YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution   GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

- Name of the Head of the institution   PROF. B.R. KAMBOJ

- Designation   VICE CHANCELLOR

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   01662263101

- Mobile no   9053093002

- Registered e-mail   VC@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 **IQACELLGJUST@GMAIL.COM**

- Alternate Email address **IQAC@GJUST.ORG**

3.Website address (Web link of the AQAR (Previous Academic Year) http://www.gjust.ac.in/facility/iqac/2021/AQAR_2019-20_301121.pdf

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: https://www.gjust.ac.in/admin/calendar.html

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	Nil	2002	Nil	Nil
Cycle 2	A	3.26	2009	15/06/2009	14/06/2014
Cycle 3	A	3.26	2014	14/12/2014	09/12/2021
Cycle 4	A+	3.38	2022	18/10/2022	17/10/2027

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/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Faculty Of Engg and Tech	TEQIP-III	World Bank	2017	63000000
Institution	RUSA-1	MHRD	2016	194610000
Institution	RUSA-1	MHRD	2017	7500000
Institution	RUSA-2	MHRD	2019	75000000
Institution	PURSE	DST	2017	102500000
Deptt of Physics	FIST	DST	2016	95000000
Deptt of Mathematics	FIST	DST	2017	35000000

8.Whether composition of IQAC as per latest NAAC guidelines   **Yes**

- Upload latest notification of formation of IQAC   [View File]

9.No. of IQAC meetings held during the year   **1**

- 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)   **Yes**

- (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?   **No**

- If yes, mention the amount   **0**

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

1. Improvement in the NIRF Rankings 2. Applying for the International Rankings i.e. Times Higher Education World University Rankings 3. Applying for the UI Green Metric World's Most Sustainable University Rankings 4. Organization of workshops for affiliated colleges for NAAC accreditation

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
Planned the submission of IIQA and SSR for the 4th cycle of NAAC Assessment and Accreditation of the University	Successfully submitted the IIQA and SSR to NAAC

13.Whether the AQAR was placed before statutory body?   **Yes**

- Name of the statutory body

Name	Date of meeting(s)
University Court	01/05/2020

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

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Yes

15.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	30/03/2022

16.Multidisciplinary / interdisciplinary

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, inter-disciplinary 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 teaching-learning. 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 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 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 credits.

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

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

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(DDE), established in 1997 is presently running 5 PG and 3 UG programmes in Open and Distance Learning Modes. The DDE is exploring the possibilities ofoffering vocational courses through ODL mode in the institution. DDE is planning to initiate yearly/ half yearly Diploma/Certification programme(s) in various disciplines i.e. Diploma in Computer Application, Diploma in Food and Nutrition, Certificate in Food and Nutrition and Certificate in Video Film Making. As per the UGC provisions on Blended mode of Learning, DDE is also plans to allow the teaching of up to 40% of the syllabus of each course through Online mode and the remaining 60% syllabus of the concerned courses could be taught in offline mode. DDE is supported by Computer Lab facility with high speed internet connectivity for online Pedagogies, MOOC Certificate Programme. As per National Education Policy, 2020, our Goal is to curtail dropout rates and ensure universal access to education at all levels. Flexibility is provided in imparting education and are having multiple entry and exit, thereby increasing the GER. Every effort is also being made to achieve equitable and inclusive education. 'One Week Online Academic Orientation

Programme' is being organized by Directorate of Distance Education annually for the freshly admitted students. Supplementing the same, Online PCP(s) are organized for the students of Distance Education in this pandemic. For Full-Fledged Online Programmes of B.Com. and MBA, our Learning Management System portal is totally complying upon the four quadrant approach comprising E-Content, E-Tutorial, E-Assessment & Discussion Forum. Online Mentoring Session(s) of one hour per week are being organised for the students of all programmes. DDE students are also connected through Google Classroom, WhatsApp groups, Facebook page and E mail. Also, Students are being alleviated with the effective redressal mechanism offered by Distance Education through its Three-Tier Level Student Grievances Cell. It is planned to apply for 02 New Programmes namely M.A.(Hindi) and M.A.(English) through Offline mode and 02 New Programmes namely MCA and M.A. (Mass Communication) in Online Mode. Besides this DDE is also involved in organizing One week Online virtual Add on Courses, Workshops & Seminars on various inclining topics like Latex-2021, Machine Learning for Internet of Things etc.

Extended Profile

1.Programme

1.1 Number of programmes offered during the year:	59
1.2 Number of departments offering academic programmes	24

2.Student

2.1 Number of students during the year	5980
2.2 Number of outgoing / final year students during the year:	1619
2.3 Number of students appeared in the University examination during the year	11960
2.4	154

Number of revaluation applications during the year	
3.Academic	
3.1 Number of courses in all Programmes during the year	**270**
3.2 Number of full time teachers during the year	**348**
3.3 Number of sanctioned posts during the year	**309**
4.Institution	
4.1 Number of eligible applications received for admissions to all the Programmes during the year	**10880**
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**1310**
4.3 Total number of classrooms and seminar halls	**123**
4.4 Total number of computers in the campus for academic purpose	**1450**
4.5 Total expenditure excluding salary during the year (INR in lakhs)	**8576.51**

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.

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.

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).

The courses on Universal Human Values, Personality Development, Environment Sustainability, etc. have been introduced to make students aware and responsible citizens.

Recently, the curricula have been designed/revised by following Outcome Based Educational (OBE) Framework/ Learning Outcomes based Curriculum Framework (LOCF) as per the norms of UGC/AICTE, etc.

File Description	Documents
Upload relevant supporting document	View File

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

100

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

2070

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

100

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

59

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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.Hence, a course on Environment Science/Sustainability is mandatory for all the UG programmes. 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. These activities are taken care by Training and Placement Cell. A proper balance of discipline-specific core courses and other inter disciplinary courses on professional and socially relevant issues in the curricula successfully shapes our students into brilliant professionals and enlightened world-class citizens. The University ensures a solid discipline specific foundation and exposure to cross-cutting issues imbibe a positive outlook in the students towards professional work and challenges of life in general.

File Description	Documents
Upload relevant supporting document	View File

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

57

File Description	Documents
Upload the data template	View File
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

891

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

2639

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File

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	View File

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

2387

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

906

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

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 mentors. 3. Conducting extra classes as per requirement. Advanced learners are encouraged to participate in: 1. In-house research activities, in National level paper contests, seminars and project exhibitions 2. Appointed as student representatives at the department level3. To help them prepare for competitive exams like GATE, CAT, NET etc.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://www.gjust.ac.in/facility/iqac/NAAC/2021/NAAC%20General/2.2.1%20Additional%20Information.pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
5980	348

File Description	Documents
Upload relevant supporting document	View File

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. 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. Experiential Learning: 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. Details of activities are provided to the students so that they have a clear vision of the course outcome. The active learning components work like a dress rehearsal for their real time assignment involving analytics and problem solving. It provides them with the opportunity of attaining their skills before they are on the actual job.

File Description	Documents
Upload relevant supporting document	View File

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.

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+ e Journals, 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	View File

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

2.3.3.1 - Number of mentors

348

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

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

358

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

237

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

3113

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

73

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

68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

0

File Description	Documents
Upload relevant supporting document	View File

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 following steps are followed.1. 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. 2. Examinations: During the COVID-19 pandemic, the online examinations have been/are being conducted after taking option of the students. 3. Post examination: Internal assessment awards are taken online from the teachers alongwith print of those awards duly signed by him/ her. Similarly Practical External awardsonline. A, B, and C having four bar codes for maintaining confidentiality. Results are also available on Website 4. National Academic Depository (NAD): A separate cell has been created. 5. Re-evaluation: Online re-evaluation forms are filled by the students.6. Ph.D., M.Sc./M.Tech./M.Pharm./M.Physiotherapy Thesis Evaluation and Viva-Voce: The panel of examiners is submitted online by the department concerned to the Secrecy Branch at the time of submission of thesis and out of those panels the examiners are approved by the Vice Chancellor for evaluation of thesis and viva voce of the student/scholar in online mode or offline mode as per situation. The report is also submitted by the examiner online/offline.

File Description	Documents
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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).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) and High Order Thinking Skills (HOTS) (Analyse, Evaluate, Create) levels. The syllabi based on OBE has been passed through various academic bodies of the University after due deliberations. The syllabi of all these programmes are available at the University website. The POs are displayed in the respective classrooms and laboratories. Students are made aware about the Course and Programme Outcomes and their assessment methods. The Sciences and Social Science Departments are in the process of implementing the OBE/LOCF framework.

File Description	Documents
Upload relevant supporting document	View File

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. 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 direct component for a PO's attainment comes from the average attainment levels of all the COs of various courses of a programme that maps to the particular PO. T. The attainment levels of COs and POs are analysed for the continuous improvement in the teaching learning cycle. The methodology to compute the attainment level may vary slightly from one department to another

File Description	Documents
Upload relevant supporting document	[View File](#)

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

1109

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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/feedback/2022/Feedback_analysis_final_2203 2022.pdf

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 h-index of the University has gone up to 100 at present with more than 3000 publications and citations reaching nearly 60000 as per Scopus Database.Based on h-index.Department of Bio and Nano Technology has received PG Teaching grant from DBT, Government of India and DST-Nano Mission and BIF grant DBT Govt. of India. TEQIP Scheme of World Bank has funded the University thrice. Library along with Facility for detection and check of Plagiarism by using "Turnitin" an Anti- Plagiarism Software. A state of the art Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory has been established, well supported by RUSA and PURSE grant with high end research equipment's including FE-SEM, NMR, LC-MS, MPAES, UHPLC, DSC, XRD, Raman spectrophotometer, UV-VIS-NIR spectroscopy and Rheometer. The University sanctioned Rs. 50 crores under RUSA-II MHRD for research and innovation and Pt. Deen Dayal Upadhyaya Incubation and Innovation Centre has been set up in the o promote technological development, inter-disciplinary research and industry-academia linkages. The Centre was formally Digitally Launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019. i. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and has executed 42 MoUs.

File Description	Documents
Upload relevant supporting document	View File

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

12.12

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

277

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File

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

10

File Description	Documents
Upload the data template	View File
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	View File
Upload relevant supporting document	View File

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

394.41

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

136

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

The University has PDUIIC, HRDC, PDUCIC, Centre of Industry Institute Partnership (CIIP) for creation and transfer of knowledge. The UGC-Human Resource Development Centre (HRDC) of the University has been established in 2009 with a vision 'To Facilitate Human Development and Professional Excellence in Academics'. The National Assessment and Accreditation Council (NAAC) has judged the HRDC of the University as First in performance out of 66 Human Resource Development Centres in the country and put it in the front seat. In 2018, UGC-HRDC has been recognized as National Resource Centre (NRC) by MHRD, Govt. of India for the conduct of online Annual Refresher Programme in Teaching (ARPIT) in 'Pedagogical Innovations & Research Methodology' discipline through SWAYAMMOOCs platform. The CIIP has been established in 2008 to promote consultancy & IPR activities

in the University. The Centre was formally digitally launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019 from Sher-e-Kashmir International Convention Centre, Srinagar. The PDUIIC supports Industry academia collaborations for Innovative ideas and for developing Prototypes/Product Development/Start-up's in thematic areas of Agricultural Sciences, Business Management, Engineering, AI, IOT & Robotics, Life Sciences, Pharmaceutical Sciences, Physical Sciences, Medical Sciences & Yoga Sciences for the benefit of the Society., researchers get the opportunity of incubating the novel ideas, developing prototype and devices.

File Description	Documents
Upload relevant supporting document	[View File]()

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

135

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

135

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

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

32

File Description	Documents
Upload the data template	[View File]()
Upload relevant supporting document	[View File]()

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, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)
Upload relevant supporting document	[View File](#)

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

149

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

947

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

166

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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   **A. Any 5 or all of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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
591	555

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

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
591	555

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

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 h-index of the University has gone up to 100 at present with more than 3000 publications and citations reaching nearly 60000 as per Scopus .Department of Bio and Nano Technology has received PG Teaching grant from DBT, Government of India and DST-Nano Mission and BIF grant DBT Govt. of India. TEQIP Scheme of World Bank has funded the University thrice. Dr. B.R. Ambedkar Library along with Facility for detection and check of Plagiarism by using "Turnitin" an Anti- Plagiarism Software. A state of the art Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory has been established, well supported by RUSA and PURSE grant with high end research equipment's including FE-SEM, NMR, LC-MS, MPAES, UHPLC, DSC, XRD, Raman spectrophotometer, UV-VIS-NIR spectroscopy and Rheometer. The University sanctioned Rs. 50 crores under RUSA-II MHRD for research and innovation and to promote technological development,

inter-disciplinary research and industry-academia linkages. The Centre was formally Digitally Launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019. i. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and has executed 42 MoUs.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

128.81

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

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. GJUST has seven NSS units in the campus to uphold and promote the values of communal harmony, patriotism and national integration among students and community members. Seven days village camps and blood donation camps are the annual features of the NSS. NSS volunteers of the University are participating every year in Republic Day (RD) parade at the Janpath, New Delhi. Anupriya Dhiman, NSS volunteer led the NSS contingent in RD parade in 2018. 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. GJUST has established "Swachh Bharat Swasth Bharat" centre Under Swachh Bharat Abhiyan.The result of the activity is reflected by the 2nd position of the students in the Haryana State and awarded Rs. 50,000/- for serving in the villages. SBSB centre of GJUS&T scheduled various activities in the villages like door to door awareness campaign,

File Description	Documents
Upload relevant supporting document	[View File](#)

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

27

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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)

85

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

7367

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

518

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 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, LC MS/MS, NMR spectrometer, XRD, Raman spectrometer, FESEM-EDX, etc. The three seminar halls in the CRS auditorium have the capacity of 250, 125 and 125, respectively with all IT facilities. The University has been augmenting its physical infrastructure, IT and learning resources to keep pace with the changing technology. PDUCIC was established in 1998 to meet the computing requirements of all the students, research scholars, faculty and staff of the University. It has more than 250 networked computers with latest configuration servers, other peripherals and internet facility.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 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.. 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	*View File*

4.1.3 - Availability of general campus facilities and overall ambience

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.. 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. The University has two cafeterias with the facility of big dining hall, kitchen, store etc. Besides, there is a Shopping Centre where several facilities, such as saloon, laundry, post office, bookshop, two banks with ATM facilities, grocery shop, sweets shop, computer and photocopying facilities, etc. are available to the residents and students. University Health Centre: The University Health Centre caters to the medical needs of University Staff and students. It is spacious enough to accommodate 2 doctors' cabins, . Ambulance Service are available round the clock. Free medicines to all the employees their dependends and students. Further,

File Description	Documents
Upload relevant supporting document	*View File*

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

2498.34

File Description	Documents
Upload the data template	*View File*
Upload relevant supporting document	*View File*

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. To make it accomplish, the library in its electronic repository, has the access to 8000+ e-journals from 12 publishers and 5 Databases. In addition, 18310 video Lectures of IITs through National Programme on Technology Enhanced Learning are also accessible over Campus Wide Network. Moreover, 2149 e-books of national and international repute publishers have also been added in e-repository to enrich the students. In addition to the above, to accelerate the academic activities/reading, 1.75 Lakh e-books added for students, scholars and faculty members and the link for Remote Accessing of those e-books is available at our Library Website. Moreover, library having the access of 603 e-books through Emerald insight, 21 e-books from IOP, 1525 e-books through IEEE Xplore and 7 Lakh e-books through National Digital Library of India. Besides the above, the library has signed a MoU with INFLIBNET for Shodhganga Repository which is a database of Indian theses.

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	View File

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

112.03

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

704

File Description	Documents
Upload relevant supporting document	[View File](#)

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

123

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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, etc. Online application forms for recruitment for various teaching and non teaching jobs are also invited through PDUCIC. From its very inception, the PDUCIC has effectively been performing the task of building up data processing capabilities of many branches of the University and playing a vital role in imparting intensive training from time to time to the staff of the University. In addition, there is a full-fledged language lab prepared with Wordsworth software to enhance the language skills.Year wise Budget Allocation & Utilization on IT Infrastructure (Allocated by University) 2020-21 Budget allocation 15,00,000 Utilization 04,18,460.Allocated through RUSA Grant 2020-21 Budget allocation

1,00,000 Utilization 51,720 Bandwidth details: 100 MBPS . The training related to the use of the software is also provided by the PDUCIC. An MoU has been signed between GJUST Hisar and Chaudhary Devi Lal University Sirsa to develop admission software for them by the GJUST, Hisar and make admission for two academic years i.e. 2021-22 and 2022-23.

File Description	Documents
Upload relevant supporting document	[View File]()

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
5981	1395

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

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File]()

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	[View File]()
Upload the data template	[View File]()

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

592.68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 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.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 purchase policy was revised in 2020 and there was more deligation of financial powers to the faculty members and other University officials.For mainaiting the major equipments in the University, Annual Maintenace Contract has been made. Dr. B.R. Ambedkar Library is utilized by the students and faculty members of the University. During examination days the 'Reading Hall' is opened 24x7. Ch. Ranbir Singh Auditorium is jewel of the buildings in the University. It has three seminar halls also with all state of art facilities. The various cultural and academic activities are organized in this auditorium by the students, research scholars, faculty members of the University.

File Description	Documents
Upload relevant supporting document	View File

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)

484

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1527

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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	View File

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

108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1082

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

340

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

10

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 extra-curricular activities.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 a handling group and Social Media group.

File Description	Documents
Upload relevant supporting document	View File

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

86

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

The alumni association of the University is looked after by the department of Alumni Relations headed by its Dean. The alumni association has an executive council. 1. President: Vice-Chancellor 2. Vice-President Ms. Sumedha Kataria, Retd. IAS 3. Secretary: Prof. Rajesh Kumar Lohchab 4. Joint Secretary-cum-Treasurer: Prof. Rakesh Behmani Members of Executive Council 1. Mr. Aditya Ranoliya, CEO, Admake India Media Pvt. Ltd. 2. Er. Vijay Singh, Sr. Manager, Jindal Stainless, Hisar. 3. Dr. S.D. Attri, IMD, New Delhi. 4. Mr. Anand Kumar, Member, HPSCPanchkula, 5. Mr. Anand Gupta, M. D Gupta Oxygen, Pvt. Ltd. 6. Dr. Pawan Kachoria, Clinical Psychologist, Brain and Body Analysis. 7. Sh. Mukesh Kumar, 8. Prof. Neeraj Dilbaghi9. Prof. Sandeep Rana, 10. Mr. Partap Malik,11. Dr. Mohit,. The Alumni Affairs Relations office has undertaken Grooming the students for availing better placement opportunities. The Association and till date have received an amount of Rs.30,61,936/-(Thirty Lacs Sixty One thousand Nine Hundred and Thirty Six only). The registered alumni are being issued Privilege Card which can be used by them for availing certain specified University facilities. The following students have been granted free-ship amounting Rs. 5,10,660/- from Alumni Fund during the period November 28, 2017 to March 30, 2021

File Description	Documents
Upload relevant supporting document	View File

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

File Description	Documents
Upload relevant supporting document	View File

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

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.

Governor of Haryana is the ex-officio Chancellor and the Head of the University.

Vice-Chancellor, as a whole time Principal Executive and Academic Officer of the University, translates the decisions of all the University authorities into action, and facilitates interactive and participative teaching learning in a very congenial and harmonious academic environment to induce the culture of excellence.

Registrar is the Chief Administrative Officer of the University. The Dean, Academic Affairs oversees the academic matters of the University. The Dean Research oversees the research matters of the University.

File Description	Documents
Upload relevant supporting document	[View File](#)

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. The inputs of these committees are taken up in the BoSR for consideration and recommendation of changes.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

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. . These initiatives include computerization of accounting and examination systems, provision of library e-services establishment besides upgradation of PDUCIC. The University Library is fully automated in its functioning using LibSys software. The data are digitally generated and stored in the library systems. The admission process of the University is also computerized. The students are required to fill the information in the OMR Sheet, which is used by registration branch to create and maintain the data bank of the students. Online tests for admissions to various programmes in the State are also facilitated by the PDUCIC. In addition, it also takes care of the Internet facility and online research journals. The University has earned a revenue of Rs. 1,18,00,000/-by developing a software for Chaudhary Devi Lal University, Sirsa, Haryana.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 Page 101/138 25-03-2022 08:27:06 Self Study Report of GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

4. The Finance Committee

5. The Faculties

6. The Planning Board

7 The Faculties There are 10 faculties in the University comprising 24 Departments.

8 Board of Studies and Research Every department has a 'Board of studies and Research'. The University promptly attends to the general grievances and women's grievances through: 1. Grievance redressal Cell exists to redress the complaints of the students particularly pertaining to the results, registration and scholarship branches, Colleges and Hostels. 2. There is a committee to check Menace of Sexual Harassment and Violence against Women. 3. A committee is constituted every year to resolve the problems/grievances of the students regarding admission.

File Description	Documents
Upload relevant supporting document	[View File](#)

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	View File
Upload relevant supporting document	View File

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 Non teaching 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. 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 non teaching staff in addition to compulsory computer training various types of short term skill up-gradation programmes and lectures are arranged frequently. The family of the deceased employee is accomodated in the campus. The University is very liberal in giving advances in case of any medical emergency to any employee. Almost 40% of the employees are residing in the University Campus.

File Description	Documents
Upload relevant supporting document	View File

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

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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)

490

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 constituted Investment Committee decides and recommends the investment of funds of Pension, Provident Fund etc. The University has a defined purchase policy.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

227.38

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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	[View File](#)
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.

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.

File Description	Documents
Upload relevant supporting document	[View File]()

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

The IQAC of the University is actively working in universioty institutionalizing the quality assurance strategies and processes periodically. IQAC has organized various workshops/ webinars regarding New Education Policy, Outcome based Education and for institutions of Higher Learning for NAAC accreditation. IQAC organized one-day workshop on "Outcome Based Education" on 17.11.2021 in association with the HRDC. All Deans, Directors, Chairpersons, Faculty Members, Research Scholars and Non-Teaching Staff members took part into this. IQAC has taken initiatives for the implementation of National Education Policy 2020 in the University. Recently, IQAC has designed and improved the Academic Audit and methodology proforma.. As a result of this resolution, LOCF/OBE based system has been introduced in all AICTE approved programmes of the University. In the 9th meeting of IQAC, it was also resolved that Administrative Audit for All the Branches, University Library, Directorate of Sports,Health Centre andDistance Education should also be introduced in the University. The proforma for the Administrate Audit has been designed and

implemented in the University. In this meeting GJUST resolved that Energy Audit, Green Audit and Environmental Audit should also be carried out in the University. This has been implemented in the University Green Audit and Environment Audit, Energy Audit have been carried out.

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)
Upload relevant supporting documnent	[View File](#)

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)

The GJUST has made incremental improvement in academic and administrative domains during the years by taking post accreditation quality initiatives.

Complete independent portal for Online admission of new students from Registration to Roll No. generation, Change of study Centre, readmission for Distance Education Support Cell (DESC).

Online month-wise submission of attendance of University GATE & GPAT students for their scholarship on the web-portal of AICTE.

Complaint portal has been developed to register the online complaints by the students regarding the Caste Based Discrimination.

Fully cash less system was adopted in the University for every Payment and deposits.

The facilities for differently abled students have been enhanced. Disability resource Centre has been established in University as per AICTE directive and a ramp has been constructed in University Library building out of RUSA grant. Centre for Industry-Institution Partnership Cell and Career Counselling Cell have been established. IQAC meeting resolved that University should also apply for NBA accreditation for management programme. Feedback about teaching, academic and administrative support has been included. The Research Promotion Board has been constituted in the University. The University has also Innovation and Incubation centre providing a platform to the young innovators for achieving their goal towards self-realisation by strengthening Technology Start-ups in selective areas of National concern

File Description	Documents
Upload relevant supporting document	[View File](#)

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. 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 are 04 hostels for girl students and in addition to this one hostel is exclusively for Ph.D. research scholar and Working Women in the University. Self Study Report of surveillance. The University has day care centre for the children of the University employees. University has active women cell which undertakes various activities for the welfare of women. The matters related to sexual harassment are dealt by an Internal Complaint Committee constituted according to the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. The University has been organizing varied academic, technical, medical, cultural and social events intending to make women self-reliant and economically independent. Gender sensitization workshops and seminars for the benefit of women are the regular features. International women's day is celebrated in the University every year on women related social, financial and legal

themes

File Description	Documents
Upload relevant supporting document	[View File](#)
Annual gender sensitization action plan(s)	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103188/7.1.1_1647513746_6711.pdf
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	[A to D](#)

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	[View File](#)

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. A. 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. University has its own E-

Waste policy in collaboration with HARTRON as per policy of State Government circulated by Secretariat for Information Technology vide letter no 03/20/2000/3SIT/2242, dated 28/3/2011. University has also initiated process of disposing off computers and its allied items for VC Office, Registrar office, Physics, CSE, BME, Mathematics Department, CIL, Mathematics, Academic Branch, General Branch, UCIC, University Library and Accounts Branch. Other Page 118/138 25-03-2022 08:27:18

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)

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	[View File](#)

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	[View File](#)

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)

The University pay close attention on hiring and assessing talent at each step. The university also ensures that there is fair representation of employees/staff from neighbouring states. The university to ensure geographic and socio-economic diversity 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. One supernumerary seat is reserved for north-eastern candidates/ Ward of deceased of COVID-19, wards of Kashmiri Migrants and few seats are reserved for Foreign Nationals in each programme. The Directorate of Youth Welfare of the university organizes youth festival every year with the objective to bring together the youth from different

colleges/institutions. T NSS unit of the university regularly organizes various programmes to showcase unity in diversity like NSS unit of the University & Nehru Yuva Kendra Sangthan (NYKS), Hisar. The university is also an ambassador of Swachh Bharat Abhiyan. GJUST has adopted five villages, namely Saatrod Kalan, Behbalpur, Mirjapur, Deva, Nanghtala. The cell regularly visits the villages and run door to door awareness campaigns on cleanliness, solid waste management /sanitation/ hygiene/ organic waste/ hand wash/ plastic free.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 university incessantly sensitize its students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens through various activities. The University has organized District Youth Parliament on 25 January, a workshop on human rights on 25 March, 2021To spread awareness about the harmful effect of drugs, the University has launched "Drug Free India" campaign from its premises on 19th February, Sh. Narender Modi, Hon`ble Prime Minister, Govt. of Hrayana addressed the programme through video conferencing in the presence of Sh. Manohar Lal, Hon`ble Chief Minister, Govt. of Hrayana and Gurudev Sri Sri Ravi Shankar Ji. During this State event, The Twenty-Nine Commandments became the Bible for human growth and conservation of biodiversity and speaks about the importance of values in one's life. To inculcate spiritual values, the Guru Jambheshwar Ji Maharaj Institute of Religious Studies organizes Hawan on the occasion of the birthday of Guru Jambheshwar Ji Maharaj to spread his teachings and they also celebrate Geeta Jayanti.

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   All of the above

**staff Annual awareness programmes on Code
of Conduct are organized**

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. . The Parade, various competitions and cultural program enthralls the audience. Being a technical University, National Technology Day is celebrated also on 11th May regularly. To commemorate Cervical Health Awareness Month all over the world, health department of the university has organized "University Employees Fitness and Wellness Talk' on 28th January, 2020. International Mother Language Day is celebrated on 21st February to promote linguistic and cultural diversity and multilingualism. 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. The World Food Day is an international day celebrated every year by the Department of Food Technology on 16th October. GJUST organizes red ribbon campaign on the occasion of World Aids Day through NSS. Besides this university also celebrates major festivals of India like Deepawali, Holi, Janmashtami, etc. The university has mentioned all the events in the academic calendar which is displayed on its website.

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.

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.

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).

The courses on Universal Human Values, Personality Development, Environment Sustainability, etc. have been introduced to make students aware and responsible citizens.

Recently, the curricula have been designed/revised by following Outcome Based Educational (OBE) Framework/ Learning Outcomes based Curriculum Framework (LOCF) as per the norms of UGC/AICTE, etc.

File Description	Documents
Upload relevant supporting document	[View File]()

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

100

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

2070

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

100

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

59

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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.Hence, a course on Environment Science/Sustainability is mandatory for all the UG programmes. 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. These activities are taken care by Training and Placement Cell. A proper balance of discipline-specific core courses and other inter disciplinary courses on professional and socially relevant issues in the curricula successfully shapes our students into brilliant professionals and enlightened world-class citizens. The University ensures a solid discipline specific foundation and exposure to cross-cutting issues imbibe a positive outlook in the students towards professional work and challenges of life in general.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

57

File Description	Documents
Upload the data template	[View File](#)
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

891

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

2639

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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	[View File](#)

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	View File

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

2387

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

906

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

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

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 mentors. 3. Conducting extra classes as per requirement. Advanced learners are encouraged to participate in: 1. In-house research activities, in National level paper contests, seminars and project exhibitions 2. Appointed as student representatives at the department level3. To help them prepare for competitive exams like GATE, CAT, NET etc.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link For Additional Information	https://www.gjust.ac.in/facility/iqac/NAAC/2021/NAAC%20General/2.2.1%20Additional%20Information.pdf

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
5980	348

File Description	Documents
Upload relevant supporting document	[View File](#)

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. 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. Experiential Learning: 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. Details of activities are provided to the students so that they have a clear vision of the course outcome. The active learning components work like a dress rehearsal for their real time assignment involving analytics and problem solving. It provides them with the opportunity of attaining their skills before they are on the actual job.

File Description	Documents
Upload relevant supporting document	[View File](#)

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. 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+ e Journals, 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	View File

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

2.3.3.1 - Number of mentors

348

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

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

358

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

237

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

3113

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

6

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

73

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

68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

0

File Description	Documents
Upload relevant supporting document	View File

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 following steps are followed.1. 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. 2. Examinations: During the COVID-19 pandemic, the online examinations have been/are being conducted after taking option of the students. 3. Post examination: Internal assessment awards are taken online from the teachers alongwith print of those awards duly signed by him/ her. Similarly Practical External awardsonline. A, B, and C having four bar codes for maintaining confidentiality. Results are also available on Website 4. National Academic Depository (NAD): A separate cell has been created. 5. Re-evaluation: Online re-evaluation forms are filled by the students.6. Ph.D., M.Sc./M.Tech./M.Pharm./M.Physiotherapy Thesis Evaluation and Viva-Voce: The panel of examiners is submitted online by the department concerned to the Secrecy Branch at the time of submission of thesis and out of those panels the examiners are approved by the Vice Chancellor for evaluation of thesis and viva voce of the student/scholar in online mode or offline mode as per situation. The report is also submitted by the examiner online/offline.

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)
Upload relevant supporting document	[View File](#)

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).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) and High Order Thinking Skills (HOTS) (Analyse, Evaluate, Create) levels. The syllabi based on OBE has been passed through various academic bodies of the University after due deliberations. The syllabi of all these programmes are available at the University website. The POs are displayed in the respective classrooms and laboratories. Students are made aware about the Course and Programme Outcomes and their assessment methods. The Sciences and Social Science Departments are in the process of implementing the OBE/LOCF framework.

File Description	Documents
Upload relevant supporting document	[View File](#)

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. 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 direct component for a PO's attainment comes from the average attainment levels of all the COs of various courses of a programme that maps to the

particular PO. T. The attainment levels of COs and POs are analysed for the continuous improvement in the teaching learning cycle. The methodology to compute the attainment level may vary slightly from one department to another

File Description	Documents
Upload relevant supporting document	View File

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

1109

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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/feedback/2022/Feedback_analysis_final_2 2032022.pdf

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 h-index of the University has gone up to 100 at present with more than 3000 publications and citations reaching nearly 60000 as per Scopus Database.Based on h-index.Department of Bio and Nano Technology has received PG Teaching grant from DBT, Government of India and DST-Nano Mission and BIF grant DBT Govt. of India. TEQIP Scheme of World Bank has funded the University thrice. Library along with Facility for detection and check of Plagiarism by using "Turnitin" an Anti- Plagiarism Software. A state of the art Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory has been established, well supported by RUSA and PURSE grant with high end research equipment's

including FE-SEM, NMR, LC-MS, MPAES, UHPLC, DSC, XRD, Raman spectrophotometer, UV-VIS-NIR spectroscopy and Rheometer. The University sanctioned Rs. 50 crores under RUSA-II MHRD for research and innovation and Pt. Deen Dayal Upadhyaya Incubation and Innovation Centre has been set up in the o promote technological development, inter-disciplinary research and industry-academia linkages. The Centre was formally Digitally Launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019. i. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and has executed 42 MoUs.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

12.12

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

277

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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	[View File](#)

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

10

File Description	Documents
Upload the data template	[View File](#)
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	[View File](#)
Upload relevant supporting document	[View File](#)

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

394.41

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

136

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

The University has PDUIIC, HRDC, PDUCIC, Centre of Industry Institute Partnership (CIIP) for creation and transfer of knowledge. The UGC-Human Resource Development Centre (HRDC) of the University has been established in 2009 with a vision 'To Facilitate Human Development and Professional Excellence in Academics'. The National Assessment and Accreditation Council (NAAC) has judged the HRDC of the University as First in performance out of 66 Human Resource Development Centres in the country and put it in the front seat. In 2018, UGC-HRDC has been recognized as National Resource Centre (NRC) by MHRD, Govt. of India for the conduct of online Annual Refresher Programme in Teaching (ARPIT) in 'Pedagogical Innovations & Research Methodology' discipline through SWAYAMMOOCs platform. The CIIP has been established in 2008 to promote consultancy & IPR activities in the University. The Centre was formally digitally launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019 from Sher-e-Kashmir International Convention Centre, Srinagar. The PDUIIC supports Industry academia collaborations for Innovative ideas and for developing Prototypes/Product Development/Start-up's in thematic areas of Agricultural Sciences, Business Management, Engineering, AI, IOT & Robotics, Life Sciences, Pharmaceutical Sciences, Physical Sciences, Medical Sciences & Yoga Sciences for the benefit of the Society., researchers get the

opportunity of incubating the novel ideas, developing prototype and devices.

File Description	Documents
Upload relevant supporting document	View File

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

135

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

135

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

32

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 1. Inclusion of research ethics in the research methodology course work	A. All of the above

2. **Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
3. **Plagiarism check**
4. **Research Advisory Committee**

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)
Upload relevant supporting document	[View File](#)

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

6

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

149

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

947

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

166

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	**A. Any 5 or all of the above**

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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
591	**555**

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

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
591	**555**

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

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 h-index of the University has gone up to 100 at present with more than 3000 publications and citations reaching nearly 60000 as per Scopus .Department of Bio and Nano Technology has received PG Teaching grant from DBT, Government of India and DST-Nano Mission and BIF grant DBT Govt. of India. TEQIP Scheme of World Bank has funded the University thrice. Dr. B.R. Ambedkar Library along with Facility for detection and check of Plagiarism by using "Turnitin" an Anti- Plagiarism Software. A state of the art Dr. A.P.J Abdul Kalam Central Instrumentation Laboratory has been established, well supported by RUSA and PURSE grant with high end research equipment's including FE-SEM, NMR, LC-MS, MPAES, UHPLC, DSC, XRD, Raman spectrophotometer, UV-VIS-NIR spectroscopy and Rheometer. The University sanctioned Rs. 50 crores under RUSA-II MHRD for research and innovation and to promote technological development, inter-disciplinary research and industry-academia

linkages. The Centre was formally Digitally Launched by the Hon'ble Prime Minister Sh. Narender Modi Ji on 3rd February, 2019. i. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and has executed 42 MoUs.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

128.81

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

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. GJUST has seven NSS units in the campus to uphold and promote the values of communal harmony, patriotism and national integration among students and community members. Seven days village camps and blood donation camps are the annual features of the NSS. NSS volunteers of the University are participating every year in Republic Day (RD) parade at the Janpath, New Delhi. Anupriya Dhiman, NSS volunteer led the NSS contingent in RD parade in 2018. 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. GJUST has established "Swachh Bharat Swasth Bharat" centre Under Swachh Bharat Abhiyan.The result of the activity is reflected by the 2nd position of the students in the Haryana State and awarded Rs. 50,000/- for serving in the villages. SBSB centre of GJUS&T scheduled various activities in the villages like door to door awareness campaign,

File Description	Documents
Upload relevant supporting document	View File

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

27

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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)

85

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

7367

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

518

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

40

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 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, LC MS/MS, NMR spectrometer, XRD, Raman spectrometer, FESEM-EDX, etc. The three seminar halls in the CRS auditorium have the capacity of 250, 125 and 125, respectively with all IT facilities. The University has been augmenting its physical infrastructure, IT and learning resources to keep pace with the changing technology. PDUCIC was established in 1998 to meet the computing requirements of all the students, research scholars, faculty and staff of the University. It has more than 250 networked computers with latest configuration servers, other peripherals and internet facility.

File Description	Documents
Upload relevant supporting document	[View File]()

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 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.. 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	[View File](#)

4.1.3 - Availability of general campus facilities and overall ambience

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.. 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. The University has two cafeterias with the facility of big dining hall, kitchen, store etc. Besides, there is a Shopping Centre where several facilities, such as saloon, laundry, post office, bookshop, two banks with ATM facilities, grocery shop, sweets shop, computer and photocopying facilities, etc. are available to the residents and students. University Health Centre: The University Health Centre caters to the medical needs of University Staff and students. It is spacious enough to accommodate 2 doctors' cabins, . Ambulance Service are available round the clock. Free medicines to all the employees their dependends and students. Further,

File Description	Documents
Upload relevant supporting document	[View File](#)

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

2498.34

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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. To make it accomplish, the library in its electronic repository, has the access to 8000+ e-journals from 12 publishers and 5 Databases. In addition, 18310 video Lectures of IITs through National Programme on Technology Enhanced Learning are also accessible over Campus Wide Network. Moreover, 2149 e-books of national and international repute publishers have also been added in e-repository to enrich the students. In addition to the above, to accelerate the academic activities/reading, 1.75 Lakh e-books added for students, scholars and faculty members and the link for Remote Accessing of those e-books is available at our Library Website. Moreover, library having the access of 603 e-books through Emerald insight, 21 e-books from IOP, 1525 e-books through IEEE Xplore and 7 Lakh e-books through National Digital Library of India. Besides the above, the library has signed a MoU with INFLIBNET for Shodhganga Repository which is a database of Indian theses.

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	View File

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

112.03

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

704

File Description	Documents
Upload relevant supporting document	View File

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

123

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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, etc. Online application forms for recruitment for various teaching and non teaching jobs are also invited through PDUCIC. From its very inception, the PDUCIC has effectively been performing the task of building up data processing capabilities of many branches of the University and playing a vital role in imparting intensive training from time

to time to the staff of the University. In addition, there is a full-fledged language lab prepared with Wordsworth software to enhance the language skills.Year wise Budget Allocation & Utilization on IT Infrastructure (Allocated by University) 2020-21 Budget allocation 15,00,000 Utilization 04,18,460.Allocated through RUSA Grant 2020-21 Budget allocation 1,00,000 Utilization 51,720 Bandwidth details: 100 MBPS . The training related to the use of the software is also provided by the PDUCIC. An MoU has been signed between GJUST Hisar and Chaudhary Devi Lal University Sirsa to develop admission software for them by the GJUST, Hisar and make admission for two academic years i.e. 2021-22 and 2022-23.

File Description	Documents
Upload relevant supporting document	[View File](#)

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
5981	**1395**

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

- **?1 GBPS**

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)
Upload the data template	[View File](#)

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

592.68

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 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.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 purchase policy was revised in 2020 and there was more deligation of financial powers to the faculty members and other University officials.For mainaiting the major equipments in the University, Annual Maintenace Contract has been made. Dr. B.R. Ambedkar Library is utilized by the students and faculty members of the University. During examination days the 'Reading Hall' is opened 24x7. Ch. Ranbir Singh Auditorium is jewel of the buildings in the University. It has three seminar halls also with all state of art facilities. The various cultural and academic activities are organized in this auditorium by the students, research scholars, faculty members of the University.

File Description	Documents
Upload relevant supporting document	View File

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)

484

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

1527

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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	View File
Upload relevant supporting document	View File

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	[View File](#)

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

108

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

1082

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

340

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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

`10`

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 extra-curricular activities.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 a handling group and Social Media group.

File Description	Documents
Upload relevant supporting document	View File

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

86

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

The alumni association of the University is looked after by the department of Alumni Relations headed by its Dean. The alumni association has an executive council. 1. President: Vice-Chancellor 2. Vice-President Ms. Sumedha Kataria, Retd. IAS 3. Secretary: Prof. Rajesh Kumar Lohchab 4. Joint Secretary-cum-Treasurer: Prof. Rakesh Behmani Members of Executive Council 1. Mr. Aditya Ranoliya, CEO, Admake India Media Pvt. Ltd. 2. Er. Vijay Singh, Sr. Manager, Jindal Stainless, Hisar. 3. Dr. S.D. Attri, IMD, New Delhi. 4. Mr. Anand Kumar, Member, HPSCPanchkula, 5. Mr. Anand Gupta, M. D Gupta Oxygen, Pvt. Ltd. 6. Dr. Pawan Kachoria, Clinical Psychologist, Brain and Body Analysis. 7. Sh. Mukesh Kumar, 8. Prof. Neeraj Dilbaghi9. Prof. Sandeep Rana, 10. Mr. Partap Malik,11. Dr. Mohit,. The Alumni Affairs Relations office has undertaken Grooming the students for availing better placement opportunities. The Association and till date have received an amount of Rs.30,61,936/-(Thirty Lacs Sixty One thousand Nine Hundred and Thirty Six only). The registered alumni are being issued Privilege Card which can be used by them for availing certain specified University facilities. The following students have been granted free-ship amounting Rs. 5,10,660/- from Alumni Fund during the period November 28, 2017 to March 30, 2021

File Description	Documents
Upload relevant supporting document	View File

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

File Description	Documents
Upload relevant supporting document	View File

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

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.

Governor of Haryana is the ex-officio Chancellor and the Head of the University.

Vice-Chancellor, as a whole time Principal Executive and Academic Officer of the University, translates the decisions of all the University authorities into action, and facilitates interactive and participative teaching learning in a very congenial and harmonious academic environment to induce the culture of excellence.

Registrar is the Chief Administrative Officer of the University. The Dean, Academic Affairs oversees the academic matters of the University. The Dean Research oversees the research matters of the University.

File Description	Documents
Upload relevant supporting document	[View File](#)

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. The inputs of these committees are taken up in the BoSR for consideration and recommendation of changes.

File Description	Documents
Upload relevant supporting document	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

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. . These initiatives include computerization of accounting and examination systems, provision of library e-services establishment besides upgradation of PDUCIC. The University Library is fully automated in its functioning using LibSys software. The data are digitally generated and stored in the library systems. The admission process of the University is also computerized. The students are required to fill the information in the OMR Sheet, which is used by registration branch to create and maintain the data bank of the students. Online tests for admissions to various programmes in the State are also facilitated by the PDUCIC. In addition, it also takes

care of the Internet facility and online research journals. The University has earned a revenue of Rs. 1,18,00,000/-by developing a software for Chaudhary Devi Lal University, Sirsa, Haryana.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 Page 101/138 25-03-2022 08:27:06 Self Study Report of GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

4. The Finance Committee

5. The Faculties

6. The Planning Board

7 The Faculties There are 10 faculties in the University comprising 24 Departments.

8 Board of Studies and Research Every department has a 'Board of studies and Research'. The University promptly attends to the general grievances and women's grievances through: 1. Grievance redressal Cell exists to redress the complaints of the students particularly pertaining to the results, registration and scholarship branches, Colleges and Hostels. 2. There is a committee to check Menace of Sexual Harassment and Violence against Women. 3. A committee is constituted every year to resolve the problems/grievances of the students

regarding admission.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 1. Administration 2. Finance and Accounts 3. Student Admission and Support 4. Examination	**A. All of the above**

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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 Non teaching 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. 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 non teaching staff in addition to compulsory computer training various types of short term skill up-gradation programmes and lectures are arranged frequently. The family of the deceased employee is accomodated in the campus. The University is very liberal in giving advances in case of any medical emergency to any

employee. Almost 40% of the employees are residing in the University Campus.

File Description	Documents
Upload relevant supporting document	View File

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

15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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

16

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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)

490

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

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 constituted Investment Committee decides and recommends the investment of funds of Pension, Provident Fund etc. The University has a defined purchase policy.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

227.38

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

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	View File
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. 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.

File Description	Documents
Upload relevant supporting document	View File

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

The IQAC of the University is actively working in universioty institutionalizing the quality assurance strategies and processes periodically. IQAC has organized various workshops/ webinars regarding New Education Policy, Outcome based

Education and for institutions of Higher Learning for NAAC accreditation. IQAC organized one-day workshop on "Outcome Based Education" on 17.11.2021 in association with the HRDC. All Deans, Directors, Chairpersons, Faculty Members, Research Scholars and Non-Teaching Staff members took part into this. IQAC has taken initiatives for the implementation of National Education Policy 2020 in the University. Recently, IQAC has designed and improved the Academic Audit and methodology proforma.. As a result of this resolution, LOCF/OBE based system has been introduced in all AICTE approved programmes of the University. In the 9th meeting of IQAC, it was also resolved that Administrative Audit for All the Branches, University Library, Directorate of Sports,Health Centre andDistance Education should also be introduced in the University. The proforma for the Administrate Audit has been designed and implemented in the University. In this meeting GJUST resolved that Energy Audit, Green Audit and Environmental Audit should also be carried out in the University. This has been implemented in the University Green Audit and Environment Audit, Energy Audit have been carried out.

File Description	Documents
Upload relevant supporting document	[View File]()

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	[View File]()
Upload relevant supporting documment	[View File]()

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)

The GJUST has made incremental improvement in academic and administrative domains during the years by taking post accreditation quality initiatives.

Complete independent portal for Online admission of new students from Registration to Roll No. generation, Change of study Centre, readmission for Distance Education Support Cell (DESC).

Online month-wise submission of attendance of University GATE & GPAT students for their scholarship on the web-portal of AICTE.

Complaint portal has been developed to register the online complaints by the students regarding the Caste Based Discrimination.

Fully cash less system was adopted in the University for every Payment and deposits.

The facilities for differently abled students have been enhanced. Disability resource Centre has been established in University as per AICTE directive and a ramp has been constructed in University Library building out of RUSA grant. Centre for Industry-Institution Partnership Cell and Career Counselling Cell have been established. IQAC meeting resolved that University should also apply for NBA accreditation for management programme. Feedback about teaching, academic and administrative support has been included. The Research Promotion Board has been constituted in the University. The University has also Innovation and Incubation centre providing a platform to the young innovators for achieving their goal towards self-realisation by strengthening Technology Start-ups in selective areas of National concern

File Description	Documents
Upload relevant supporting document	[View File]

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. 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 are 04 hostels for girl students and in addition to this one hostel is exclusively for Ph.D. research scholar and Working Women in the University. Self Study Report of surveillance. The University has day care centre for the children of the University employees. University has active women cell which undertakes various activities for the welfare of women. The matters related to sexual harassment are dealt by an Internal Complaint Committee constituted according to the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. The University has been organizing varied academic, technical, medical, cultural and social events intending to make women self-reliant and economically independent. Gender sensitization workshops and seminars for the benefit of women are the regular features. International women's day is celebrated in the University every year on women related social, financial and legal themes

File Description	Documents
Upload relevant supporting document	[View File]()
Annual gender sensitization action plan(s)	[https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103188/7.1.1_1647513746_6711.pdf]()
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	[A to D]()

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	[View File]()

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. A. 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. University has its own E-Waste policy in collaboration with HARTRON as per policy of State Government circulated by Secretariat for Information Technology vide letter no 03/20/2000/3SIT/2242, dated 28/3/2011. University has also initiated process of disposing off computers and its allied items for VC Office, Registrar office, Physics, CSE, BME, Mathematics Department, CIL, Mathematics, Academic Branch, General Branch, UCIC, University Library and Accounts Branch. Other Page 118/138 25-03-2022 08:27:18

File Description	Documents
Upload relevant supporting document	[View File](#)

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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	[View File](#)

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	**A. Any 4 or all of the above**

copies of reading materials, screen reading, etc.

File Description	Documents
Upload relevant supporting document	[View File](#)

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)

The University pay close attention on hiring and assessing talent at each step. The university also ensures that there is fair representation of employees/staff from neighbouring states. The university to ensure geographic and socio-economic diversity 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. One supernumerary seat is reserved for north-eastern candidates/ Ward of deceased of COVID-19, wards of Kashmiri Migrants and few seats are reserved for Foreign Nationals in each programme. The Directorate of Youth Welfare of the university organizes youth festival every year with the objective to bring together the youth from different colleges/institutions. T NSS unit of the university regularly organizes various programmes to showcase unity in diversity like NSS unit of the University & Nehru Yuva Kendra Sangthan (NYKS), Hisar. The university is also an ambassador of Swachh Bharat Abhiyan. GJUST has adopted five villages, namely Saatrod Kalan, Behbalpur, Mirjapur, Deva, Nanghtala. The cell regularly visits the villages and run door to door awareness campaigns on cleanliness, solid waste management /sanitation/ hygiene/ organic waste/ hand wash/ plastic free.

File Description	Documents
Upload relevant supporting document	[View File](#)

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 university incessantly sensitize its students and employees to the constitutional obligations: values, rights, duties and

responsibilities of citizens through various activities. The University has organized District Youth Parliament on 25 January, a workshop on human rights on 25 March, 2021To spread awareness about the harmful effect of drugs, the University has launched "Drug Free India" campaign from its premises on 19th February, Sh. Narender Modi, Hon`ble Prime Minister, Govt. of Hrayana addressed the programme through video conferencing in the presence of Sh. Manohar Lal, Hon`ble Chief Minister, Govt. of Hrayana and Gurudev Sri Sri Ravi Shankar Ji. During this State event, The Twenty-Nine Commandments became the Bible for human growth and conservation of biodiversity and speaks about the importance of values in one's life. To inculcate spiritual values, the Guru Jambheshwar Ji Maharaj Institute of Religious Studies organizes Hawan on the occasion of the birthday of Guru Jambheshwar Ji Maharaj to spread his teachings and they also celebrate Geeta Jayanti.

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. . The Parade, various competitions and cultural program enthralls the audience. Being a technical University, National Technology Day is celebrated also on 11th May regularly. To commemorate Cervical Health Awareness Month all over the world, health department of the university has organized "University Employees Fitness and Wellness Talk' on 28th January, 2020. International Mother Language Day is celebrated on 21st

February to promote linguistic and cultural diversity and multilingualism. 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. The World Food Day is an international day celebrated every year by the Department of Food Technology on 16th October. GJUST organizes red ribbon campaign on the occasion of World Aids Day through NSS. Besides this university also celebrates major festivals of India like Deepawali, Holi, Janmashtami, etc. The university has mentioned all the events in the academic calendar which is displayed on its website.

File Description	Documents
Upload relevant supporting document	[View File](#)

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: The PDUIIC aims to build and share resources including space and infrastructure, access to business support services, mentoring, training programs to enhance the skills of entrepreneurs and seed funds.

BEST PRACTICE II 1. Title of the Practice: SUSTAINING GREEN CAMPUS THROUGH SCIENTIFIC AND ECO-FRIENDLY INTERVENTIONS 2. Objectives of the Practice A Green Campus is a place where environment friendly practices and education combine to promote sustainable and eco-friendly practices. The University hasbeen established on the principles of 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.

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 norms remain 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.University has active women cell which undertakes various activities for the welfare of women. T National Service Scheme continuously organizes workshops, programmes for different sections of the society and women related issues are always given more priority. To name a few: 1. Panel Discussion on health and well-being of women. 2. The university in collaboration with Municipal Corporation, Hisar celebrated international women day on 8th March, 2021 for the cleanliness workers and disabled workers of the corporation. 3.International women day celebrated by NSS on 8th March, 2021.

7.3.2 - Plan of action for the next academic year

FUTURE PLAN FOR THE 2021-22

1. The research laboratories in the department of Chemistry and all other departmental laboratories be constructed with all safety measures.
2. Periodically department wise workshops on students counselling be organized.
3. Psychological Counsellor should be engaged for psychological counselling of the students, staff etc.
4. Arrangement for the disposal of hazardous chemicals from various departments be made on the priority basis.
5. As the number of students have been increased the sports facilities in the sports complex should also be strengthened.
6. Doorstep services should be started be the University Health Centre.
7. 24x7 University Ambulance Service be available for all stakeholders in the University.
8. New Hostels for Boys/Girls be constructed.
9. E-Vehicles should be purchased/engaged in the University Campus.
10. Department of Computer Science and Engineering has large number of students, therefore, appropriate extension of Teaching Block -6 be made.
11. Arrangements be made to provide building to newly started courses/streams/departments such as:

1. Civil Eng. Dept.
2. Lecture halls/labs for Physiotherapy Dept.
3. Shed for Yoga Dept.
4. Department of Economics and Data Processing.
5. Hostel for International students.

1. Reviewed Board policies and programmes for growth and development of the University along with measures for the improvement and development of the University for future.