



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	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)	https://jntuh.ac.in/uploads/downloads/NACAOAR2017_18.pdf																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://jntuh.ac.in/academic-calendars																		
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														
6. Date of Establishment of IQAC	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															
No Data Entered/Not Applicable!!!																			

[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
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

No

Upload latest notification of formation of IQAC

No Files Uploaded !!!

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 2019 - 45th Rank • Encouraging and supporting 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
No Data Entered/Not Applicable!!!	
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	29-Mar-2019
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	27-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p> Planning and Development: All the upcoming activities of the University/Academic Units like workshops, conferences, notifications, tenders are uploaded on the University website regularly. Apart from these the necessary information for affiliated colleges regarding affiliation, examinations, academic calendars, syllabus and regulations etc is made available on the University website. </p> <p> Affiliation: Entire affiliation process is online. Information like Application Form for the Colleges seeking Affiliation, Affiliation Regulations, JNTUH Fee Structure for Affiliation Process, Courses offered approved by the JNTUH for the academic year, Facilities to be inspected by the FactFinding Committee for Affiliation, Records/Data to be shown to the FactFinding Committee for Affiliation. A separate portal has been launched in public domain for updating information of all the affiliated colleges by themselves from time to time which is authenticated by the Directorate of University Academic Audit Cell of the University. This Portal will help those seeking Information about various colleges which are affiliated to JNTUH. It also offers a platform for stakeholders to express their Views (or) Opinions (or) Suggestions freely for effective feedback to the University. Faculty Registration and Students Grievances is also made online. All the directorates/Academic </p>

Units of JNTUH have their own web portals and any information regarding their upcoming/latest activities are available on the web portals. Finance and Accounts: The University is using tally package for the effective implementation of the accounts. Student Admission and Support: The entire admission process from filling and submission of applications, entrance examinations, announcements of results, counselling, issue of admit cards and payment is online. Examinations: Several firstofitskind innovative best practices have been introduced at the Examination branch, namely, Electronic Distribution of Examination Papers (EDEP), onlineexaminations/CBT for internal evaluation, online payment facility for various student services, instant transcripts (across the counter) service etc. In addition, the Examination branch has inhouse Software Development Center to look after the various software automation needs of the Examination branch. Apart from these the following things are made online: ? Attendance details are uploaded to the university on a fortnightly basis. ? The Internal Marks from the Affiliated and Autonomous Colleges offering UG and PG Programmes are uploaded to the University server periodically. ? Online uploading of the PG Project Work and panels of VivaVoce Examiners has been introduced and these Panels are approved through online mode only. ? Jumbling of Examination Centres has been automated and the jumbling list is generated by a computer programme based on the cluster of colleges and the strength of the students. ? The appointment of Observers by the University has been automated. ? Online Academic Verification of Students' details and their Certificates have been initiated. ? The original degree generation along with semesterwise marks 2D bar codes at the back page, have been indigenously carried out.

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 !!!			
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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 !!!				
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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 !!!		
No file uploaded.		

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	01/07/2018
MPharm	All Programs as mentioned in Criterion 1.1.1	01/07/2018
MBA	All Programs as mentioned in Criterion 1.1.1	01/07/2018
MCA	All Programs as mentioned in Criterion 1.1.1	01/07/2018
MSc	All Programs as mentioned in Criterion 1.1.1	01/07/2018

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
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
No Data Entered/Not Applicable !!!		
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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

At College Level: Institute of Science and Technology, JNTUH • Feedback in a semester three times will be discussed as we are taking online feedbacks from the students and the same is informed to the faculty for introspection and improvement • Feedback on the teaching-learning process is an online process which includes 1) Course exit survey given by the students 3 times, immediately after commencing the class work, before first mid examination and the end of the semester, 2) Program exit survey at the end of the program by the students, 3) Alumni survey taken from alumni annually during alumni meeting 4) Employer survey taken from employer annually, where the student joined. The received feedback is then analyzed and it is also forwarded to the Head of the institution with necessary suggestions based on this feedback. Teachers provide informal as well as formal feedback to the head of the institution on different academic, administrative and other affairs related to the college. Grievances (if any) and necessary suggestions can be registered to the Grievance Redressal cell of the institution. School of Information Technology, JNTUH • Alumni students feedback is taken for revising the course structures and introduction of new subjects in the course curriculum. • Teachers feedback is taken for improving the teaching facilities like providing more ICT facilities and use of digital library through internet. • Parents feedback is utilized for improving student facilities like hostel facility. • Students feedback is taken for enhancing the teaching skills of faculty and academic facilities like library, hostel etc. • Employers feedback is improving the convenience in working facilities such that better service is provided to the students.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
No Data Entered/Not Applicable !!!				
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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
2018	0	394	0	74	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	Number of	ICT Tools and	Number of ICT	Numberof smart	E-resources and
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Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
No Data Entered/Not Applicable !!!					
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Normally the University 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. At college level mentoring of students is conducted by the departments of the institution. Mentoring of students is based on the following objectives: • To increase the teacher-student contact hours • To identify and address the problems faced by slow learners to decrease the student drop-out rates • To prepare students for the competitive world Every year, departments organize orientation sessions on the class commencement day for students of first semesters and explain the designing and implementation of the mentoring system of the department. 3 sessions of personal counselling per semester by allotting ~ five students / Faculty on Behavioural issues, career opportunities etc., • Students are given mentoring for NET / SET • Placement cell, grievance redressal cell, anti- ragging cell • Student scholarships (SC, ST, BC, EBC, Minority) • Students are encouraged to: ? Attend seminars/conferences ? Participate in sports and cultural activities ? Attend lectures on soft and communicative skills and stress management Outcomes: ? The students pass percentage in the examinations is quiet encouraging ? After completion of PG Courses, our students are equipped to qualify in CSIR/UGC-NET, SET, GATE, ICMR and other competitive examinations ? Based on the Employer feedback, the students placed in the industries are performing well

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
394	74	1:5.32

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
48	38	10	0	31

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

[View File](#)

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	336	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)

<http://jntuhist.ac.in>

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
No Data Entered/Not Applicable !!!					

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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)

No Data Entered/Not Applicable !!!

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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!		

[View File](#)

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
No Data Entered/Not Applicable !!!				

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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
No Data Entered/Not Applicable !!!		
View File		

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
No Data Entered/Not Applicable !!!				
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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
No Data Entered/Not Applicable !!!					
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Civil Engineering	8
Computer Science Engineering	20
Electrical Electronics Engineering	26
Electronics Communication Engineering	19
Mechanical Engineering	21
Metallurgical Engineering	2
Bio-technology	32
Chemistry	28
Environmental Science Technology	3
Earth Atmospheric Sciences	2
Mathematics	11
Nano Science Technology	2
Physics	10
Spatial Information Technology	1
Water Resources	1
Pharmaceutical Sciences	50
Management Studies	19
English	2
Physical Education	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)
No Data Entered/Not Applicable !!!			

[View File](#)

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
No Data Entered/Not Applicable !!!	
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
No Data Entered/Not Applicable !!!			
View File			

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
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!						
View File						

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

Number of Faculty	International	National	State	Local
No Data Entered/Not Applicable !!!				
View File				

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)
No Data Entered/Not Applicable !!!			
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 !!!				
No file uploaded.				

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
No Data Entered/Not Applicable !!!			
View File			

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
65.92	58.76

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
No Data Entered/Not Applicable !!!	
View File	

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	Fully	16.0	2006

4.2.2 – Library Services

Library Service Type	Existing	Newly Added	Total
No Data Entered/Not Applicable !!!			
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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
No Data Entered/Not Applicable !!!			
View File			

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	520	23	442	13	11	14	10	100	0
Added	35	0	35	0	0	0	0	0	0
Total	555	23	477	13	11	14	10	100	0

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
NPTEL SWAYAM MOOCs	kalagaddavrao.moodlecloud.com

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
58.71	20.22	50.55	115.53

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 University spent Rs. 134.00 lakhs for library books, journals (Printed and e-resources) in the year 2018-19. Print Journals: (Rs. 11.00 Lakhs) University Library has renewed subscription to 234 Nos. of print journals of National/International journals for the year 2019 for an amount of Rs. 11.00 Lakhs. Books Budget Sanction: (Rs. 20.00 Lakhs) The procurement of the Printed (Text Reference) Books to the University Library through book exhibition for an amount of Rs. 20.00 Lakhs for the year 2018-19 is under process. Digital Library: E-resources Online Journals: (Rs. 69.00 Lakh) University Library renewed subscription to 11 Nos. of E-resources/ Online Journals of National/International journals databases as per AICTE for the year 2019 for an amount of Rs. 69.00 Lakhs. e-books: (Rs. 34.00 Lakhs) Providing perpetual access to 348 Nos. of e-books to the academic users of JNTUH campus and also to all the four Constituent Colleges at Hyderabad, Sultanpur, Jagtial and Manthani for an amount of Rs. 34.00 Lakhs (Rupees thirty-four lakhs only) is under process. 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.

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
No Data Entered/Not Applicable !!!		
View File		

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
No Data Entered/Not Applicable !!!			

[View File](#)

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
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No Data Entered/Not Applicable !!!

[View File](#)

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
4	4	8

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

No Data Entered/Not Applicable !!!

[View File](#)

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
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No Data Entered/Not Applicable !!!

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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
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No Data Entered/Not Applicable !!!

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

Activity	Level	Number of Participants
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No Data Entered/Not Applicable !!!

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The centre for Chemical Sciences and Technology, IST, JNTUH has active cell of student council. This council consists of student elected class coordinator along with a teaching faculty. This student council actively participates in all activities of the institute with guidance of the teaching faculty coordinator. This council helps the teaching faculties as well as management of the institute both in academic as well as administrative activities as follows:

- Coordination of academic activities throughout the semester - Coordination of co-curricular and extracurricular activities smoothly - Coordination of industrial visits - Coordination of seminars/workshops by inviting external guests - Presenting the problems of students in front of teaching faculty as well as management - To assists teaching faculties heading various academic as well as administrative committees - Motivating the students to actively participate in various activities initiated by the Centre. Centre also provides the necessary support to student council for organization of any activity. Council helps the teaching faculty coordinators in many of the other committees as library, hostel, mess, grievance etc

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

175

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

49000

5.4.4 – Meetings/activities organized by Alumni Association :

1

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 iv. The Vice-Chancellor shall be the Chairman of the Council and 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. 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. 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. University Committee for Perspective Planning: Prepares perspective plan for various developmental activities, establishment of laboratories, infrastructural activities, RD activities, any other activities and policies as deemed appropriate. The UCPP scrutinizes the proposals before placing them in the Executive Council for administrative sanction. COLLEGE LEVEL: The Academic Committee is represented by the Director of the Academic Unit, who shall be the chairperson of the committee, all professors of the Academic Unit, one expert from industry for each faculty in the Academic Unit to be nominated by the Director in consultation with the Professor of the particular faculty, two representatives of the students to be nominated by the Director. Faculty members and Boards of Studies prepare the syllabi.

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

Partial

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 adopted AICTE Model Curriculum from the Academic Year 2018-19 for all UG Programmes and in the process of adopting AICTE Model Curriculum from the Academic Year 2019-20 for all PG Programmes. At College Level: Curriculum designing and development is decided by the university. Director and Faculty members interact with the university and provide their views related to curriculum development. The process involved in designing of the curriculum is as follows: Initially UGC and AICTE regulations were followed for designing the curriculum based on Blooms taxonomy. Program assessment committee (PAC) collects the feedback about the program from all the stakeholders. The stakeholders include faculty, students, experts from academia, industry and research organizations, administration, alumni, parents and employer. Later the data obtained from regulatory authorities such as evaluation of students, their employability and scope for higher studies are also collected and used for revision of curriculum. This data is analyzed by the DAB in a series of brain storming sessions. Feedback obtained from the stakeholders and the observations made by PAC are submitted to the Department Advisory Board (DAB)/ Board of Studies for further evaluation and developments. The Board of Studies includes Head of the Department, faculty members, research experts, scientists, Industry personnel from different professional streams and also student representative. The Board of studies takes into consideration the vision and Mission of the institute, PEOs, POs and the inputs of DAB for refinement of the program curriculum. The final refinement and approval of the curriculum takes place in the BOS meetings. The approved copy of syllabus is communicated to the Director (IST) for approval in Board of Governors

(BOG)/Academic council of IST. In the year 2015 Choice Based Credit System has been introduced. The program curriculum is evaluated by evaluation of student performance (Mid-term End-term examinations, seminars and project work) and feedback obtained from the students directly. The curriculum is also evaluated in terms of opportunities for higher education and employment for the students and also based on alumni and employer survey. The Gaps identified in the curriculum are filled by regular revision of the syllabus and improvement in the instruction and evaluation methods. Board of studies (BoS) is a body in the University to formulate the curriculum with proper Meetings and suggestions from Premium Institute and Industry. Faculty used to interact with Academicians through workshops, Conferences.

Teaching and Learning

Every year the University allocates budget for purchase of new equipment, establishment of new lab facilities, building of physical infrastructure and digital infrastructure to support the revised curriculum and make the learning atmosphere more student friendly. Student mentors are allocated for a group of 5 students at the beginning of the course and they remain for the entire duration of study guiding the students in every aspect and even advising them on personal personal problems. A psychologist was made available for students in case of them facing stress, depression, inferiority complex etc. The faculty members are encouraged to adopt ICT and interactive methods of teaching. The University depute faculty for Quality Improvement Programme (QIP) and training programs. Faculty members have attended the workshop on MOOCs, E-content and open educational resources organized by UGC-HRDC.

Examination and Evaluation

During the peak time of spot valuation, about 500 evaluators visit the exam branch for evaluating the exam answer scripts. It is essential to provide the basic amenities like keeping their belongings at a secured place and a facility for dining. At the ground floor of the exam branch a facility has been created for keeping the bags and

belongings and to take lunch. This initiative helped to keep the security, hygienic conditions as well as the comfort to the evaluators. Bifurcation of the data in the results processing server. At the results processing section only one server was used earlier for all the data records of the candidates for whom the original degrees have already been issued as well as for the students who are studying/course completed but having backlogs. As the records run into crores, it poses the challenges like delay in quarry execution as well as breach of security. To avoid these problems, the data of the result processing server had been bifurcated into 1) the data of the graduates for whom the original degree certificates had been issued and 2) the data of the students who are still studying/writing University exams. 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 third party agencies. Now the original degree certificate generation along with semester-wise marks 2-D bar codes at the back page, have been indigenously carried out. This initiative contributed a substantial saving to exam branch. As no separate server is maintained now, and all processing happens on one single data, the inconsistency problems are completely eliminated. On-Screen evaluation of PG exams. The University examination branch has initiated the on-screen evaluation for the examination papers of M.Tech and M.Pharmacy courses on experimental basis during December-January-2019 examinations. The answer papers have been successfully evaluated and the results have been announced.

The main advantages of this new evaluation system is quick evaluation, easy maintenance, retrieval and storage, possibility for scaling up the activity, evaluation from remote location etc. T-Wallet payments for different exam-branch services. The Payment of fee for different student services has been enhanced by introducing T-wallet mode of receipts. This service is available to students in-addition to existing challan/DD and

payment gateway services.

Research and Development

The University has a Directorate of Research and Development under which Departmental Research Committees (DRCs) have been constituted to identify emerging areas of research, and monitor the progress of research scholars. The DRC comprises the Board of Studies (BoS) Chairperson, Head of the Department (HoD) and two senior faculty members of the department concerned. Research Review Meetings (RRMs) are conducted once in every six months. In these meetings, DRC reviews the progress of the research work of the scholars. The University has recognized nine research centres in affiliated colleges based on the criteria of availability of infrastructure, qualified faculty and track record of research in those colleges. The members of the faculty of the affiliated colleges ratified by the University as per the UGC guidelines can be supervisors / co-supervisors of research scholars. 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. The latest techniques are implemented to ensure quality of research and development. Institute of Science and Technology, JNTUH is Encouraging joint research by faculty members, which has resulted in their national and international joint publications. Encouraging faculty members to undertake major and minor research projects and disbursement of received research funds for purchase of items without delay. Faculty members are presently undertaking major and minor research projects funded by DST, DBT,

UGC, INDOUS and others.

Library, ICT and Physical
Infrastructure / Instrumentation

The 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. 134.00 lakhs have been spent for library books, journals (Printed and e-resources) in the year 2018-19. The University Central Library also provides adequate facilities with latest books to the faculty members 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 academic 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.

The University supports all its constituent colleges and academic units to update their physical infrastructure based on the requirement as a part of smooth functioning. The University has taken up the construction work of several buildings to meet the demand for Classrooms, new Departments, and accommodation of new Courses. New Labs and equipment are added according to the revised curriculum and encourage the research activities. Every Year New equipment worth several lakhs is purchased in the process of upgrading the existing facilities and to add new facilities.

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 Centre (UIIC) headed by a Director to cater to the needs of the industry to strengthen the University-industry interaction. UIIC regularly conducts career guidance programs and Employability skills training programs for the benefit of students by inviting eminent persons from both industry and academia. UIIC even conducts seminars/workshops on emerging areas for faculty members by inviting people from public and private sector organizations. The experts in thrust areas are invited from the industries to deliver lectures at various departments/units of the University to interact with students and faculty. The University has also

entered into several MoUs with industries for internships, training, research and development. Several Faculty members of the academic units are working on collaborative research projects. The University established a unique platform, JNTUH Innovation Hub (J-HUB), to transform innovative ideas of students into start-ups. JNTUH Innovation hub has entered into MoU with Confederation of India Industry, Hyderabad to create an IP ecosystem at J-HUB. It includes supporting student and faculty innovations by way of creating awareness, counselling, search and filing of IPR. The J-HUB extends support at all stages in the ecosystem from the idea to incubation of start-ups.

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>All the upcoming activities of the University/Academic Units like workshops, conferences, notifications, tenders are uploaded on the University website regularly. Apart from these the necessary information for affiliated colleges regarding affiliation, examinations, academic calendars, syllabus and regulations etc is made available on the University website.</p>
<p>Administration</p>	<p>Affiliation: Entire affiliation process is online. Information like Application Form for the Colleges seeking</p>

Affiliation, Affiliation Regulations, JNTUH Fee Structure for Affiliation Process, Courses offered approved by the JNTUH for the academic year, Facilities to be inspected by the Fact-Finding Committee for Affiliation, Records/Data to be shown to the Fact-Finding Committee for Affiliation. A separate portal has been launched in public domain for updating information of all the affiliated colleges by themselves from time to time which is authenticated by the Directorate of University Academic Audit Cell of the University. This Portal will help those seeking Information about various colleges which are affiliated to JNTUH. It also offers a platform for stakeholders to express their Views (or) Opinions (or) Suggestions freely for effective feedback to the University. Faculty Registration and Students Grievances is also made online. All the directorates/Academic Units of JNTUH have their own web portals and any information regarding their upcoming/latest activities are available on the web portals.

Finance and Accounts

The University is using tally package for the effective implementation of the accounts.

Student Admission and Support

The entire admission process from filling and submission of applications, entrance examinations, announcements of results, counselling, issue of admit cards and payment is online.

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), 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. Apart from these the following things are made online: ? Attendance details are uploaded to the university on a fortnightly basis. As a result, finalization of attendance, preparation of condonation and detention list of

the candidates are done at the University level only. This process has eliminated the scope for any irregularities at the College level. ? The Internal Marks from the Affiliated and Autonomous Colleges offering UG and PG Programmes are uploaded to the University server periodically. ? Online uploading of the PG Project Work and panels of Viva-Voce Examiners has been introduced and these Panels are approved through online mode only. ? Jumbling of Examination Centres has been automated and the jumbling list is generated by a computer programme based on the cluster of colleges and the strength of the students. ? For the smooth and fair conduct of the University Examinations, the appointment of Observers by the University has been automated. ? Online Academic Verification of Students' details and their Certificates have been initiated for the benefit of Embassies, Industries, and other Organizations. ? The original degree generation along with semester-wise marks 2-D bar codes at the back page, have been indigenously carried out. ? The University examination branch has initiated the on-screen evaluation for the examination papers of M.Tech and M.Pharmacy courses on experimental basis during December-January-2019 examinations. The answer papers have been successfully evaluated and the results have been announced. The main advantages of this new evaluation system is quick evaluation, easy maintenance, retrieval and storage, possibility for scaling up the activity, evaluation from remote location etc.

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
No Data Entered/Not Applicable !!!				
View File				

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	Title of the	From date	To Date	Number of	Number of
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	professional development programme organised for teaching staff	administrative training programme organised for non-teaching staff			participants (Teaching staff)	participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

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
No Data Entered/Not Applicable !!!				
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>The University implements several welfare schemes for teaching and non-teaching staff. The following are the some of the schemes adopted by the University, (i) Group Insurance (ii) Provident Fund (iii) University Health Centre (iv) Loans for various purposes (v) Pension Fund (vi) Sabbatical Leave (vii) Sports Activities JNTUH has been providing convenient platforms to the teaching, non-teaching, women, and SC/ST stakeholders by allowing them to have healthy associations to benefit themselves by handling grievances and resolving identified problems and other common general issues by conducting periodical meetings.</p>	<p>The University implements several welfare schemes for teaching and non-teaching staff. The following are the some of the schemes adopted by the University, (i) Group Insurance (ii) Provident Fund (iii) University Health Centre (iv) Loans for various purposes (v) Pension Fund (vi) Sabbatical Leave (vii) Sports Activities JNTUH has been providing convenient platforms to the teaching, non-teaching, women, and SC/ST stakeholders by allowing them to have healthy associations to benefit themselves by handling grievances and resolving identified problems and other common general issues by conducting periodical meetings.</p>	<p>Sports Activities, University Health Centre</p>

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
No Data Entered/Not Applicable !!!		
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	AICTE	Yes	TEQIP-III
Administrative	Yes	AICTE	Yes	TEQIP-III

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)

ICT should be increased in teaching learning process The department has been provided new computers and aids to increase the use of ICT enabled teaching and learning. Computer-aided methods are now used by majority of the departments to deliver lectures. Faculty should be encouraged to undertake F.I.P. In the current academic session all faculty members have participated in different faculty improvement programmes. The college should have some more smart classes Construction of three new smart classrooms (Department of Biotechnology) has

been completed and teaching-learning process has started in these three smart classrooms. International/national workshops Conference to improve research culture in the Institute. Students and faculty members from colleges/Academic units as well as from outside the University used to present their Research paper. To enhance employability Industry Institute Interaction is strengthened by entering MoUs with 2 organizations in the year 2019.

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 !!!					
View File					

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
Equity action plan	07/08/2019	08/08/2019	40	60

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
30

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	Yes	3
Ramp/Rails	Yes	3
Braille Software/facilities	No	0
Rest Rooms	Yes	3
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	0
Any other similar	Yes	3

facility

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 !!!							
View File							

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 !!!			
View File			

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 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. 3. Tree plantation programs are organized by NSS. 4. The campus has been declared "Ban on Single-use Plastic Items".

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) The University encourages all the constituent colleges/Academic Units to apply for NBA Accreditation. Accordingly, the following M.Tech. Programmes of IST, JNTUH are Accredited by NBA. Name of the M.Tech Programme Duration of Accreditation Current status Bio Technology 2018-21 Accredited Chemical Technology 2016-19 Accredited Environmental Management 2018-21 Accredited Environmental Geomatics 2018-21 Accredited Nano Technology 2016-19 Accredited Water and Environmental Technology 2018-21 Accredited 2) 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 (DUFRR) to guide the foreign students. The students are admitted through single window system. 3) To make the students industry ready and provide them maximum exposure the University has entered into several MoUs with industries for internships, training, research and development. 4) The University encourages constituent and affiliated colleges to establish J-Labs through JNTUH Innovation Hub. 30 J-Labs were established to step up innovation, entrepreneurship and incubation

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 45th in the engineering stream of NIRF Rankings 2019. • 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 Proudyogiki 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.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

• University has planned to sign a greater number of MOU's with 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. • Institute has planned to carry out more number of trainings, workshops and submission of funding proposals so as to have overall upliftment of the institute. • Institute is going to conduct training programmes on recent technologies and trends for making the students to prepare for career growth. • Planning for a internship facility with HCCI to students regarding their career growth. • Planning to incorporate the subjects in regarding with industry needs • Encourage students towards Entrepreneurship • Technology transfer • Patenting of innovative works