the system is, if the chief examiner gets influenced by the marks awarded by the examiner, then the objectivity in the assessment by the chief examiner is likely to miss as the marks posted by the examiner are visible to the chief examiner. Contrary to the traditional practice, in the new system, the chief examiner randomly selects a few answer scripts, evaluates them and posts the marks question-wise, only in the system and not on the answer sheet. After the completion of valuation by the chief examiner, the bundles shall be given to the evaluators for valuation. If there is a difference of more than the specified threshold in any answer script, the ACE concerned shall caution the valuator and arrange for the necessary counselling by the chief examiner. This new system has been introduced in the academic year 2017-18. Anti-plagiarism check for PG thesis evaluation. To comply with the R16 academic regulations of PG courses which have been effective since the AY 2016-17 onwards, anti-plagiarism check has been introduced for M.Tech. dissertations of the students from the AY 2017-18. A separate unit has been introduced in ACE (O) section for this purpose. The project viva exams shall be conducted only for the candidates who complete their anti-plagiarism check successfully. Online transcript services. The transcript service across the counter was introduced in the academic year 2003-04. In this system the students who visit the service counters will receive the service in two hours on the same day. The students have to visit the student service counter at exam branch along with the challan of payment and filled in application form to get the service. This service is found to be difficult to avail for the students who are residing at distant locations. Hence in the AY 2017-18, a new online service was introduced for receiving the transcripts at their respective postal addresses by selecting the required certificates and by making the payment

in online mode. OD generation from the server data along with 2-D bar code. The original degree generation service has been outsourced from the year 2006 onwards to different agencies like TCS and Hitech Print Systems. From the seventh convocation OD generation onwards (May 2017 onwards), the original degree certificate generation along with 2-D bar codes at the back page, one for storing each semester marks, has been indigenously carried out. This initiative helped to solve the data integrity problems and contributed to a substantial saving for the exam branch. The important challenge experienced during the outsourcing of original degree certificate printing activity is the occurrence of inconsistency in the data as the last-minute corrections, particularly name corrections which used to be incorporated in OD generation server but not in the results processing server. In the new practice, as no separate server is maintained, and all processing happens at one single server, data inconsistency problems are eliminated.

**Research and Development**

At the University, the Director, Research and Development, monitors the research programmes of the University. At the college level, the research review committee in each department reviews and monitors the research activities in the department. The University encourages the faculty members to identify the thrust areas of research and prepare the project proposals for seeking financial support from funding agencies. The University also encourages all departments to organise workshops, training programmes, seminars and conferences. The University supports the faculty and research scholars to participate in workshops, seminars and conferences. Every year, the University gives the advertisement for admissions into full time and part-time Ph.D programmes to encourage the faculty and industrial personal to involve in the research activities and encourages the research scholars by way of scholarships. An amount of Rs. 50.00 lakhs has been allocated to 25 research scholars who are admitted under full time Ph.D Programmes from the academic year

2016-17. The latest techniques are implemented to ensure quality of research and development.

Library, ICT and Physical Infrastructure / Instrumentation

The University Library also provides adequate facilities with latest books and to the faculty and students to achieve excellence in teaching and research. The University has taken certain steps to orient traditional classrooms into 24x7 learning places. ? The College and central library are equipped with books, reputed e-journals and theses of the project works of the students. ? e-learning facilities at 24x7 classrooms and Centralised Simulation lab facility (24X7) ? Internet facility at all student hostels. ? Many class rooms and seminar halls are equipped with LCD projector, computer with Internet connectivity. JNTUH has been continuously upgrading its campus infrastructure as per AICTE/UGC norms. The University provides 24/7 computing facilities for all the departments of the constituent colleges and units. The University Library caters to the needs of all the students by providing the access to learning resources. All the constituent colleges/units have separate libraries for the immediate use of the students and faculty. The University has been providing lab facilities, class rooms, seminar halls and teaching aids as per AICTE/UGC norms. The University provides on-line classes to its affiliated colleges. The University has also created infrastructure for establishment of e-STUDIO to deliver video lectures by subjects/industry experts to improve the knowledge and employability skills of the students.

Human Resource Management

The recruitment and selection process of human resource is strictly based on the State Government/ UGC/AICTE rules and regulations. The faculty members are recruited in three different categories such as Professor, Associate Professor and Assistant Professor. The non-teaching recruitment is purely based on the rules and regulations of State Government. The University provides training periodically to non-teaching staff to improve their technical skills. The University encourages the faculty to take training by participation in orientation,

faculty development and refresher programmes. The University also provides opportunity to develop skills in teaching and learning by organising the workshops, seminars, conferences and interacting with industries and RD organisations.

**Industry Interaction / Collaboration**

The University has established University Industry Interaction Cell headed by a Director to cater to the needs of the industry to strengthen the University-industry interaction. The Director interacts with the Chairpersons of the Boards of Studies to develop the course contents and they are encouraged to have collaboration with industry through consultancy and research projects in thrust areas. The Director also provides necessary training programmes to the students to develop their communication and soft skills. The University has also entered into several MoUs with industries for research and development. The experts in thrust areas are invited from the industries to deliver expert lectures at various departments/units of the University to interact with students and faculty. Through institute and industry interaction, students are able to get internships.

**Admission of Students**

The University follows the rules and regulations of state government in the admission process. The admissions are made based on the ranks obtained in the common entrance test conducted by state and national agencies, such as Engineering, Agriculture and Medical Common Entrance Test (EAMCET), Engineering Common Entrance Test (ECET), Post Graduate Engineering Common Entrance Test (PGECET), ICET for MBA and MCA Graduate Aptitude Test in Engineering (GATE), Graduate Pharmacy Aptitude Test (GPAT) and a specific entrance test conducted by the University. The schedules of the entrance examinations are notified in leading newspapers at state and national levels in advance. It is also notified through website of the concerned University conducting the tests.

**6.2.2 – Implementation of e-governance in areas of operations:**

E-governance area

Details

<p>Planning and Development</p>	<p>Institute Vision, Mission is available on website. All activities in the institute are adhering to Vision and Mission of Institute. Institute Website continuously updated with upcoming events at institute like examination schedule, admission deadline, technical sports and cultural activities. Also after finishing every activity report and photographs are uploaded on website.</p>
<p>Administration</p>	<p>The Institute of Science and Technology is Autonomous Institution having all the departments as is there in the university. The Institute has Account Section, Establishment Section, Academic Section, Fee Section, Stores and Examination Section etc. The Institute has seven departments and each department is headed by the Heads. All the concern faculty/ administrative staff will report to the head of the departments respectively. The Institute has a separate Examination Branch, which is headed by the Officer - incharge examinations. All the Heads of the departments, Office - incharge examinations and Joint Registrar will report to the Director IST. All the staff members of the office of the IST will report to Joint Registrar. This is the total composition of IST administration.</p>
<p>Finance and Accounts</p>	<p>The IST is maintaining around 22accounts. The accounts are being computerised. Recently under TEQIP - II the institute has purchased tally package for the effective implementation of the accounts. Every year the institute will prepare the budget estimates as per the proforma given by the University. The budget of the total institute will be submitted to the University for Evaluation. The University in turn will constitute a committee and the budget is being presented to the committee and is being presented to the committee. Once the budget is approved the university will in turn send it back to the institute with modifications if any. The institute will follow the budget accordingly.</p>
<p>Student Admission and Support</p>	<p>Institute offers online applications for Science Engineering Aspirants. Students are able to fill online option form and can-do confirmation of</p>

	admission by freezing institute option and reporting. Institute also confirm student admission online. Institute admission form and other admission related data is available on website of institute.
Examination	As a leading technological University in the country, several first-of-its-kind innovative best practices have been introduced at the Examination branch, namely, Electronic Distribution of Examination Papers (EDEP), system of examinations, online-examinations/CBT for internal evaluation, online payment facility for various student services, instant transcripts (across the counter) service etc. In addition, the Examination branch has in-house Software Development Center (SDC) to look after the various software automation needs of the Examination branch.

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
20	24	5	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
No Data Entered/Not Applicable !!!		

## 6.4 – Financial Management and Resource Mobilization

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

INTERNAL FINANCIAL AUDIT: The State Audit JNTUH will audit the accounts every year regularly. EXTERNAL FINANCIAL AUDIT: The A.G. Office (Central Government) will audit the accounts for every three years.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

0
---

## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC, Central Audit	Yes	TEQIP-III, State Audit
Administrative	Yes	AICTE, Central Audit	Yes	TEQIP-III, State Audit

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

The University encourages all the constituent colleges and affiliated colleges to apply for UGC autonomous status, NBA accreditation and NAAC accreditation. The colleges prepare a Self-Study Report, request the University to forward the applications to UGC for granting autonomous status. The University suggests the institutions at various levels to meet the standards in respect of UGC autonomy, NBA and NAAC. As a mandatory requirement, the University nominates University nominee into UGC autonomous status committee for thorough evaluation of the facilities.

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

1. Every year end of the semester parent teacher meet is organised. 2. Their feedback is taken to improve quality of education and other facility 3. Conducted parent teacher meet to give feedback on the student's performance and opportunities to develop

6.5.4 – Development programmes for support staff (at least three)



1. Support staffs are motivated to take participation in skill development program like PMKVY. 2. Non-teaching staff is promoted to attend workshops. 3. Non-Teaching Staff is encouraged to attend Management Capacitive Enhancement Programmes

6.5.5 – Post Accreditation initiative(s) (mention at least three)

All University Constituent Colleges/Academic Units organize International/national workshops Conference to improve research culture in the Institute. Students and faculties from institute as well as from outside the institute used to present their Research paper. To enhance employability Industry Institute Interaction is strengthened.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Gender Sensitization	30/07/2018	04/08/2018	18	14

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
10

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
No Data Entered/Not Applicable !!!		

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
------	--	--	------	----------	--------------------	------------------	--



No Data Entered/Not Applicable !!!

No file uploaded.

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
<a href="#">View File</a>			

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

1. Rain water harvesting Institute has harvested the rain water flowing as waste through the slopes of open land. This has helped to increase the water level in nearby area. 2. Tree Plantation In every year, institute conducts the activity of tree plantation with the help of NSS (National Social Service) cell. This helps to protect the environment as well as to develop the environmental awareness in between the students.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

Admissions of foreign students through Memorandum of Understanding (MoU): The JNTUH is one of the best technological universities in India. The University has signed MoUs with international universities to offer twinning and dual degree programmes. The international students are pursuing B.Tech, M.Tech, M.Sc. and MBA programmes. The University appointed a Director, University Foreign Relations (DUFR) to guide the foreign students. The students are admitted through single window system. The University also has MoU with national institutes/industries to support Undergraduate and Post Graduate industry linked programmes. • The University established the Directorate of University Foreign Relations (DUFR) to coordinate and process the admissions of the foreign students as per the norms of the AICTE/UGC • The University is offering Under graduate, Post-Graduate and Ph.D programmes for international students • The University website provides all the information related to admission process into various courses • The DUFR offers the guidance to the students with regard to courses offered, eligibility conditions, and fee structure • The University has constructed international students' hostel with necessary amenities. • The University facilitates health security for all international students • There will be at home function every year at the University • The presence of international students provides the cross culture learning practices to the Indian students in the campus. Implementation of Online Examinations and Electronic Distribution of Examination Papers (EDEP): The University has a total of 337 affiliated engineering colleges, in addition to colleges offering other courses, spread all over the State of Telangana. Twenty-one different courses of B.Tech are offered in these colleges. The examination Directorate of the University prepares question papers and distributes them to all the colleges. This process entails a high possibility of leakage during printing and while distributing these question papers. To eliminate the possibility of leakage and to avoid mass copying in the colleges, the concept of question bank with random generation of question papers, and electronic distribution of examination papers (EDEP) system has been devised and implemented since December 2002. For each subject four sets of question papers are prepared. These are encrypted using a specially designed encryption tool and then placed on the examination portal of the University. The encrypted

version of the question papers is also sent to all the colleges in CDs since some of the colleges do not have Internet facility. These question papers can be decrypted by entering three levels of passwords, in addition to the password of the college concerned. The first is the University (public) key which is common for all colleges the second is the college (or private) key which is known only to the college concerned, that is, the Principal and the staff on the examination duty the third password is given on the day of the examination, about an hour before the commencement of the examination. The colleges can then decrypt and print the papers for distribution to the examiners. This system has been successfully implemented for the last two and half years. The software for automatic generation of question papers is another step towards automation. For

each subject a question bank of about 200 questions is prepared by invited subject experts. Each such question bank is divided into eight units based on the different topics. For the preparation of the question banks, the names of experienced faculty in the respective subjects are provided by the respective Heads of Department. In case experts are not available in a subject within the University, qualified and experienced staff from affiliated colleges or other universities are given the task of preparing the question banks. These question banks are moderated by the faculty other than those who have prepared the question banks. They check the questions for correctness and make required changes. They also grade the questions in three categories according to the standard of their difficulty. This ensures that the four sets generated are of similar level of difficulty. Changes, if any, are incorporated into the question banks. The questions are then converted to Latex format for random generation. The question banks are then ready for use to generate question papers as and when required. This ensures that the paper is kept confidential with least human intervention once the question banks are finalized. This system was implemented for the first time in April /May 2005. An advantage of this system is that the question banks can be used to generate question papers for the same subject offered by different branches in different semesters with necessary modifications as and when required. On-line Examination for internal evaluation: There is no uniformity in awarding internal marks in the affiliated colleges. In some of the affiliated engineering colleges, the coverage of syllabus is not uniform for different quiz examinations. Due to lacking in infrastructure and competent faculty. This fact is evident from the huge variations in the internal and external marks of the students in all subjects.

As a leading technological University in the country, Jawaharlal Nehru Technological University Hyderabad has introduced several innovations in the examination system of the University. In keeping with this tradition, the on-line quiz examinations have been introduced for internal evaluation in the B.Tech courses in all affiliated engineering colleges. The objective type and unit wise question bank in each subject is invited from the identified subject experts. Another subject expert verifies the question bank for its correctness. Each question and its four alternative answers are converted into latex format.

The quiz examination is divided into groups and each group is further subdivided into three levels of standard, namely, simple, moderate and difficult questions. The quiz examination question papers are randomly generated from the question bank. No two students get the same question paper. Even if a question is commonly present in two different papers, the sequence of four alternative answers is different. Although the students get different quiz examination papers, the difficulty level of all question papers is almost the same. The proportion of simple, moderate and difficult level questions in each paper is predetermined before the generation of question papers. A large number of question papers (ex: 120) are generated at the University-end, compressed and encrypted and sent to the colleges. At the college-end when the student logs in to write the examination, one of these 120 papers will be randomly assigned to the student. If the number of students writing the examination in the same subjects are less than or equal to 120, every student will get a

distinct paper. The answers keyed-in by the students are saved in the high-end college server at regular intervals. In the case of break-down/failure of any student's computer, the student's saved answers become visible in the other computer where the student can continue his/her examination.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

### 7.3 – Institutional Distinctiveness

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

• JNTUH is accredited with 'A' Grade by the National Assessment and Accreditation Council (NAAC). • The University is ranked 42nd in the engineering stream of NIRF Rankings 2018. • MHRD sanctioned Rs. 20 Crores towards new infrastructure development, renovation and equipment, out of which Rs. 14 Crores has been released through Rashtriya Uchchar Shiksha Abhiyan (RUSA). • JNTUH has been identified as an Affiliating Technological University (ATU) under the components of 1.3 of TEQIP- III by NPIU (National Project Implementation Unit) from 2017 to 2020. In order to implement TEQIP - III activities, the NPIU has granted an amount of Rs. 7 Crores towards research activities and Faculty Development Programmes for Mentee Universities and JNTUH. The four mentee Universities of focussed states identified are: 1. Assam Science Technology University, Guwahati, Assam, 2. Chattisgarh Swamy Vivekananda Technical University, Chattisgarh, 3. Rajiv Gandhi Proudयोगiki Vishwavidyalaya, Bhopal, Madhya Pradesh, 4. Rajasthan Technical University, Kota, Rajasthan. • Jawaharlal Nehru Technological University Hyderabad launched a University wide Innovation and RD initiative JNTUH Innovation Hub (J-Hub), on January 6th 2018. J-Hub is a unique platform that matches the strength of student talent and R D in the University to incubate tech- solutions and start-ups with the support of the industry and the entrepreneur network available in the state and globally. The J-Hub extends support at all stages in the ecosystem from the idea to incubation of start-ups. AT COLLEGE LEVEL: The Institute of Science Technology, JNTUH has attracted major funding programmes of the DST - FIST, AICTE, Nano Machine, UGC, TEQIP to the tune of 30 crores for the last five years. It is one of the best performing institutes in the phases of TEQIP - I, II and III. The Institute is recognized by the NPTL Regional Centre. All the M.Tech / M.Pharmacy Programmes are accredited and PCI affiliated respectively, Got several patents for their innovation and the recently has established institute Innovation Council as per the norms of the Innovation Cell Ministry HRD Government of India.

Provide the weblink of the institution

### 8.Future Plans of Actions for Next Academic Year

• Our University has planned to deliver the outcome-based education more effectively as compared to last academic year. • University has planned to sign a greater number of MOU's with the various industries as well as premium institutes. With the help of this sharing of expertise and facilities will be focused prominently. This will help to both the students as well as faculties to be in touch with new technologies as well as research methodologies. • University will focus to increase the number of courses to be attended by the students. • University Colleges/Units have planned to carry out more number of trainings, workshops and submission of funding proposals so as to have overall upliftment of the institute. All these activities will be carried out with the help of incubation centre. • University Colleges/Units have planned to conduct training

programmes on recent technologies and trends for making the students to prepare for carrier growth. • Planned and included the subjects according to industry needs in the syllabus. • To Make the University Excel in RD Activities. • Encourage students towards Entrepreneurship • Technology transfer • Making of Light weight Bullet Proof Material in collaboration with Nanospan/DRDO • Molecular level Water purification using Nanomaterials like Graphene Oxide • Thermal conductivity modifications • Preparation of Conductive Ink: collaboration with Nano span • Developing Super-capacitors in collaboration with Nano span under EDC • Patenting of innovative works