

YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution GURU JAMBHESHWAR UNIVERSITY OF

SCIENCE AND TECHNOLOGY, HISAR

• Name of the Head of the institution PROF. NARSI RAM BISHNOI

• Designation VICE-CHANCELLOR

• Does the institution function from its own Yes

campus?

• Phone no./Alternate phone no. 01662263512

• Mobile no 9416672988

• Registered e-mail IQAC@GJUST.ORG

• Alternate e-mail address IQACELLGJUST@GMAIL.COM

• City/Town HISAR

• State/UT Haryana

• Pin Code 125001

2.Institutional status

• University State

• Type of Institution Co-education

• Location Urban

Page 1/107 24-10-2024 10:20:14

• Name of the IQAC Co-ordinator/Director PROF. ASHISH AGARWAL

• Phone no./Alternate phone no 01662263512

• Mobile 9416672988

• IQAC e-mail address IQAC@GJUST.ORG

Alternate Email address
 IQACELLGJUST@GMAIL.COM

3. Website address (Web link of the AQAR (Previous Academic Year)

https://www.gjust.ac.in/Page/Inde
x 4 Department?id=616&pid=408&mid
=415&departmentId=616&catId=570

4. Whether Academic Calendar prepared during the year?

Yes

• if yes, whether it is uploaded in the Institutional website Web link:

WWW.GJUST.AC.IN

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 4	A+	3.38	2022	18/10/2022	17/10/2024

6.Date of Establishment of IQAC

03/01/2004

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

Institution/ Depart ment/Faculty	Scheme	Funding agency	Year of award with duration	Amount
NA	NA	NA	NA	NA

8.Whether composition of IQAC as per latest NAAC guidelines

Upload latest notification of formation of IQAC

View File

Yes

9.No. of IQAC meetings held during the year

 The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.
 (Please upload, minutes of meetings and Yes

1

Page 2/107 24-10-2024 10:20:14

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

View File

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

• If yes, mention the amount

No

No

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

DIFFERENT NATIONAL AND INTERNATIONAL RANKINGS AND NAAC ACCREDITATION ETC.

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

Plan of Action	Achievements/Outcomes	
YES	YES	

13. Whether the AQAR was placed before statutory body?

No

• Name of the statutory body

Name	Date of meeting(s)	
Nil	Nil	

14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?

Yes

15. Whether institutional data submitted to AISHE

Part A				
Data of the	Data of the Institution			
1.Name of the Institution	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR			
Name of the Head of the institution	PROF. NARSI RAM BISHNOI			
Designation	VICE-CHANCELLOR			
Does the institution function from its own campus?	Yes			
Phone no./Alternate phone no.	01662263512			
Mobile no	9416672988			
Registered e-mail	IQAC@GJUST.ORG			
Alternate e-mail address	IQACELLGJUST@GMAIL.COM			
• City/Town	HISAR			
State/UT	Haryana			
• Pin Code	125001			
2.Institutional status				
University	State			
Type of Institution	Co-education			
• Location	Urban			
Name of the IQAC Co- ordinator/Director	PROF. ASHISH AGARWAL			
Phone no./Alternate phone no	01662263512			
• Mobile	9416672988			
• IQAC e-mail address	IQAC@GJUST.ORG			

Page 4/107 24-10-2024 10:20:14

Alternate Email address			IQACEI	LGJU	ST@GMA]	L.CO	M
3.Website address (Web link of the AQAR (Previous Academic Year)			https://www.gjust.ac.in/Page/Ind ex_4_Department?id=616&pid=408&m id=415&departmentId=616&catId=57 0				
4. Whether Academic Calendar prepared during the year?			Yes				
• if yes, whether it is uploaded in the Institutional website Web link:			WWW.GJ	WWW.GJUST.AC.IN			
5.Accreditation	Details						
Cycle Grade CGPA		Year of Accredit	ation	Validity	from	Validity to	
Cycle 4	A+	3.38	3.38 2022		18/10/	202	17/10/202
6.Date of Estab	lishment of IQA	AC	03/01/	2004			
	T/DBT/ICMR/	ΓEQIP/World F	Bank/CPE	E of UC	GC etc.		
Institution/ Depterment/Faculty	oar Scheme	Funding	agency		of award duration	A	mount
NA	NA	N.	A		NA		NA
8.Whether composition of IQAC as per latest NAAC guidelines • Upload latest notification of formation of IQAC			Yes View Fil	<u>e</u>			
 9.No. of IQAC meetings held during the year The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) 			1 Yes				
(Please upload, minutes of meetings and			View Fil	<u>e</u>			

action taken report)				
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No			
• If yes, mention the amount	No			
11.Significant contributions made by IQAC d	during the current year (maximum five bullets)			
DIFFERENT NATIONAL AND INTERNATIONAL RANKINGS AND NAAC ACCREDITATION ETC.				
12.Plan of action chalked out by the IQAC in Quality Enhancement and the outcome achiev	•			
Plan of Action	Achievements/Outcomes			
YES	YES			
13.Whether the AQAR was placed before statutory body?	No			
Name of the statutory body				
Name	Date of meeting(s)			
Nil	Nil			
14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it	Yes			
to Assess the functioning?				
	ISHE			
to Assess the functioning?	ISHE Date of Submission			

16.Multidisciplinary / interdisciplinary

a) The vision of the university is to develop itself as a holistic multidisciplinary institution. The university is already a multidisciplinary institution and it has established many multidisciplinary centres including Centre of Radio Ecology, Bio & Nano Technology Centre and Department of Emerging technology. A

state of the art Dr. APJ Abdul Kalam Central instrumentation Laboratory has been established from the support of RUSA and PURSE grant with high end research equipment's to promote interdisciplinary research. Further, University plans to establish Interdisciplinary Centre for Functional materials and Innovative devices under RUSA-Component 10 Grant sanctioned to the University. It offers 59 programmes in the fields of Science, Technology, Management and Humanities etc. The University has started offering M.A. Hindi, M.A. English and M.Sc. Economics from the session 2019-20 and UG and PG programmes in Psychology, and UG programme in Economics as well. b) University has adopted AICTE model Choice Based Credit System curriculum for all UG and PG programmes in engineering and technology. In AICTE approved programmes for UG and PG about 15% of the contents of the courses are from humanities stream. Courses about Indian constitution and Human values have been included in the first year of all B. Tech. programmes. Further, curriculum of all M.Tech programs have been revised w.e.f 2020-21 with the introduction of Open electives and Audit courses in an attempt to integrate humanities and science with STEM education. c) The University has implemented Choice Based Credit System in most of the programmes from the session 2007-2008 and further revised and updated recently. The University has established Universal Human Values Centre as per AICTE guidelines in the campus. Environmental education is integral part for UG/PG programmes. d) The University has implemented multidisciplinary flexible curriculum in newly launched programmes namely B.A. Mass Communication (4 years) and B. Voc. Food Processing and Engineering from the academic session 2020-21 with multiple entry and exit. The University has also introduced four Dual degree B.Sc (Hons)-M.Sc Mathematics, Physics, Chemistry and Biotechnology w.e.f 2016 on IISER pattern wherein Mathematics, Computer Science, Environment Science and Biology are mandatory for all programmes. e) The University is offering multidisciplinary research based curriculum in some of the programmes e.g. B. Tech. Mechanical Engineering, Food Technology and M.Sc. Biotechnology, M.Sc. Environmental Science and Engineering, B. Pharmacy and M. Pharmacy programmes where project work is included in the course of study. g) Pt. Deen Dayal Upadhyaya Incubation and Innovation Center has been set up in the University to promote technological development, interdisciplinary research, innovation and Start-up activities and industry-academia linkages with budget outlay of Fifteen Crores. h) The university has executed 42 MoUs with University/Institution/ Industry at national and international levels for the promotion of inter institutional research collaboration, faculty exchange, staff and students' training.

Further, university also look forward to use these collaborations for offering joint multidisciplinary courses as per UGC guidelines. In the coming days, the university looks forward to transform existing curriculums across disciplines to multidisciplinary liberal curriculum.

17. Academic bank of credits (ABC):

Academic Bank of Credits (ABC): a) To fulfil the requirement of Academic bank of credits (ABC) as proposed in NEP 2020, the University has constituted a committee consisting faculty members of various subjects/area. The departments/faculties are in process to redesign/modify their UG and PG courses in the light of "ABC" proposed in NEP 2020 and to propose/decide the total minimum credits and time period required for Degree, Diploma & Certificate of each and every programme as well as nomenclature of the programmes /Degree/Diploma/Certificate to be awarded. For example, the Department of Chemistry has proposed to award PG Diploma in Chemical Analysis/Analytical Chemistry on exit after one year of two years MSc Chemistry programme. b) The University has designated a Nodal officer for opening and handling an account on National Academic Depository (NAD) / Digi Locker website. The University is in process for registering under the ABC to permit its learners to avail the benefit of multiple entries and exit during the chosen programme. c) The University has collaboration with many Institutes. University has formed Hisar Knowledge Hub, which facilitates the faculty members/Scientists of Hub Institutes for admission in Ph.D. programme. The University has signed MoU with EdCIL to recruit foreign students for various courses on behalf of the University. The foreign students can also take admission directly in the University. d) University promote faculties to design their own curricular and pedagogical approaches by doing short trainings/ refresher courses etc. by the HRDC of the University. e) University has already implemented the UGC Credit Based System Learning Outcome Based Curriculum Framework (LOCF) in most of the UG and PG courses, which will help for implementation ABC system of credit recognition, credit accumulation, credit transfers and credit redemption to promote distributed and flexible teachinglearning. GJUST is always focused on digital literacy and research aptitude, many teachers have their own you- tube channel for generating e content for their classroom learning.

18.Skill development:

The university has started a B.Voc. programme in Food Processing and Engineering having provision for multiple entry/exit in line

Page 8/107

24-10-2024 10:20:14

with the New Education Policy 2020. The University conducts several activities and training programs for upgradation of soft skills of students. Weekly Online Aptitude Tests are conducted for enhancement of aptitude skills of the students. Regular Group Discussion (GD) Series and monthly elocution contests are conducted by Speakathon Club of Training & Placement Cell (TPC) of University to enhance the communication skills. Technical Training programs have been conducted on trending topics for like Python Programming, IOT Data Analytics, Full Stack Web Development, UI/UX Design, AI using Python. Short duration and long duration Soft Skill Training programs are regularly conducted including CV building, Aptitude Test Preparation, GD, Interview Preparation etc. Programs like Talash (Idea Pitching competitions), Samvad (interaction with successful entrepreneurs) are conducted to encourage entrepreneurship and entrepreneurial skills amongst students. Webinars have also been conducted for students on Life-Skill and Value-Based topics like "A Life from Ordinary to Extraordinary", "Power of Habits", "Being Emotionally Intelligent", "Perspective Taking (Positivity or Negativity), "Inner Journey of Self Communication & Healing" , "Understanding and Countering One's Fears" , "A Healthy Mind Signifies a Healthy Body (Covid-19 Special) and "Career in Armed Forces" in years 2018-2021. From May 2021 onwards, Azadi Amrit Mahotsav Series event is being conducted till 15th Aug. 2022 by Speakathon Club in form of English Elocution Competition to commemorate 75 years of Indian independence by remembering the unsung heroes of Indian Freedom movement. The University is named after Great Saint Guru Jambheshwar Ji Maharaj, who envisioned in fifteenth century the need of saving nature and initiated the sect to preach and follow the path of harmonious growth with the nature. His Twenty-nine Commandments became the Bible for human growth and conservation of biodiversity. Therefore, value based education philosophy is very much embedded in the establishment of the University itself. In line with this guiding divine light, University Department of Religious Studies conducts research and comparative study of various religions Hinduism, Jainism, Buddhism, Christianity, Islam and Sikhism, Indian Culture with special reference to teachings of Guru Jambheshwar Ji Maharaj. In India, religion is a way of life. It is an integral part of the entire Indian tradition. In addition to this, a course on Universal Human Value have recently been included in B.Tech. programs of the University as mandated by AICTE. Also, the value education based courses are part of various programs of the University. Moreover, the University has also made a provision of NCC Course designed by DG-NCC, in which students can opt for NCC courses as optional course to earn separate certificate of 24

19. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

????? ???? ?????? ?? ?? ??? 2010 ?? ?????? ?? ????? ???????? ?????????? ??? ??? ????? ????? ?? ??????? ?????? ???????

20. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):

a) Outcome-based education (OBE) is an educational theory that bases each part of an educational system around what is essential for all students to be able to do successfully at the end of their learning experiences. For the educational system to function effectively, OBE framework is identified. It guarantees that curriculum, teaching and learning strategies, and assessment tools are continuously enhanced through an evaluation process. All the department under Faculty of Engineering & Technology, Management have designed their curriculum by following the OBE framework. The course outcomes are defined for all the courses. The Articulation matrix consisting of the mapping from COs to POs is an integral part of the various syllabi. Further, the syllabi of various engineering and management disciplines have enough inter disciplinary components from management, economics, environment sciences, Indian traditional values, Psychology, Effective communication skills, and Universal Human Values streams. All the Engineering and Management departments have designed a methodology to compute the attainment levels of COs and POs. Programs offered under Pharmacy Department are following syllabus of PCI in which Course Outcome have been defined. b) Workshops and seminars have been organised for the faculty members to understand the OBE framework. University has introduced a mandatory open book minor examination for Engineering Programs. The appropriate resolutions have been passed in faculty meeting to implement the OBE as per the NEP 2020. Appropriate modifications have been included in the Examination ordinance. c) Good Practices ? All the minor examinations are conducted and evaluated according to the COs. ? Course exit surveys are conducted to get feedback from students about the attainment of COs. ? The CO-PO attainment levels are computed and discussed for continuous improvement. ? One expert from Industry is always a member of Board of Study and Research (BOSR). ? The final semester students are given an option to do their project works in the industry.

21.Distance education/online education:

The Directorate of Distance Education of this University was established in 1997 with four programmes namely; MBA, PGDCA, BBA

& CIC. Since then a lot of progress has been made in terms of number of programmes, number of students enrolled, production of quality Self-Learning Material (SLM) etc. Not only the new programmes were added, but some of the Programmes were replaced by the new ones so as to make them highly job-oriented and enable the students to pursue them while being in job and selfemployment. At present, 3 undergraduate, 06 post-graduate programmes and 05 Diploma/Certificate Programmes in Open and Distance Learning Mode are being offered and the learning is imparted directly by the Directorate. For the admitted students, the directorate organizes Personal Contact Programmes (PCPs) during which the teachers of parent departments and the programme co-coordinators hold classes and satisfy the queries of the students. There is also well equipped Computer Lab for students with internet connection. The study material has been prepared by the Directorate with the association of specialists in the respective areas and the same is updated as and when the changes are brought about in the programme curriculum as per needs of the market. In order to have the interest of the students closely watched, the Directorate has appointed teachers/programme coordinators in the respective disciplines for each programme. Notwithstanding the moderate amount of fee charged for each programme, the students have the facility to pay the same in half yearly installments so that the students with limited financial resources can also afford to acquire quality education. In addition to it, the students of distance education get the benefit of Post Matric Scholarship (PMS) released by the Government of Haryana. From the session 2015-16 onwards, the online admission process was adopted to facilitate the student spread all over India and abroad. The Directorate is at present offering 16 job oriented programmes including MBA and B.Com (Online Mode) entitled by DEB (UGC) and approved by the University in Open and Distance Learning Mode.

Extended Profile			
1.Programme			
1.1		64	
Number of programmes offered during the year:			
File Description Documents			
Data Template		<u>View File</u>	
1.2		22	

Number of departments offering academic programmes			
2.Student			
2.1	5557		
Number of students during the year			
File Description	Documents		
Data Template	<u>View File</u>		
2.2	2317		
Number of outgoing / final year students during the year:			
File Description	Documents		
Data Template	<u>View File</u>		
2.3	5935		
Number of students appeared in the University examination during the year			
File Description Documents			
Data Template	<u>View File</u>		
2.4	732		
Number of revaluation applications during the year			
	ar		
3.Academic	ar		
	2070		
3.Academic	2070		
3.Academic 3.1	2070		
3.1 Number of courses in all Programmes during the	2070 year		
3.Academic 3.1 Number of courses in all Programmes during the File Description	year Documents		
3.1 Number of courses in all Programmes during the File Description Data Template	2070 year Documents View File		
3.1 Number of courses in all Programmes during the File Description Data Template 3.2	2070 year Documents View File		

Page 13/107 24-10-2024 10:20:15

2.2		312	
3.3		312	
Number of sanctioned posts during the year			
File Description	Documents		
Data Template		<u>View File</u>	
4.Institution			
4.1		9042	
Number of eligible applications received for admi Programmes during the year			
File Description Documents			
Data Template		<u>View File</u>	
4.2		669	
Number of seats earmarked for reserved category State Govt. rule during the year			
File Description Documents			
Data Template		View File	
4.3		145	
Total number of classrooms and seminar halls			
4.4		1775	
Total number of computers in the campus for academic purpose			
4.5		5597.44	
Total expenditure excluding salary during the year (INR in lakhs)			

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The curriculum design/development and its relevance to the local/national/global academic and industrial needs is of utmost importance for the teaching learning process of this institution. Hence, curricula planning, designing and its development is under continuous systematic process at the University. The idea of launching a new Programme is conceived at the level of the concerned department through Staff Council meetings followed by a feasibility study after consulting various stake-holders such as students, alumni, faculty, industry experts, and academic quality regulatory bodies such as, UGC/AICTE/PCI. The curriculum proposed by the Staff Council is placed before Board of Studies and Research (BoSR) for further deliberations in the presence of two domain experts and a professional from the industry. BoSR recommends the syllabus to the concerned faculty and finally passed in the Academic Council Any shortcoming/suggestions in the curriculum are referred back to the lower academic bodies for further improvement. The University updates the curricula of the various programmes in view of the national/international developments and demand of the industry. Some of the salient features of the curricula of the various programmes run by the University are listed below: The curricula is in line with the requirement of various national academic quality monitoring and accreditation bodies such as AICTE, UGC , PCI, HSCP, etc. which allows students wider choices from intra-disciplinary (Core and Elective), inter-disciplinary (Open Electives).

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

10

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

1221

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

155

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3 - Curriculum Enrichment

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

The curricula for various programmes of the University cover a wide range of courses for the holistic development of students. The curricula include courses on environmental sustainability, universal human values and professional ethics, managerial skills, computer applications, etc., for providing students a 360-degree exposure for cross-cutting issues of professional and societal significance. Environment sustainability is an issue of global prominence. Hence, a course on Environment Science/Sustainability is mandatory for all the UG programmes. The course on Environment Science, provide an understanding of our ecosystem, biodiversity, and natural resources. It makes students aware of the depleting

natural resources, their cost and implications so that they appreciate and adhere to the relationship between environmental sustainability and flourishing life on earth. The University has organized workshops on gender sensitization. These workshops have provided an essential input to identify the gender gaps, analyse the reasons for gender-specific violence in society, develop an egalitarian perspective on the socialisation of men and women, and learn how to overcome gender discrimination. The University imparts courses on Universal Human Values and Professional Ethics, Personality Development, and Stress Management through Yoga enable students to deal with professional, spiritual, and psychological aspects of life calmly and in a peaceful and composed manner.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

223

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

7401

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1284

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.4.2 - Feedback processes of the institution may be classified as follows

 Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

2589

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

- 2.1.2 Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)
- 2.1.2.1 Number of actual students admitted from the reserved categories during the year

923

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The students are recognized as advanced and slow learners through continuous evaluation process (sessional exams/quiz/surprise tests/open book tests/business games etc.) and also based on the performance of the students after conducting comprehensive exams. The advanced learners are encouraged to participate in peerlearning and peer- evaluated activities to lay a foundation for self-learning. Faculty provides preparation material in advance to encourage interactive and enquiry method of learning. Faculty shares the content for the upcoming class and conduct a quiz to enhance classroom inter activity and involvement. The following Active Learning Methods (ALMs) are employed depending on their suitability to the course: 1. Activity based learning 2. Modelling tasks 3. Technical debates 4. Brain storming Remedial classwork / bridge courses are conducted. After every internal summative test, as per the need, ALMs are recommended for slow learners. General improvement initiatives are adopted to facilitate advanced learners and slow learners. Slow learners are counseled and corrective measures are taken in terms of the following: 1. Through tutorials. 2. The students are counselled by the concerned mentors3.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	https://www.gjust.ac.in/Home/Index 360#mai n-nav

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
5557	351

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problemsolving methodologies are used for enhancing learning experiences

While planning the curriculum at GJUST, student-centric methods and principles of learning (Participative learning, experiential Learning and Problem Solving Methodologies) modes are given due weightage. Participatory Learning: At GJUST, Active Learning Methods (ALMs) like Group Discussions, Workshops, Assignments, etc., help students to acquire knowledge through participation. These student-centric methods take into account the short attention span of the students. Every Programme has incorporated participative techniques which make the student to actively interact with faculty. Experiential Learning: The students undertake lab work after completion of the relevant concepts in the classroom. The system employs varioustechniques like simulations, demonstrations, case studies, hands on training etc. To evaluate students for whom participatory and experiential learning styles are the means to attain course-outcomes, a few components with major project, minor project, the term paper, internship and practice school are used. Problem Solving Methodologies: Enhancing the problem-solving skills is attained by tutorial components/case study based learning for majority of the core courses. The tutorial sessions provide an opportunity for the students for a one-on-one interaction with the faculty and come up with better solutions for the problems. T

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The systematic use of ICT tools in classroom instruction makes the teaching learning process more effective and highly interactive. It has shifted the teaching -learning process from teacher - centered learning to student centered learning. At GJUST 100% teachers are using various soft wares and e-resources for conducting classes, labs, library resources. Power point presentations are very popularly used for delivering lectures.

Different meeting Apps are also used for conducting online classes and meetings like Zoom meeting App and Google meeting App. Soft wares which are purchased and used by teaching departments of our University are SPSS, e-Views, AMOS, NVIVO, Smart PLS, STATA IC (HSB); MATLAB-25 Users, Words Worth Language Lab-40 Users, Zoom-20 Users (Each user capacity 300 participants) (UCIC); KOHA for Library Management (AMC), Turnitin-Anti Plagiarism Software, 18200 NTPEL structured Video Lectures over LAN, 34 TV Channels under SWAYAM Prabha Program, Member of Digital Library of India Club, 8000+ eJournals, About 3 Lacs purchased/ subscribed e-books and 5 Databases (University Library). Further, other softwares including iGEMDOCK, discovery studio visualizer and Chimera X, molinspiration, Gaussian 09W program, Marvin Sketch 5.10, QSARINS v2.0, SAINT- PLUS, SADABS program, SHELXL97, WinGx suit of programs (Ver-sion 1.63.04a), OriginPro 8.5.0 SR1 and excel, MestReNova-6.0.2-5475-Win-Setup, Image J software, ICDD Powder Diffraction File-2, Origin Pro 16, VASP, WIEN-2K, Crystal Maker X, Fortran 95, Jitsi, Kahoot, MOPAC, Firefly, Libre office, Xilinx Vivado, MP Lab software are used for the teaching, learning as well as research activities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

351

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

351

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

170

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

2308

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

2.5 - Evaluation Process and Reforms

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

71

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

71

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

1

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The examination system of the University is automated for speeding up the functioning of the whole process of examination and making more transparent & efficient. For this purpose separate link is provided to the University Teaching Departments and Affiliated Colleges for submitting online admission forms, examination forms, fee payment etc. The following steps are taken by the University for the purpose of Examination Reforms: Pre-examination: The examination forms are filled by the students online on the portal given by the University to the University Teaching Departments as well as affiliated Degree Colleges for regular students and separate portal has been provided to re-appear students. On the basis of data received online in respect of subjects opted by the students, papers IDs are prepared by the Secrecy Branch for setting Question Papers and date sheet for each course by the Conduct Branch for conducting offline/online examinations.Post examination: Internal assessment awards are taken online from the teachers alongwith print of those awards duly signed by him/ her. Similarly Practical External awards are also taken online. The Answer Sheet has three parts i.e. A, B, and C having four bar codes for maintaining confidentiality. Published results are also available on University Website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The University has adopted Outcome Based Education (OBE) framework in the light of NEP 2020. It has defined Programme Educational Objectives (PEOs), Programme Outcomes (POs), and Course Outcomes (COs) for all the programmes. The vision, mission of the University and Departments, PEOs, POs and COs of various programmes are aligned in a hierarchical manner. Each programme have generic and Programme Specific Outcomes (PSOs). For instance, we have defined 3-4 PEOs, adopted the 12 POs articulated by National Board of Accreditation for B. Tech. Programmes. Each Engineering programme has defined 2-3 Programme Specific Outcomes (PSOs) pertaining to the discipline specific courses. The PEOs, POs, COs have also been worked out for PG courses in accordance with bloom taxonomy. We have defined 4-6 Course Outcomes (COs) for each of the courses including theory, laboratory courses, seminars, internships and project work of a programme using the revised Bloom's taxonomy. The COs are formulated at Low Order Thinking Skills (LOTS) (Remember, Understand, Apply) and High Order Thinking Skills (HOTS) (Analyse, Evaluate, Create) levels. The HOTS level COs give opportunity to students to analyse, synthesise and create knowledge. The articulation matrices (relationship mapping between COs to POs and PSOs) are well defined for each of the courses. The attainment levels of COs are measured through assignments, quizzes, minor and end-semester examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Every department has devised methodologies through their staff councils, Board of Studies and Research (BoSR) and Faculty meetings to compute the attainment levels of COs, POs and PSOs. A generalised framework for evaluating the attainment of COs and POs follow here. The COs are computed through direct and indirect methods. Direct components comes from computing attainment levels of COs through internal assessment which mainly includes assignments and sessional examinations. All the sessional examinations and assignments (Theory as well as lab courses) together cover-up all the COs. The assignments and sessional examinations are evaluated CO-wise and attainment level of each CO is computed. The indirect component comes from course exit survey which is conducted at the end of the course. In the exit survey, questions are based on achievement of attainment levels at five point scale. Final COs attainment is computed by assigning weightage to the direct component and to the indirect component as per the regulatory bodies like AICTE, UGC, PCI etc. Each course has an articulation matrix. The articulation matrix maps the COs with POs and PSOs at three/four levels. The computation of attainment level of POs and PSOs also involve two componentsdirect and indirect component.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1755

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The Centre of Industry Institute Partnership (CIIP) has been established to promote interaction between faculty, students and industry, mainly through consultancy & IPR. The prime objective of the Centre for Industry Institute Partnership (CIIP) is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. The activities planned under this centre will benefit academia in terms of substantial streams of external funding, enhanced opportunities for faculty and students to work on groundbreaking research, vital inputs to keep teaching and learning on the cutting edge of a discipline, and the impact of delivering solutions for pressing global challenges. The core areas under the gambit of CIIP includes Consultancy & IPR. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and other connected with work, product, ideas and inventions created in connection with the activities of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

16.65

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.3 - Number of teachers receiving national/international fellowship/financial support by

Page 26/107 24-10-2024 10:20:15

various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

116

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments,

Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

145.76

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

INNOVATION ECO-SYSTEM AT GJUST, HISAR

Guru Jambheshwar University of Science & Technology, Hisar has set up a conducive eco-system for innovations to flourish with the best infrastructure. The University has Pt. Deendayal Upadhyaya Innovation & Incubation Centre (PDUIIC), which was established in GJUST in 2018 and digitally Inaugurated by the Hon'ble Prime Minister Sh. Narender Modi on 3rd February, 2019 under the scheme of RUSA 2.0.PDUIIC aims to become a hub of Innovative and Startup activities in the state of Haryana and putting sincere efforts in this direction. This center facilitates the dream of prospective

Young Innovators from conceiving the idea to technological development by coordinating and promoting Incubation and Innovation driven activities for achieving their goal towards startups in the areas of National concern. Grants have been utilized for construction of building, funding of innovative projects, conducting Internship/training, visiting Industrial trips, organizing different events like Hackathon, workshops, seminars, distributing stipend to young innovators and establishing different labs like IoT and IDEA labs and computing lab etc.

At present, PDUIIC has state of art Building and Lab Infrastructure including Prototyping lab, Mechanical Workspace, IoT Lab, Brainstorming room, Common Workplace and many more for the students to create an Innovation and Incubation eco-system in the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

17

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

17

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

- 3.3.3 Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year
- 3.3.3.1 Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

8

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

- 3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following
- A. All of the above
- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards
Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

C. Any 2 of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

112

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

148

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.7 - E-content is developed by teachers For B. Any 4 of the above e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
464	320

File Description	Documents
Any additional information	<u>View File</u>
Bibliometrics of the publications during the year	<u>View File</u>

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
112	98

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	<u>View File</u>

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

The Centre of Industry Institute Partnership (CIIP) has been established to promote interaction between faculty, students and industry, mainly through consultancy & IPR. The prime objective of the Centre for Industry Institute Partnership (CIIP) is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. The activities planned under this centre will benefit academia in terms of substantial streams of external funding,

Page 32/107 24-10-2024 10:20:15

enhanced opportunities for faculty and students to work on groundbreaking research, vital inputs to keep teaching and learning on the cutting edge of a discipline, and the impact of delivering solutions for pressing global challenges. The core areas under the gambit of CIIP includes Consultancy & IPR. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and other connected with work, product, ideas and inventions created in connection with the activities of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

3401557

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

GJUST sensitizes students for social issues and holistic development through extension activities in the neighbourhood community. Students of the University actively participate in various activities like literacy, tree plantation, cleanliness drives and learn to sustainably manage natural resources. These extension activities are carried out under the umbrella of National Service Scheme (N.S.S.), National Cadet Corps(NCC), Swachh Bharat Swasth Bharat Cell (SBSB), Unnat Bharat Abhiyan and etc. The main objectives of these activities are to inculcate the behaviour for selfless services, empathy and self-extension among

students. Various activities including First Aid and Home Nursing training, cleanliness drives, blood donation camps, health camps, tree plantation, awareness rallies, nukkad natak, and sports activities are organized in these camps. Further, lectures on road safety, disaster management, etc. are also delivered during the camp. Surveys are also conducted in the villages to know the rural fabric and to know the problems of the villagers for providing amicable solutions. To inculcate nationalism 'Maa Tujhe Salam' and 'Ek Shaam Rashtra Ke Naam' are amongst the major patriotic programs organised annually. GJUST has established "Swachh Bharat Swasth Bharat" centre Under Swachh Bharat Abhiyan.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

30

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1684

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.7 - Collaboration

- 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year
- 3.7.1.1 Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

GJUST campus has 13 academic blocks, Mechanical Engineering workshop, Dr. APJ Abdul Kalam Central Instrumentation laboratory, Pt. Deendyal Upadhyaya University Computer and Informatics Centre

(PDUCIC), Dr. BR Ambedkar Library and Pt. Deendayal Upadhyaya Innovation and Incubation Centre (PDUIIC), Experimental Animal facility with approved animal breeding facility, Language Lab, etc. The University has academic infrastructure facilities that meet the norms of statutory bodies wherever applicable. Some of the teaching blocks have dedicated seminar halls and conference room facilities. GJUST has 123 classrooms/ seminar halls are designed for capacities ranging from 40 to 75 students. The University has 151 student laboratories and 82 laboratories are dedicated to research activities in various teaching departments. All the laboratories are designed to meet the need of the curriculum and are equipped with basic as well as advanced instruments. Dr. APJ Abdul Kalam Central Instrumentation Laboratory is being run in a separate building and having state of art instrument facility including UPLC, LCMS/MS, NMR spectrometer, XRD, Raman spectrometer, FESEM-EDX, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

GJUST believes in the holistic development of an individual. Cultural activities are organized in CRS auditorium and in the open air theatre Mayur Rangmanch. The Main Hall of CRS auditorium has a seating capacity of 1800. The auditorium also has crush hall for organizing exhibitions along with three seminar halls with a capacity of 250, 125 and 125 respectively. The University has facilities for both outdoor and indoor games. The University has a Maharana Partap stadium in the sports complex spread over an area of 12 acres for athletics, cricket, football, handball etc. Sports Complex and Facilities: The Sports Complex has one Multipurpose Hall for Indoor games i.e. Badminton, Table-Tennis, Carrom board, Chess, 16 station Multi-Gym, Yoga and Weight lifting, one half cemented Cricket pitch, one ground each for Football, Hand ball, Cricket and Athletic Track of 400 meter. In addition, two cemented Basketball courts, two Volleyball courts; two synthetic Lawn Tennis courts are also there. One cemented Lawn tennis court with practice wall and one Synthetic Badminton Rex Court have recently been constructed. The Sports Equipments/kits are issued to the students as well as to the University employees during tournaments. However, the inclement weather during most part of the year and nature of courses being very demanding form the challenges to cope with for mobilizing more students towards sport

activities. To some extent these challenges are withstood by earmarking sports time from 6 A.M. to 9 A.M. and 4 P.M. to 9 P.M.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.3 - Availability of general campus facilities and overall ambience

The University campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately, 275 acres of land have been developed providing with all facilities such as water supply, street lighting, electricity supply and parks/ lawns etc. The campus has developed various lawns and gardens including Fragrance garden, Hibiscus garden, Hydroponic Garden etc. Further, the University has also developed Dr. Anil Kumar Pundir memorial fruit garden. GJUST has eight Hostels (three for boys, four for girls and one for working women) which can accommodate about 2000 students. All the hostels are fully equipped with modern amenities like electric geysers, music systems, telephone facilities, water coolers fitted with water purifier, insect killers and adequate playgrounds and other recreational facilities like television, chessboards, carrom boards. Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have Internet and Wi-Fi facilities. The girl hostel complex also has a dedicated ATM facility, Cyber Cafe, Stationery shop. The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Hostel accommodation is provided strictly on merit and the hostel residents are governed by the terms and conditions as contained in the University Hostel regulations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

603.39

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Dr. Bhim Rao Ambedkar Library, Guru Jambheshwar University of Science & Technology, Hisar is housed in a large three storey circular building and infused with the power of state-of-the-art technology. The library has both type repositories in its own database i.e., print repository and e-repository. The library has been using Integrated Library Management System (ILMS), namely Koha since long. It is an open-source software- OSS. Therefore, it is free of cost. Through this software, the library is doing all transactions like Charging and Discharging (issue & return), Overdue-Fine, Stock Verification, Binding Records, etc. Further the library has given the personal access to all students and through their own credentials they can see the transaction record of their library accounts. Moreover, if any transaction happens in the library accounts of any reader, the software will send a message to concerned reader/s at registered e-mail. Readers can reserve the book/s by using the platform of Koha without visiting the library. Thereby, as and when the reserve book/s arrives in the library, the reader (who reserved the document/s) will get a message from ILMS automatically and can issue accordingly. It is pertinent to mention here that without visiting the library, the readers can check the availability of required study materials through Web-OPAC (access remotely).

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals ebooks e-ShodhSindhu Shodhganga Databases A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

9054071

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

109430

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

140

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The Pt. Deendayal Upadhyaya Computer & Informatics Centre (PDUCIC) is established to act as a central facility to meet the computing requirements for all the students, research scholars, staff and faculty of the University. The building consists of six labs with more than 250 desktop computers connected through LAN, one server room with the latest configuration servers, one conference room with a video-conferencing facility to cater to the ICT activities

Page 39/107 24-10-2024 10:20:15

of the University. The Centre hosts the information-centric inhouse developed and maintained website www.gjust.ac.in of University for students/stakeholders for the latest information about the University. It also hosts an independent in-house developed and maintained website www.ddegjust.ac.in for Directorate of Distance Education for related latest information. Further, the Centre provides free internet facilities to the University students in its labs. All the computers are connected on 1G Network and provide internet facility with 1 GBPS speed through dedicated leased line. PDUCIC has successfully conducted examinations with external agencies for UGC-NET, CSIR-NET, GATE, NEET-PG, JEE-MAIN, KVPY, SBI PO/Clerical, LIC Officer etc. Online application forms for recruitment for various teaching and non teaching jobs are also invited through PDUCIC. It had also conducted an examination and interview for the staff recruitment of Gurugram Metropolitan Development Authority (GMDA), Gurugram.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
5421	1775

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded
Upload the data template	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1054.39

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The University has elaborate mechanism and system for overseeing the maintenance of buildings, class-rooms and laboratories. The repair/maintenance/renovation/addition & alteration work of residential/non-residential buildings including the Horticulture/ landscaping works are looked after by the University Works Department headed by Superintending Engineer and supported by team of other officers and technical staff. There are separate specialized divisions headedby concerned Executive Engineers and supported by Sub-Divisional Engineers/Junior Engineers and other technical staff for creation and maintenance of utilities like electricity, civil works, health and sanitation, telephones, water works, sewerage systems etc. Our University is exempted from ?0' Amp. L.R. (load restriction), which in common parlance is known as ?HOT LINE'. University has executed various annual maintenance contracts for maintenance of various types of services and equipments. The University infrastructure stands well recognised for its ambience and maintenance by way of awards and appreciation by the external world as well. Recently, Ch. Ranbir Singh auditorium of the University has been conferred a medal and a certificate by Construction Industries Development Corporation (a statue body of planning Commission of India) under ?Best construction Projects? category along with 14 projects concerning all over the country in the field of buildings, railways, bridges, highways etc. Similarly, the University also received two awards for its green campus. The awards are titled as Green Campus of the Year by World Management Congress in December, 2009

File Description	Documents
Upload relevant supporting document	<u>View File</u>

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

988

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

751

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene)

Awareness of trends in technology

Α.	ALL	OI	tne	above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for

• All of the above

submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

113

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

5.2.2 - Total number of placement of outgoing students during the year

338

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

208

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3 - Student Participation and Activities

Page 43/107 24-10-2024 10:20:15

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The University has created conducive ecosystem for active participation, effective representation and continuous engagement of students in administrative, academic, co-curricular and extracurricular activities. They work in tandem with University functionaries in managing different activities held round the year. This helps students in gaining leadership qualities, understand rules and regulations and develop execution skills. At GJUST students have active representation in various administrative bodies and committees of the University such as Cultural Council, Internal Complaints Committee (ICC), University level and Departmental level Anti Eve-teasing Committee, Anti Ragging Committee, Mountaineering and Adventure Club, Hostel Management Committee, Hostel Mess Committee, etc. The designated cells in the University, namely, NSS, NCC, Swachh Bharat Swasth Bharat and Training & Placement Cell choose students' representatives in the beginning of session to provide them a leadership role in managing the activities of these cells and to mobilize students for active participation in these activities. Training and Placement Cell of the University has numerous clubs and umbrella of committees at departmental and class level where students actively participate to achieve the ultimate goal of getting placed or becoming an entrepreneur. Students actively get involved in organisation of activities of Speakathon Club, GJUS&T Coders Group, Group for GWOAT, UDBHAVANA, Entrepreneurship Club, Alumni Relations Committee, Placement Brochure Committee, Industry Interaction Program, T&P News Letter and Website etc

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

Guru Jambheshwar University of Science and Technologyhas a long tradition of pursuing excellence in teaching and research with focus on new frontiers of technology, pharmacy, environmental studies, non-conventional energy sources and management studies. The University has decided to create a Department of Alumni Relations so as to cherish long-lasting and meaningful with its former students for mutual pride and enrichment. The major objectives of the Department are to:

- Establish a link with the GJUS&T alumni and enrol them as members of Guru Jambheshwar University Alumni Association (GJUAA);
- Provide an interactive platform to students and alumni by organizing alumni meet;
- Establish liaison between University Alumni Association and other similar associations in the country and abroad;
- Undertake activities that help the current students in grooming for and availing better placement opportunities;
- Raise various endowment funds, and award stipends out of it to the deserving students on need-cum-merit basis;
- Institute and disburse scholarships, fellowships, medals, awards, etc. to the meritorious students of the university out of the corpus of the Association;
- Seek donations from alumni and potential donors for promoting various righteous activities of the Association;
- Suggest ways and means for the participation of the alumni in the working of the University;
- Honour distinguished alumni who have brought national/global acclaim in their respective domains;

Please do allow us to welcome you as a distinguished member of the

GJUSTAA by returning the Membership Form, duly completed, with your photograph and valued remittance.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.4.2 - Alumni contribution during the year A. ? 5Lakhs (INR in Lakhs)

File Description	Documents
Upload relevant supporting document	<u>View File</u>

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University Vision: To develop the University as a Centre of Excellence for the quality teaching, research and extension services to produce the dynamic and the knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society. Mission: The University aspires to be a globally recognized Centre of Excellence in the field of technical education and research. It strives to achieve this by introducing innovative job oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional, ethical, social and environmental issues. Since its inception in 1995, the University was envisioned as an institution, primarily dedicated to the teaching and learning in the field of Science and Technology. Marching ahead on the path of progress with the strategic plan, the University envisages assuming the status of a leading 'transformative learning community' by maintaining highest standards of transparency, accountability and efficiency.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The University has a well laid practice of decentralization and participative management. Different committees, boards, councils, forums and cells are constituted viz., Staff Council, Departmental research committee, Board of Studies and Research (BoSR), Faculty, Academic Council, Executive Council, University Court, Finance Committee, etc. The roles and responsibilities of office bearers and authorities and the structure of such organizational units have been defined. The members of various organizational units are nominated from different disciplines on the basis of individual interests, preferences and competencies observed. Students are also nominated to the departmental and University level units to contribute and participate in the discussions related to various academic and administrative issues and matters. The necessary actions to be taken are deliberated further. Planned and scheduled working, coordinated discussions, agenda based discussions, recording resolutions, entrusting responsibility and follow up with actions to be taken etc., are practiced in the organizational units. Every member is free to express views and opinions within the laid boundary line. However, the decision of the chairperson of the organizational unit remains final. A case study showcasing the practice of decentralization and participative management in GJUST is discussed below. To ensure the realization of vision and mission of the University, the design and development process of curriculum is initiated with need analysis that takes into consideration the stated customer needs, implied needs, overall goals of the University and statutory requirements of bodies like AICTE, PCI, UGC, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

As enshrined in its vision and mission, the University has discerned its quest for excellence in all its activities and pursuits. The University has taken a number of steps to promote

quality technical education and strives to open up new vistas in the relevant areas. The University is continuously exploring the new vistas of knowledge, amalgam of science, technology and management. An activity related to this aspect successfully implemented in the University is described as follows: Fusion of Technology and Governance: For the purpose of promoting use of technologies, teaching computer education has been made as part of syllabi in every academic program. The campus wide networking has been provided in the whole University to facilitate the use of Internet. The computer facilities in the departments for faculty and students are available round the clock. Latest lab equipments for teaching and research have been put in place. Various workshops and training program for students, lab staffs and faculty members on the use of new technologies are held frequently. Further, the University has taken a number of initiatives to promote e-governance to enhance existing administrative efficiencies, drive down communication costs and increase transparency in the functioning of various departments. These initiatives include computerization of accounting and examination systems, provision of library e-services establishment besides upgradation of PDUCIC. The payrolls, electricity bills, provident fund, tax deducted at source are fully automated and mandated through University designed software.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The University has been established by an Act of the Haryana State Legislature. The Governor of the State is Chancellor and Head of the University. The Vice-Chancellor is appointed by the Chancellor on the recommendations of the Government for a term of three years in accordance with the procedure defined in the Act. The Act provides for the following authorities of the University: 1. The Court 2. The Executive Council 3. The Academic Council4. The Finance Committee 5. The Faculties 6. The Planning Board The teaching departments have adequate academic, administrative and financial autonomy and the Chairpersons are appointed on rotation basis as per the provisions of the University Act. The following are the authorities of the University: i) The Court The Court reviews the broad policies and programs of the University and suggests measures for the improvement and development of the University. It considers and passes resolution on the annual

report, annual budget and the annual accounts of the University and on the audit report of such accounts, etc. ii) The Executive Council The Executive Council is the principal executive body of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

A. All of the above

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institution has a well defined system performance appraisal system, promotional avenues and effective welfare measures for teaching and Nonteaching of the University. The rule of law prevails in the performance system and provisions of the Act, Statues and Ordinances are strictly followed. The employee satisfaction level is high and legal disputes are almost negligible. The cases of carrier advancement are taken up timely and every eligible employee has got promotion on time. The University teachers are granted sabbatical leaves, duty leaves, academic leaves. Financial support is also granted to teachers to attend National and International Seminars and workshops. There is a system of Self Appraisal Report (SAR) for teaching staff the SAR proforma has been devised on the basis of specimen proforma developed by the University and is filled by every year by a teacher at the end of each academic year. For the Non-teaching employees Annual Confidential Report (ACRs) is sought by the Establishment Branch through the Branch officer/

Chairperson of the Department. For nonteaching staff in addition to compulsory computer training various types of short term skill up-gradation programmes and lectures are arranged frequently. Only recently all Lab-Attendant-cum-Cleaners and Lab Technicians have undergone departmental training. The welfare schemes like provident fund, pension, gratuity, medical facilities, maternity leaves, child care leave are provided as per the State Government rules etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

55

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The University has a well-defined organization for financial management and resource mobilization. The annual budget for every year is prepared and approved by the Finance Committee, the Executive Council and the University Court. The budget is prepared after taking into consideration the demands for financial grants from various departments and offices and development projects. The sources of income of the University are as follows:

- 1. Grant-in-aid from the Haryana State Government
- 2. Grant from UGC and Other State & Central Funding Agencies.
- 3. Income from Distance Education Programmes.
- 4.Internal income including fees and fines from Courses under State Plan and Self-Financing Courses
- 5. Deposits and Remittances.
- 6. Endowment Trust Funds.

The finances of the University are professionally managed. The funds are invested on the recommendations of the Finance Committee. The Finance Committee examines the accounts and scrutinizes the proposals for expenditure and submits the annual budget to the Executive Council for approval. To minimize the requirement of funds from the government the University makes an attempt to mobilize the funds from the different sources UGC, AICTE, DST, DBT, World Bank, BARC, DEC, etc. In addition to the generation of the funds from internal resources in the form of fees from self-financing courses and distance education programmes, the University has a commercialization policy to rent out auditorium for private and public functions by outsider institutions/organizations, and renting the shops.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.4.2 - Funds / Grants received from government bodies during the year for development and

maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

A well defined system of financial management is also in force. The University budget with allocation of funds to all departments, branch offices and other priority areas is prepared and approved well before the start of new financial year. After in house discussions, the budget is placed before Finance Committee, Executive Council and University Court for the final approvals. All budget allocations are subject to financial sanction before incurring expenditure and internal/external Audit before releasing payments. The University has its own perspective plan for academic development and all relevant aspects that are considered essential in the development of policies and strategies, which mainly include: vision and mission, teaching and learning, research and development, community engagement, human resource planning and development, industry interaction and internationalization of academics. There is a system of internal audit, pre-audit by the auditors of the State Government followed by annual post-audit by the Accountant General of Haryana. The finances of the University are professionally managed as the University has hired Chartered Accountant firm for advising on annual balance sheet and income expenditure statement. The Accounts Branch is fully computerized and records are transparent. Whenever, there are some objections, audit requisitions and audit paras, the required explanation is timely given by the respective DDOs and as such all pending issues

are resolved in time as per laid procedures and there has been no case of financial embezzlement in the history of the University till date.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5 - Internal Quality Assurance System

- 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals
- 1. 'A+' Grade NAAC Accredited University 2. Ranked 47th in 'State Government University' Category in NIRF- India Rankings 2024 3. Ranked 55th in 'Pharmacy' Category in NIRF- India Rankings 2024 4. Rank Band 101-125 in the 'Management' Category in NIRF- India Rankings 2024 5. Rank Band 101-150 in the 'University' Category in NIRF- India Rankings 2024 6. 810-1000 Rank in 'Engineering' subject category in the Times Higher Education World University Rankings 2024 and 43rd position in the Country. 7. Rank Band 401-500 in the world in the 'Young University Rankings' by the Times Higher Education World University Rankings 2024 and 41st place in India. 8. Rank Band 501-600 in the world in the 'Asia University Rankings' by the Times Higher Education World University Rankings 2024 and 71st place in India.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting documnent	No File Uploaded

- 6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)
- 1. 'A+' Grade NAAC Accredited University 2. Ranked 47th in 'State Government University' Category in NIRF- India Rankings 2024 3. Ranked 55th in 'Pharmacy' Category in NIRF- India Rankings 2024 4. Rank Band 101-125 in the 'Management' Category in NIRF- India Rankings 2024 5. Rank Band 101-150 in the 'University' Category in NIRF- India Rankings 2024 6. 810-1000 Rank in 'Engineering' subject category in the Times Higher Education World University Rankings 2024 and 43rd position in the Country. 7. Rank Band 401-500 in the world in the 'Young University Rankings' by the Times Higher Education World University Rankings 2024 and 41st place in India. 8. Rank Band 501-600 in the world in the 'Asia University Rankings' by the Times Higher Education World University Rankings 2024 and 71st place in India.9. 1201-1500 Rank-Band in the Times Higher Education World University Rankings 2024 and 63rd place in India 10. Rank 1001+ Band in the 'Physical Science' subject category Rankings in the Times Higher Education World University Rankings 2024 and 52nd place in India.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity and sensitization are the most important requirements for the growth and progress of any nation. As women bring different skills and perspectives to the workplace, hence it becomes imperative for any great institution to cater to the demand of women. GJUST, being a strong supporter of gender sensitization has always marched ahead as inclusive workplace. Since the University started its journey in 1995, it has seen large gains for women in the University. At present key positions of the University like DSW and Chief Warden (girls) are headed by women and many woman professors are at helm of affairs in the

capacity of Dean of various faculties. There is fair representation of both the genders in the University Court, Executive Council and Academic Council.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	https://www.gjust.ac.in/Page/Index 4s?id=3 50&pid=646∣=652&departmentId=&catId=
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://www.gjust.ac.in/Page/Index 4s?id=3 50&pid=646∣=652&departmentId=&catId=

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The first step of solid waste management is to segregate biodegradable, non-biodegradable and domestic hazards waste. A sewage treatment plant of capacity 2.5 MLD has been installed and commissioned. The domestic waste is collected from the residential houses and waste is also collected from different buildings of the University by the University waste-picker vehicle. All the biodegradable waste is converted into compost by using vermicomposting. Segregation of the waste is done at the time of collection. The university has a rate contract with a company (Synergy Waste Management) for picking up bio-medical waste and

residual from University Health Centre and Animal House Faculty in the Department of Pharmaceutical Sciences of the University. In order to achieve, Carbon Neutrality greenhouse gases emissions have been reduced to restrict personnel transportation and promote ecofriendly conveyance in the campus. University collects solid waste to reduce greenhouse gases emission. The University has about 23,000 trees in the campus. Also green land is used for carbon sequestration. About 125 big trees (more than 50 years old) have been transplanted in campus. University is making efforts for Hazardous Waste Management by implementing improved irrigation system, waste water treatment and use of treated waste water for lawn irrigation. For this purpose, a well-designed irrigation system has been in place.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.4 - Water conservation facilities available A. Any 4 or all of the above in the Institution: Rain water harvesting
Bore well /Open well recharge Construction of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution system in the campus

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- A. Any 4 or All of the above
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

- 7.1.6 Quality audits on environment and energy are regularly undertaken by the institution
- 7.1.6.1 The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
- A. Any 4 or all of the above

- 1. Green audit
- 2. Energy audit
- 3. Environment audit
- 4. Clean and green campus recognitions/awards
- **5.** Beyond the campus environmental promotional activities

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

An inclusive environment indicates a climate of trust, belongingness, respect, equity and where acknowledgement of differences is cultivated, and the social and institutional response to disability poses no barrier in the growth of everyone at a workplace. In this regard the GJUSTcan safely be termed as inclusive workplace. The University pay close attention on hiring

and assessing talent at each step. The university has maintained diversity in the selection of teaching and non-teaching staff and all the selections are made as per the Government guidelines. The university also ensures that there is fair representation of employees/staff from neighbouring states. Similarly, there is diversity in the student's makeup in the university to ensure geographic and socio-economic diversity (prospectus link) as per government guidelines which includes seats for All India Category, Bonafide residents of Haryana, Economically Weaker Sections (EWSs), Scheduled Castes, Backward Classes, Differently-abled Persons/ Ex-Serviceman and their wards and the dependents of Freedom Fighters. One supernumerary seat is reserved for northeastern candidates/ Ward of deceased of COVID-19, wards of Kashmiri Migrants and few seats are reserved for Foreign Nationals in each programme. Along with this university also provides various scholarships to the students so that they can pursue their education (https://www.gjust.ac.in/facility/scst.html)

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Fundamental rights bestowed to the Indian citizens and Fundamental Duties are an essential part of the Constitution. The rights protect the liberties and freedom of the citizens against any invasion whereas the duties are defined as the moral obligations of all citizens to help promote a spirit of patriotism and to uphold the unity of India. The university incessantly sensitize its students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens through various activities. The university has displayed the fundamental rights and duties at many places. Moreover, university also celebrates Constitution Day (National Law Day), also known as Samvidhan Divas on 26 November every year to spread the importance of the Constitution of India.

7.1.10 - The Institution has a prescribed code All of the above of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes

professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

National festivals play an important role in planting the seed of nationalism and patriotism among the people of any nation. To honor the sacrifices of our great leaders and freedom fighters who laid down their lives in the foundation of this country, the university celebrates national and international days, events and festivals every year. GJUST in its journey organises these events to instill a sense of community. Independence Day, Republic Day is celebrated every year in the university with great enthusiasm. The Parade, various competitions and cultural program enthralls the audience. The university celebrates National Youth Day on 12th January to honor the birth anniversary of Swami Vivekananda. National Science Day is celebrated on 28th February every year to commemorate the discovery of Raman effect by Indian Scientist Sir CV Raman by organizing events like quiz, poster making, slogan writing competition, essay writing etc. The directorate of youth welfare of the university rejoiced "Hindi Diwas" on 14th September to celebrate Hindi language to promote linguistic and cultural diversity and multilingualism. Being a technical University, National Technology Day is celebrated also on 11th May regularly. The University celebrates International Yoga Day on 21st June with the aim to recognize the benefits of the ancient Indian practice of yoga with the participation of its employees and students.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The curriculum design/development and its relevance to the local/national/global academic and industrial needs is of utmost importance for the teaching learning process of this institution. Hence, curricula planning, designing and its development is under continuous systematic process at the University. The idea of launching a new Programme is conceived at the level of the concerned department through Staff Council meetings followed by a feasibility study after consulting various stake-holders such as students, alumni, faculty, industry experts, and academic quality regulatory bodies such as, UGC/AICTE/PCI. The curriculum proposed by the Staff Council is placed before Board of Studies and Research (BoSR) for further deliberations in the presence of two domain experts and a professional from the industry. BoSR recommends the syllabus to the concerned faculty and finally passed in the Academic Council Any shortcoming/suggestions in the curriculum are referred back to the lower academic bodies for further improvement. The University updates the curricula of the various programmes in view of the national/international developments and demand of the industry. Some of the salient features of the curricula of the various programmes run by the University are listed below: The curricula is in line with the requirement of various national academic quality monitoring and accreditation bodies such as AICTE, UGC , PCI, HSCP, etc. which allows students wider choices from intra-disciplinary (Core and Elective), inter-disciplinary (Open Electives).

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

10

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

1221

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

155

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3 - Curriculum Enrichment

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

The curricula for various programmes of the University cover a wide range of courses for the holistic development of students. The curricula include courses on environmental sustainability, universal human values and professional ethics, managerial skills, computer applications, etc., for providing students a 360-degree exposure for cross-cutting issues of professional and societal significance. Environment sustainability is an issue of global prominence. Hence, a course on Environment Science/Sustainability is mandatory for all the UG programmes. The course on Environment Science, provide an understanding of our ecosystem, biodiversity, and natural resources. It makes students aware of the depleting natural resources, their cost and implications so that they appreciate and adhere to the relationship between environmental sustainability and flourishing life on earth. The University has organized workshops on gender sensitization. These workshops have provided an essential input to identify the gender gaps, analyse the reasons for gender-specific violence in society, develop an egalitarian perspective on the socialisation of men and women, and learn how to overcome gender discrimination. The University imparts courses on Universal Human Values and Professional Ethics, Personality Development, and Stress Management through Yoga enable students to deal with professional, spiritual, and psychological aspects of life calmly and in a peaceful and composed manner.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

223

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

7401

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

1284

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

• All 4 of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

1.4.2 - Feedback processes of the institution may be classified as follows

• Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

2589

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

923

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

The students are recognized as advanced and slow learners through continuous evaluation process (sessional exams/quiz/surprise tests/open book tests/business games etc.) and also based on the performance of the students after conducting comprehensive exams. The advanced learners are encouraged to participate in peer-learning and peer- evaluated activities to lay a foundation for self-learning. Faculty provides preparation material in advance to encourage interactive and enquiry method of learning. Faculty shares the content for the upcoming class and conduct a quiz to enhance classroom inter activity and involvement. The following Active Learning Methods (ALMs) are employed depending on their suitability to the course: 1. Activity based learning 2. Modelling tasks 3. Technical debates 4. Brain storming Remedial classwork / bridge courses are conducted. After every internal summative test, as per the need, ALMs are recommended for slow learners. General improvement initiatives are adopted to facilitate advanced learners and slow learners. Slow learners are counseled and corrective measures are taken in terms of the following: 1. Through tutorials. 2. The students are counselled by the concerned mentors3.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link For Additional Information	https://www.gjust.ac.in/Home/Index_360#ma in-nav

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
5557	351

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

While planning the curriculum at GJUST, student-centric methods and principles of learning (Participative learning, experiential Learning and Problem Solving Methodologies) modes are given due weightage. Participatory Learning: At GJUST, Active Learning Methods (ALMs) like Group Discussions, Workshops, Assignments, etc., help students to acquire knowledge through participation. These student-centric methods take into account the short attention span of the students. Every Programme has incorporated participative techniques which make the student to actively interact with faculty. Experiential Learning: The students undertake lab work after completion of the relevant concepts in the classroom. The system employs varioustechniques like simulations, demonstrations, case studies, hands on training etc. To evaluate students for whom participatory and experiential learning styles are the means to attain course-outcomes, a few components with major project, minor project, the term paper, internship and practice school are used. Problem Solving Methodologies: Enhancing the problem-solving skills is attained by tutorial components/case study based learning for majority of the core courses. The tutorial sessions provide an opportunity for the students for a one-on-one interaction with the faculty and come up with better solutions for the problems.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The systematic use of ICT tools in classroom instruction makes the teaching learning process more effective and highly interactive. It has shifted the teaching -learning process from teacher - centered learning to student centered learning. At GJUST 100% teachers are using various soft wares and eresources for conducting classes, labs, library resources. Power point presentations are very popularly used for delivering lectures. Different meeting Apps are also used for conducting online classes and meetings like Zoom meeting App and Google meeting App. Soft wares which are purchased and used by teaching departments of our University are SPSS, e-Views, AMOS, NVIVO, Smart PLS, STATA IC (HSB); MATLAB-25 Users, Words Worth Language Lab-40 Users, Zoom-20 Users (Each user capacity 300 participants) (UCIC); KOHA for Library Management (AMC), Turnitin-Anti Plagiarism Software, 18200 NTPEL structured Video Lectures over LAN, 34 TV Channels under SWAYAM Prabha Program, Member of Digital Library of India Club, 8000+ eJournals, About 3 Lacs purchased/ subscribed e-books and 5 Databases (University Library). Further, other softwares including iGEMDOCK, discovery studio visualizer and Chimera X, molinspiration, Gaussian 09W program, Marvin Sketch 5.10, QSARINS v2.0, SAINT- PLUS, SADABS program, SHELXL97, WinGx suit of programs (Ver- sion 1.63.04a), OriginPro 8.5.0 SR1 and excel, MestReNova-6.0.2-5475-Win-Setup, Image J software, ICDD Powder Diffraction File-2, Origin Pro 16, VASP, WIEN-2K, Crystal Maker X, Fortran 95, Jitsi, Kahoot, MOPAC, Firefly, Libre office, Xilinx Vivado, MP Lab software are used for the teaching, learning as well as research activities.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

351

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

351

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year

170

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

2308

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

2.5 - Evaluation Process and Reforms

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

71

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

71

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

1

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

The examination system of the University is automated for speeding up the functioning of the whole process of examination and making more transparent & efficient. For this purpose separate link is provided to the University Teaching Departments and Affiliated Colleges for submitting online admission forms, examination forms, fee payment etc. The following steps are taken by the University for the purpose of Examination Reforms: Pre-examination: The examination forms are filled by the students online on the portal given by the University to the University Teaching Departments as well as

affiliated Degree Colleges for regular students and separate portal has been provided to re-appear students. On the basis of data received online in respect of subjects opted by the students, papers IDs are prepared by the Secrecy Branch for setting Question Papers and date sheet for each course by the Conduct Branch for conducting offline/online examinations.Post examination: Internal assessment awards are taken online from the teachers alongwith print of those awards duly signed by him/ her. Similarly Practical External awards are also taken online. The Answer Sheet has three parts i.e. A, B, and C having four bar codes for maintaining confidentiality. Published results are also available on University Website

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

The University has adopted Outcome Based Education (OBE) framework in the light of NEP 2020. It has defined Programme Educational Objectives (PEOs), Programme Outcomes (POs), and Course Outcomes (COs) for all the programmes. The vision, mission of the University and Departments, PEOs, POs and COs of various programmes are aligned in a hierarchical manner. Each programme have generic and Programme Specific Outcomes (PSOs). For instance, we have defined 3-4 PEOs, adopted the 12 POs articulated by National Board of Accreditation for B.Tech. Programmes.Each Engineering programme has defined 2-3 Programme Specific Outcomes (PSOs) pertaining to the discipline specific courses. The PEOs, POs, COs have also been worked out for PG

courses in accordance with bloom taxonomy. We have defined 4-6 Course Outcomes (COs) for each of the courses including theory, laboratory courses, seminars, internships and project work of a programme using the revised Bloom's taxonomy. The COs are formulated at Low Order Thinking Skills (LOTS) (Remember, Understand, Apply) and High Order Thinking Skills (HOTS) (Analyse, Evaluate, Create) levels. The HOTS level COs give opportunity to students to analyse, synthesise and create knowledge. The articulation matrices (relationship mapping between COs to POs and PSOs) are well defined for each of the courses. The attainment levels of COs are measured through assignments, quizzes, minor and end-semester examinations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

Every department has devised methodologies through their staff councils, Board of Studies and Research (BoSR) and Faculty meetings to compute the attainment levels of COs, POs and PSOs. A generalised framework for evaluating the attainment of COs and POs follow here. The COs are computed through direct and indirect methods. Direct components comes from computing attainment levels of COs through internal assessment which mainly includes assignments and sessional examinations. All the sessional examinations and assignments (Theory as well as lab courses) together cover-up all the COs. The assignments and sessional examinations are evaluated CO-wise and attainment level of each CO is computed. The indirect component comes from course exit survey which is conducted at the end of the course. In the exit survey, questions are based on achievement of attainment levels at five point scale. Final COs attainment is computed by assigning weightage to the direct component and to the indirect component as per the regulatory bodies like AICTE, UGC, PCI etc. Each course has an articulation matrix. The articulation matrix maps the COs with POs and PSOs at three/four levels. The computation of attainment level of POs and PSOs also involve two components-direct and indirect component.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1755

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

https://www.gjust.ac.in/Page/Index 2 sub?id=1122&pid=623&mid=62 9

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The Centre of Industry Institute Partnership (CIIP) has been established to promote interaction between faculty, students and industry, mainly through consultancy & IPR. The prime objective of the Centre for Industry Institute Partnership (CIIP) is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. The activities planned under this centre will benefit academia in terms of substantial streams of external funding, enhanced opportunities for faculty and students to work on groundbreaking research, vital inputs to keep teaching and learning on the cutting edge of a discipline, and the impact of delivering solutions for pressing global challenges. The core areas under the gambit of CIIP includes Consultancy & IPR. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and

other connected with work, product, ideas and inventions created in connection with the activities of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

16.65

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.3 - Number of teachers receiving national/international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

116

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre Art Gallery

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

5

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

145.76

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.2.3 - Number of research projects per teacher funded by government and nongovernment agencies during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

INNOVATION ECO-SYSTEM AT GJUST, HISAR

Guru Jambheshwar University of Science & Technology, Hisar has set up a conducive eco-system for innovations to flourish with the best infrastructure. The University has Pt. Deendayal Upadhyaya Innovation & Incubation Centre (PDUIIC), which was established in GJUST in 2018 and digitally Inaugurated by the Hon'ble Prime Minister Sh. Narender Modi on 3rd February, 2019 under the scheme of RUSA 2.0.PDUIIC aims to become a hub of Innovative and Startup activities in the state of Haryana and putting sincere efforts in this direction. This center facilitates the dream of prospective Young Innovators from conceiving the idea to technological development by coordinating and promoting Incubation and Innovation driven activities for achieving their goal towards startups in the areas of National concern. Grants have been utilized for construction of building, funding of innovative projects, conducting Internship/training, visiting Industrial trips, organizing different events like Hackathon, workshops, seminars, distributing stipend to young innovators and establishing different labs like IoT and IDEA labs and computing lab etc.

At present, PDUIIC has state of art Building and Lab Infrastructure including Prototyping lab, Mechanical Workspace, IoT Lab, Brainstorming room, Common Workplace and many more for the students to create an Innovation and Incubation eco-system in the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

17

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

17

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

- 3.3.3 Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year
- 3.3.3.1 Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

8

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.4 - Research Publications and Awards

- 3.4.1 The institution ensures implementation of its stated Code of Ethics for research
- 3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following
- A. All of the above
- 1. Inclusion of research ethics in the research methodology course work
- 2. Presence of institutional Ethics committees (Animal, chemical, bioethics etc)
- 3. Plagiarism check
- 4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website

C. Any 2 of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

112

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

1

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

148

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

B. Any 4 of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
464	320

File Description	Documents
Any additional information	<u>View File</u>
Bibliometrics of the publications during the year	<u>View File</u>

Page 77/107 24-10-2024 10:20:16

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
112	98

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<u>View File</u>
Any additional information	<u>View File</u>

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

The Centre of Industry Institute Partnership (CIIP) has been established to promote interaction between faculty, students and industry, mainly through consultancy & IPR. The prime objective of the Centre for Industry Institute Partnership (CIIP) is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis. The activities planned under this centre will benefit academia in terms of substantial streams of external funding, enhanced opportunities for faculty and students to work on groundbreaking research, vital inputs to keep teaching and learning on the cutting edge of a discipline, and the impact of delivering solutions for pressing global challenges. The core areas under the gambit of CIIP includes Consultancy & IPR. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and other connected with work, product, ideas and inventions created in connection with the activities of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

3401557

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

GJUST sensitizes students for social issues and holistic development through extension activities in the neighbourhood community. Students of the University actively participate in various activities like literacy, tree plantation, cleanliness drives and learn to sustainably manage natural resources. These extension activities are carried out under the umbrella of National Service Scheme (N.S.S.), National Cadet Corps(NCC), Swachh Bharat Swasth Bharat Cell (SBSB), Unnat Bharat Abhiyan and etc. The main objectives of these activities are to inculcate the behaviour for selfless services, empathy and selfextension among students. Various activities including First Aid and Home Nursing training, cleanliness drives, blood donation camps, health camps, tree plantation, awareness rallies, nukkad natak, and sports activities are organized in these camps. Further, lectures on road safety, disaster management, etc. are also delivered during the camp. Surveys are also conducted in the villages to know the rural fabric and to know the problems of the villagers for providing amicable solutions. To inculcate nationalism 'Maa Tujhe Salam' and 'Ek Shaam Rashtra Ke Naam' are amongst the major patriotic programs organised annually. GJUST has established "Swachh Bharat Swasth Bharat" centre Under Swachh Bharat Abhiyan.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

3.6.2 - Number of awards received by the Institution, its teachers and students from

Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

30

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

1684

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

3.7 - Collaboration

- 3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year
- 3.7.1.1 Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

Page 80/107

14

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

2

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

GJUST campus has 13 academic blocks, Mechanical Engineering workshop, Dr. APJ Abdul Kalam Central Instrumentation laboratory, Pt. Deendyal Upadhyaya University Computer and Informatics Centre (PDUCIC), Dr. BR Ambedkar Library and Pt. Deendayal Upadhyaya Innovation and Incubation Centre (PDUIIC), Experimental Animal facility with approved animal breeding facility, Language Lab, etc. The University has academic infrastructure facilities that meet the norms of statutory bodies wherever applicable. Some of the teaching blocks have dedicated seminar halls and conference room facilities. GJUST has 123 classrooms/ seminar halls are designed for capacities ranging from 40 to 75 students. The University has 151 student laboratories and 82 laboratories are dedicated to research activities in various teaching departments. All the laboratories are designed to meet the need of the curriculum and are equipped with basic as well as advanced instruments. Dr. APJ Abdul Kalam Central Instrumentation Laboratory is being run in a separate building and having state of art instrument facility including UPLC, LCMS/MS, NMR spectrometer, XRD, Raman spectrometer, FESEM-EDX, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

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

GJUST believes in the holistic development of an individual. Cultural activities are organized in CRS auditorium and in the open air theatre Mayur Rangmanch. The Main Hall of CRS auditorium has a seating capacity of 1800. The auditorium also has crush hall for organizing exhibitions along with three seminar halls with a capacity of 250, 125 and 125 respectively. The University has facilities for both outdoor and indoor games. The University has a Maharana Partap stadium in the sports complex spread over an area of 12 acres for athletics, cricket, football, handball etc. Sports Complex and Facilities: The Sports Complex has one Multipurpose Hall for Indoor games i.e. Badminton, Table-Tennis, Carrom board, Chess, 16 station Multi-Gym, Yoga and Weight lifting, one half cemented Cricket pitch, one ground each for Football, Hand ball, Cricket and Athletic Track of 400 meter. In addition, two cemented Basketball courts, two Volleyball courts; two synthetic Lawn Tennis courts are also there. One cemented Lawn tennis court with practice wall and one Synthetic Badminton Rex Court have recently been constructed. The Sports Equipments/kits are issued to the students as well as to the University employees during tournaments. However, the inclement weather during most part of the year and nature of courses being very demanding form the challenges to cope with for mobilizing more students towards sport activities. To some extent these challenges are withstood by earmarking sports time from 6 A.M. to 9 A.M. and 4 P.M. to 9 P.M.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.3 - Availability of general campus facilities and overall ambience

The University campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately, 275 acres of land have been developed providing with all facilities such as water supply, street

lighting, electricity supply and parks/ lawns etc. The campus has developed various lawns and gardens including Fragrance garden, Hibiscus garden, Hydroponic Garden etc. Further, the University has also developed Dr. Anil Kumar Pundir memorial fruit garden. GJUST has eight Hostels (three for boys, four for girls and one for working women) which can accommodate about 2000 students. All the hostels are fully equipped with modern amenities like electric geysers, music systems, telephone facilities, water coolers fitted with water purifier, insect killers and adequate playgrounds and other recreational facilities like television, chessboards, carrom boards. Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have Internet and Wi-Fi facilities. The girl hostel complex also has a dedicated ATM facility, Cyber Cafe, Stationery shop. The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Hostel accommodation is provided strictly on merit and the hostel residents are governed by the terms and conditions as contained in the University Hostel regulations.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the vear (INR in Lakhs)

603.39

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Dr. Bhim Rao Ambedkar Library, Guru Jambheshwar University of Science & Technology, Hisar is housed in a large three storey circular building and infused with the power of state-of-theart technology. The library has both type repositories in its own database i.e., print repository and e-repository. The library has been using Integrated Library Management System

(ILMS), namely Koha since long. It is an open-source software-OSS. Therefore, it is free of cost. Through this software, the library is doing all transactions like Charging and Discharging (issue & return), Overdue-Fine, Stock Verification, Binding Records, etc. Further the library has given the personal access to all students and through their own credentials they can see the transaction record of their library accounts. Moreover, if any transaction happens in the library accounts of any reader, the software will send a message to concerned reader/s at registered e-mail. Readers can reserve the book/s by using the platform of Koha without visiting the library. Thereby, as and when the reserve book/s arrives in the library, the reader (who reserved the document/s) will get a message from ILMS automatically and can issue accordingly. It is pertinent to mention here that without visiting the library, the readers can check the availability of required study materials through Web-OPAC (access remotely).

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

9054071

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

109430

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

140

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

The Pt. Deendayal Upadhyaya Computer & Informatics Centre (PDUCIC) is established to act as a central facility to meet the computing requirements for all the students, research scholars, staff and faculty of the University. The building consists of six labs with more than 250 desktop computers connected through LAN, one server room with the latest configuration servers, one conference room with a videoconferencing facility to cater to the ICT activities of the University. The Centre hosts the information-centric in-house developed and maintained website www.gjust.ac.in of University for students/stakeholders for the latest information about the University. It also hosts an independent in-house developed and maintained website www.ddegjust.ac.in for Directorate of Distance Education for related latest information. Further, the Centre provides free internet facilities to the University students in its labs. All the computers are connected on 1G Network and provide internet facility with 1 GBPS speed through dedicated leased line. PDUCIC has successfully conducted examinations with external agencies for UGC-NET, CSIR-NET, GATE, NEET-PG, JEE-MAIN, KVPY, SBI PO/Clerical, LIC Officer etc. Online application forms for recruitment for various teaching and non teaching jobs are also invited through PDUCIC. It had also conducted an examination and interview for the staff recruitment of Gurugram Metropolitan Development Authority

(GMDA), Gurugram.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
5421	1775

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

• ?1 GBPS

File Description	Documents
Upload relevant supporting document	<u>View File</u>

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	No File Uploaded
Upload the data template	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

1054.39

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms

etc.

The University has elaborate mechanism and system for overseeing the maintenance of buildings, class-rooms and laboratories. The repair/maintenance/renovation/addition & alteration work of residential/non-residential buildings including the Horticulture/ landscaping works are looked after by the University Works Department headed by Superintending Engineer and supported by team of other officers and technical staff. There are separate specialized divisions headedby concerned Executive Engineers and supported by Sub-Divisional Engineers/Junior Engineers and other technical staff for creation and maintenance of utilities like electricity, civil works, health and sanitation, telephones, water works, sewerage systems etc. Our University is exempted from ?0' Amp. L.R. (load restriction), which in common parlance is known as ?HOT LINE'. University has executed various annual maintenance contracts for maintenance of various types of services and equipments. The University infrastructure stands well recognised for its ambience and maintenance by way of awards and appreciation by the external world as well. Recently, Ch. Ranbir Singh auditorium of the University has been conferred a medal and a certificate by Construction Industries Development Corporation (a statue body of planning Commission of India) under ?Best construction Projects? category along with 14 projects concerning all over the country in the field of buildings, railways, bridges, highways etc. Similarly, the University also received two awards for its green campus. The awards are titled as Green Campus of the Year by World Management Congress in December, 2009

File Description	Documents
Upload relevant supporting document	<u>View File</u>

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

988

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

751

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene)
Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

• All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.2 - Student Progression

- 5.2.1 Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)
- 5.2.1.1 Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

113

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

5.2.2 - Total number of placement of outgoing students during the year

338

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

208

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

9

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

The University has created conducive ecosystem for active participation, effective representation and continuous engagement of students in administrative, academic, cocurricular and extra-curricular activities. They work in tandem with University functionaries in managing different activities held round the year. This helps students in gaining leadership qualities, understand rules and regulations and develop execution skills. At GJUST students have active representation in various administrative bodies and committees of the University such as Cultural Council, Internal Complaints Committee (ICC), University level and Departmental level Anti Eve-teasing Committee, Anti Ragging Committee, Mountaineering and Adventure Club, Hostel Management Committee, Hostel Mess Committee, etc. The designated cells in the University, namely, NSS, NCC, Swachh Bharat Swasth Bharat and Training & Placement Cell choose students' representatives in the beginning of session to provide them a leadership role in managing the activities of these cells and to mobilize students for active participation in these activities. Training and Placement Cell of the University has numerous clubs and umbrella of committees at departmental and class level where students actively participate to achieve the ultimate goal of getting placed or becoming an entrepreneur. Students actively get involved in organisation of activities of Speakathon Club, GJUS&T Coders Group, Group for GWOAT, UDBHAVANA, Entrepreneurship Club, Alumni Relations Committee, Placement Brochure Committee, Industry Interaction Program, T&P News Letter and Website etc

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

15

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

Guru Jambheshwar University of Science and Technologyhas a long tradition of pursuing excellence in teaching and research with focus on new frontiers of technology, pharmacy, environmental studies, non-conventional energy sources and management studies. The University has decided to create a Department of Alumni Relations so as to cherish long-lasting and meaningful with its former students for mutual pride and enrichment. The major objectives of the Department are to:

- Establish a link with the GJUS&T alumni and enrol them as members of Guru Jambheshwar University Alumni Association (GJUAA);
- Provide an interactive platform to students and alumni by organizing alumni meet;
- Establish liaison between University Alumni Association and other similar associations in the country and abroad;
- Undertake activities that help the current students in grooming for and availing better placement opportunities;
- Raise various endowment funds, and award stipends out of it to the deserving students on need-cum-merit basis;
- Institute and disburse scholarships, fellowships, medals, awards, etc. to the meritorious students of the university out of the corpus of the Association;
- Seek donations from alumni and potential donors for promoting various righteous activities of the Association;
- Suggest ways and means for the participation of the alumni in the working of the University;
- Honour distinguished alumni who have brought national/global acclaim in their respective domains;

Please do allow us to welcome you as a distinguished member of the GJUSTAA by returning the Membership Form, duly completed, with your photograph and valued remittance.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A	•	?	5:	La	k]	hs

File Description	Documents
Upload relevant supporting document	<u>View File</u>

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the University Vision: To develop the University as a Centre of Excellence for the quality teaching, research and extension services to produce the dynamic and the knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society. Mission: The University aspires to be a globally recognized Centre of Excellence in the field of technical education and research. It strives to achieve this by introducing innovative job oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional, ethical, social and environmental issues. Since its inception in 1995, the University was envisioned as an institution, primarily dedicated to the teaching and learning in the field of Science and Technology. Marching ahead on the path of progress with the strategic plan, the University envisages assuming the status of a leading 'transformative learning community' by maintaining highest standards of transparency, accountability and efficiency.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The University has a well laid practice of decentralization and participative management. Different committees, boards, councils, forums and cells are constituted viz., Staff Council, Departmental research committee, Board of Studies and Research (BoSR), Faculty, Academic Council, Executive Council, University Court, Finance Committee, etc. The roles and responsibilities of office bearers and authorities and the structure of such organizational units have been defined. The members of various organizational units are nominated from different disciplines on the basis of individual interests, preferences and competencies observed. Students are also nominated to the departmental and University level units to contribute and participate in the discussions related to various academic and administrative issues and matters. The necessary actions to be taken are deliberated further. Planned and scheduled working, coordinated discussions, agenda based discussions, recording resolutions, entrusting responsibility and follow up with actions to be taken etc., are practiced in the organizational units. Every member is free to express views and opinions within the laid boundary line. However, the decision of the chairperson of the organizational unit remains final. A case study showcasing the practice of decentralization and participative management in GJUST is discussed below. To ensure the realization of vision and mission of the University, the design and development process of curriculum is initiated with need analysis that takes into consideration the stated customer needs, implied needs, overall goals of the University and statutory requirements of bodies like AICTE, PCI, UGC, etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

As enshrined in its vision and mission, the University has discerned its quest for excellence in all its activities and

pursuits. The University has taken a number of steps to promote quality technical education and strives to open up new vistas in the relevant areas. The University is continuously exploring the new vistas of knowledge, amalgam of science, technology and management. An activity related to this aspect successfully implemented in the University is described as follows: Fusion of Technology and Governance: For the purpose of promoting use of technologies, teaching computer education has been made as part of syllabi in every academic program. The campus wide networking has been provided in the whole University to facilitate the use of Internet. The computer facilities in the departments for faculty and students are available round the clock. Latest lab equipments for teaching and research have been put in place. Various workshops and training program for students, lab staffs and faculty members on the use of new technologies are held frequently. Further, the University has taken a number of initiatives to promote e-governance to enhance existing administrative efficiencies, drive down communication costs and increase transparency in the functioning of various departments. These initiatives include computerization of accounting and examination systems, provision of library e-services establishment besides upgradation of PDUCIC. The payrolls, electricity bills, provident fund, tax deducted at source are fully automated and mandated through University designed software.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The University has been established by an Act of the Haryana State Legislature. The Governor of the State is Chancellor and Head of the University. The Vice-Chancellor is appointed by the Chancellor on the recommendations of the Government for a term of three years in accordance with the procedure defined in the Act. The Act provides for the following authorities of the University: 1. The Court 2. The Executive Council 3. The Academic Council 4. The Finance Committee 5. The Faculties 6. The Planning Board The teaching departments have adequate academic, administrative and financial autonomy and the Chairpersons are appointed on rotation basis as per the provisions of the University Act. The following are the authorities of the University: i) The Court The Court reviews

the broad policies and programs of the University and suggests measures for the improvement and development of the University. It considers and passes resolution on the annual report, annual budget and the annual accounts of the University and on the audit report of such accounts, etc. ii) The Executive Council The Executive Council is the principal executive body of the University.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

A. All of the above

- 1. Administration
- 2. Finance and Accounts
- 3. Student Admission and Support
- 4. Examination

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

The institution has a well defined system performance appraisal system, promotional avenues and effective welfare measures for teaching and Nonteaching of the University. The rule of law prevails in the performance system and provisions of the Act, Statues and Ordinances are strictly followed. The employee satisfaction level is high and legal disputes are almost negligible. The cases of carrier advancement are taken up timely and every eligible employee has got promotion on time. The University teachers are granted sabbatical leaves, duty leaves, academic leaves. Financial support is also granted to teachers to attend National and International Seminars and workshops. There is a system of Self Appraisal Report (SAR) for teaching staff the SAR proforma has been devised on the basis of specimen proforma developed by the University and is filled

by every year by a teacher at the end of each academic year. For the Non-teaching employees Annual Confidential Report (ACRs) is sought by the Establishment Branch through the Branch officer/ Chairperson of the Department. For nonteaching staff in addition to compulsory computer training various types of short term skill up-gradation programmes and lectures are arranged frequently. Only recently all Lab-Attendant-cum-Cleaners and Lab Technicians have undergone departmental training. The welfare schemes like provident fund, pension, gratuity, medical facilities, maternity leaves, child care leave are provided as per the State Government rules etc.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

7

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

55

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The University has a well-defined organization for financial management and resource mobilization. The annual budget for every year is prepared and approved by the Finance Committee, the Executive Council and the University Court. The budget is prepared after taking into consideration the demands for financial grants from various departments and offices and development projects. The sources of income of the University are as follows:

- 1. Grant-in-aid from the Haryana State Government
- 2. Grant from UGC and Other State & Central Funding Agencies.
- 3. Income from Distance Education Programmes.
- 4.Internal income including fees and fines from Courses under State Plan and Self-Financing Courses
- 5. Deposits and Remittances.
- 6. Endowment Trust Funds.

The finances of the University are professionally managed. The funds are invested on the recommendations of the Finance Committee. The Finance Committee examines the accounts and scrutinizes the proposals for expenditure and submits the annual budget to the Executive Council for approval. To minimize the requirement of funds from the government the University makes an attempt to mobilize the funds from the different sources UGC, AICTE, DST, DBT, World Bank, BARC, DEC, etc. In addition to the generation of the funds from internal resources in the form of fees from self-financing courses and distance education programmes, the University has a commercialization policy to rent out auditorium for private and public functions by outsider institutions/organizations, and renting the shops.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	<u>View File</u>

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

0

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting document	No File Uploaded

6.4.4 - Institution conducts internal and external financial audits regularly

A well defined system of financial management is also in force. The University budget with allocation of funds to all departments, branch offices and other priority areas is prepared and approved well before the start of new financial year. After in house discussions, the budget is placed before Finance Committee, Executive Council and University Court for the final approvals. All budget allocations are subject to financial sanction before incurring expenditure and internal/external Audit before releasing payments. The University has its own perspective plan for academic development and all relevant aspects that are considered essential in the development of policies and strategies, which mainly include: vision and mission, teaching and learning, research and development, community engagement, human resource planning and development, industry interaction and internationalization of academics. There is a system of

internal audit, pre-audit by the auditors of the State Government followed by annual post-audit by the Accountant General of Haryana. The finances of the University are professionally managed as the University has hired Chartered Accountant firm for advising on annual balance sheet and income expenditure statement. The Accounts Branch is fully computerized and records are transparent. Whenever, there are some objections, audit requisitions and audit paras, the required explanation is timely given by the respective DDOs and as such all pending issues are resolved in time as per laid procedures and there has been no case of financial embezzlement in the history of the University till date.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5 - Internal Quality Assurance System

- 6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals
- 1. 'A+' Grade NAAC Accredited University 2. Ranked 47th in 'State Government University' Category in NIRF- India Rankings 2024 3. Ranked 55th in 'Pharmacy' Category in NIRF- India Rankings 2024 4. Rank Band 101-125 in the 'Management' Category in NIRF- India Rankings 2024 5. Rank Band 101-150 in the 'University' Category in NIRF- India Rankings 2024 6. 810-1000 Rank in 'Engineering' subject category in the Times Higher Education World University Rankings 2024 and 43rd position in the Country. 7. Rank Band 401-500 in the world in the 'Young University Rankings' by the Times Higher Education World University Rankings 2024 and 41st place in India. 8. Rank Band 501-600 in the world in the 'Asia University Rankings' by the Times Higher Education World University Rankings 2024 and 71st place in India.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up

A. Any 5 or all of the above

action taken Confernces, Seminars,
Workshops on quality conducted
Collaborative quality initiatives with
other institution(s) Orientation programme
on quality issues for teachers and studens
Participation in NIRF Any other quality
audit recognized by state, national or
international agencies (ISO Certification,
NBA)

File Description	Documents
Upload the data template	<u>View File</u>
Upload relevant supporting documnent	No File Uploaded

- 6.5.3 Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)
- 1. 'A+' Grade NAAC Accredited University 2. Ranked 47th in 'State Government University' Category in NIRF- India Rankings 2024 3. Ranked 55th in 'Pharmacy' Category in NIRF- India Rankings 2024 4. Rank Band 101-125 in the 'Management' Category in NIRF- India Rankings 2024 5. Rank Band 101-150 in the 'University' Category in NIRF- India Rankings 2024 6. 810-1000 Rank in 'Engineering' subject category in the Times Higher Education World University Rankings 2024 and 43rd position in the Country. 7. Rank Band 401-500 in the world in the 'Young University Rankings' by the Times Higher Education World University Rankings 2024 and 41st place in India. 8. Rank Band 501-600 in the world in the 'Asia University Rankings' by the Times Higher Education World University Rankings 2024 and 71st place in India.9. 1201-1500 Rank-Band in the Times Higher Education World University Rankings 2024 and 63rd place in India 10. Rank 1001+ Band in the 'Physical Science' subject category Rankings in the Times Higher Education World University Rankings 2024 and 52nd place in India.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Gender equity and sensitization are the most important requirements for the growth and progress of any nation. As women bring different skills and perspectives to the workplace, hence it becomes imperative for any great institution to cater to the demand of women. GJUST, being a strong supporter of gender sensitization has always marched ahead as inclusive workplace. Since the University started its journey in 1995, it has seen large gains for women in the University. At present key positions of the University like DSW and Chief Warden (girls) are headed by women and many woman professors are at helm of affairs in the capacity of Dean of various faculties. There is fair representation of both the genders in the University Court, Executive Council and Academic Council.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Annual gender sensitization action plan(s)	https://www.gjust.ac.in/Page/Index_4s?id= 350&pid=646∣=652&departmentId=&catId=
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://www.gjust.ac.in/Page/Index_4s?id= 350&pid=646∣=652&departmentId=&catId=

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

The first step of solid waste management is to segregate biodegradable, non-biodegradable and domestic hazards waste. A sewage treatment plant of capacity 2.5 MLD has been installed and commissioned. The domestic waste is collected from the residential houses and waste is also collected from different buildings of the University by the University waste-picker vehicle. All the bio-degradable waste is converted into compost by using vermicomposting. Segregation of the waste is done at the time of collection. The university has a rate contract with a company (Synergy Waste Management) for picking up bio-medical waste and residual from University Health Centre and Animal House Faculty in the Department of Pharmaceutical Sciences of the University. In order to achieve, Carbon Neutrality greenhouse gases emissions have been reduced to restrict personnel transportation and promote ecofriendly conveyance in the campus. University collects solid waste to reduce greenhouse gases emission. The University has about 23,000 trees in the campus. Also green land is used for carbon sequestration. About 125 big trees (more than 50 years old) have been transplanted in campus. University is making efforts for Hazardous Waste Management by implementing improved irrigation system, waste water treatment and use of treated waste water for lawn irrigation. For this purpose, a welldesigned irrigation system has been in place.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

- 7.1.6.1 The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:
 - 1. Green audit
 - 2. Energy audit
 - 3. Environment audit
 - 4. Clean and green campus recognitions/awards
 - **5. Beyond the campus environmental promotional activities**

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

- 7.1.7 The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software,mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.
- A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

An inclusive environment indicates a climate of trust, belongingness, respect, equity and where acknowledgement of differences is cultivated, and the social and institutional response to disability poses no barrier in the growth of everyone at a workplace. In this regard the GJUSTcan safely be termed as inclusive workplace. The University pay close attention on hiring and assessing talent at each step. The university has maintained diversity in the selection of teaching and non-teaching staff and all the selections are made as per the Government guidelines. The university also ensures that there is fair representation of employees/staff from neighbouring states. Similarly, there is diversity in the student's makeup in the university to ensure geographic and socio-economic diversity (prospectus link) as per government guidelines which includes seats for All India Category, Bonafide residents of Haryana, Economically Weaker Sections (EWSs), Scheduled Castes, Backward Classes, Differently-abled Persons/ Ex-Serviceman and their wards and the dependents of Freedom Fighters. One supernumerary seat is reserved for northeastern candidates/ Ward of deceased of COVID-19, wards of Kashmiri Migrants and few seats are reserved for Foreign Nationals in each programme. Along with this university also provides various scholarships to the students so that they can pursue their education

(https://www.gjust.ac.in/facility/scst.html)

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

Fundamental rights bestowed to the Indian citizens and Fundamental Duties are an essential part of the Constitution. The rights protect the liberties and freedom of the citizens against any invasion whereas the duties are defined as the moral obligations of all citizens to help promote a spirit of

patriotism and to uphold the unity of India. The university incessantly sensitize its students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens through various activities. The university has displayed the fundamental rights and duties at many places. Moreover, university also celebrates Constitution Day (National Law Day), also known as Samvidhan Divas on 26 November every year to spread the importance of the Constitution of India.

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

National festivals play an important role in planting the seed of nationalism and patriotism among the people of any nation. To honor the sacrifices of our great leaders and freedom fighters who laid down their lives in the foundation of this country, the university celebrates national and international days, events and festivals every year. GJUST in its journey organises these events to instill a sense of community. Independence Day, Republic Day is celebrated every year in the university with great enthusiasm. The Parade, various competitions and cultural program enthralls the audience. The university celebrates National Youth Day on 12th January to honor the birth anniversary of Swami Vivekananda. National Science Day is celebrated on 28th February every year to commemorate the discovery of Raman effect by Indian Scientist Sir CV Raman by organizing events like quiz, poster making, slogan writing competition, essay writing etc. The directorate

of youth welfare of the university rejoiced "Hindi Diwas" on 14th September to celebrate Hindi language to promote linguistic and cultural diversity and multilingualism. Being a technical University, National Technology Day is celebrated also on 11th May regularly. The University celebrates International Yoga Day on 21st June with the aim to recognize the benefits of the ancient Indian practice of yoga with the participation of its employees and students.

File Description	Documents
Upload relevant supporting document	<u>View File</u>

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

BEST PRACTICE- I 1. Title of the Practice: ACQUIRE KNOWLEDGE THROUGH RESEARCH AND INNOVATION 2. Objectives of the Practice Guru Jambheshwar University of Science and Technology, Hisar, Haryana is a research-oriented university with an aim to create and transmit knowledge through quality research for the benefit of the local needs, nation and the world. Some deliverables generated to quantify the outcomes and value of the inputs that go into research at the University are: Generation of Knowledge through Research Outcomes to enrich teaching and application Extramural Research Projects for generation and expansion of knowledge Research Publications in journals of repute Consultancy Promote Entrepreneurship Extension services in neighborhood villages/communities The University encourages advancement of knowledge through researchbased activities by providing University research grants, supporting initiatives through state-of-the-art infrastructure, and excellent research laboratory facilities. 3. The Context The vision and mission of the University is primarily focused on research and its deliverables. Research funds received from extramural sources, University Research Grants, research-based curricula, and research supervision of M.Tech/M.Pharm/Ph.D. students at the University have yielded quality publications, citations, distinguished awards/honours received by faculty and research scholars, etc. These have helped raise the h-index of the University to 100 within a short span of 25 years.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust

(within a maximum of 200 words)

As a fundamental human right, gender equality is also a necessary foundation for a peaceful, prosperous and sustainable world. Despite many reforms, discriminatory laws and social normsremain prevalent and women continue to be underrepresented at all levels. Equal rights for women and men are not only fundamental human rights, but also the foundation of prosperity, peace, and sustainability. The University feels proud to empower the girl students. In this row, the university has become a pioneer in giving reservation to single girl child of Haryana State in all UGC approved courses. The Academic Council and the Executive Council in its meeting held on 29.12.2015 has resolved to create one supernumerary seat in UGC courses/ programmes (except AICTE programmes) being run in the University Teaching Departments, for a single girl child of her parents or one amongst the only two girl children with no male child. Further, one more seat was created by Admission Committee in its meeting held on 01.05.2018 with effect from the session 2018-19.

7.3.2 - Plan of action for the next academic year

Nil