SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Guru Jambheshwar University of Science and Technology started its journey on November 1, 1995 at Hisar, Haryana to impart education on the frontiers of Science, Technology, Pharmacy, Environmental Studies, Non-conventional Energy Sources, Mass Media and Management Studies etc. Today, the University is rock standing on 372 acres of lush green campus with 13 academic blocks housing 59 UG and PG, Dual Degree , PG Diploma Programmes and Ph.D. Programmes in 20 subjects. There are 24 Teaching Departments classified in 10 Faculties.

The University has been thrice accredited with 'A' Grade since 2002 by NAAC upto 09.12.2021. In NIRF 2021 rankings, we have been ranked at 88th and 27th in University and Pharmacy category respectively. In Atal Ranking of Institution of Innovation and Achievement (ARIIA 2020), we have been ranked between 6-25 Band-A.

In the Times Higher Education World University Rankings 2022 the University has been ranked between 1001-1200 rank-band in the University category; 601-800 rank band in the 'Physical Science' subject category; 351-100 in Young University category. The UI Green Metric World's Most Sustainable UI Green Metric World University Rankings 2021 by the Universitas Indonesia, Jakarta, Indonesia has ranked the University 18th in India and 494th in the world.

The University has a blend of 348 young and experienced faculty with 87 Professors.

It has also been sanctioned Rs.50.00 Crore from RUSA 2.0 out of which Rs. 7.50 crores have been received by the University which have partly been utilized for establishment of Pt. Deen Dayal Upadhyaya Innovation and Incubation Centre. A grant of Rs.27.86 Crore has also been received through TEQIP-World Bank. More than eight departments have been awarded the SAP-DRS projects by UGC while three departments have been awarded FIST grant of Rs. 10.25 Crore from DST. The University has been granted Rs.19.46

Crore for infrastructure development & Rs.1.0 Crore for HRDC under RUSA-I.

The faculty have published more than 3000 research papers in Scopus with reaching about 60000 citations. The h-Index has reached 100. The University have completed nine GIAN Projects and applied for 16 more projects.

Vision

To develop the University as a Centre of Excellence for the quality teaching, research and extension services to produce the dynamic and the knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society.

Mission

The University aspires to be a globally recognized Centre of excellence in the field of technical education and research. It strives to achieve this by introducing innovative job oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional ethical, social and environmental issues.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. **A Pollution free campus with 70% green coverage area following the principles of Guru Jambheshwar Ji Maharaj.**

2. **Ranking in NIRF, Times Higher Education, UI Green Metric World University.**

3. **Curriculum as per local, regional, national and global requirements along with model curriculum designed by regulatory bodies such as UGC, AICTE and PCI, HSCP.**

4. **Involvement of stakeholders from industry, alumni and academician from premier institutions.**

5. **A blend of experienced and young faculty well acquainted with the usage of ICT.**

6. **University is oriented toward research through financial support from state/centre funding agencies including DST-PURSE, DST-FIST, DBT, UGC-SAP, DRDO, BRNS, and Ministry of Food Processing and Department of Atomic Energy.**

7. **Publications 3210 in SCOPUS, h-index = 100 (Scopus); citation reaching about 60000 (SCOPUS).**

8. **Dr. APJ Abdul Kalam Central Instrumentation Laboratory with sophisticated instruments viz. LC-MS/MS, FESEM-EDX, NMR, Raman Spectrometer, X-ray Diffractometer etc.**

9. **Research facilities upgraded from RUSA Grant in University Teaching Departments.**

10. **Sufficient national and international MOU`s for academic and research collaborations.**

11. **A spacious and automated Dr. BR Ambedkar Library with LMS KOHA with e-resources and hard copies with easy access to the students.**

12. **The University is having 1 GBPS link through NMEICT/NKN to provide internet facilities to faculty members, staff, research scholars and**

students 24x7. 100 MBPS leased line has also been provided for the purpose of redundancy.

13. Automation process at each step viz. admission, registration, results, salary student and staff support system.

14. Excellent indoor and outdoor sports facilities.

15. Value based education through twenty nine principles of humanity.

Institutional Weakness

1. Need to cater international diversity.

2. Exchange programs for students and faculty.

3. International exposure of faculty and students.

4. Lack of student diversity due to State policy.

5. Academic industry linkages with Multi-National Companies.

6. Non-Government research funding.

Institutional Opportunity

1. Implementation of NEP-2020 in its under lined spirit.

2. With the arrival of International Airport in the local city, increase in global employability.

3. Scope for professional consultancies.

4. International collaborative research projects.

5. Catering the alarming expectation of student clientele.

6. Improving national and international rankings further, strengthening

360° feedback system with all state holders.

7. **National priority for Research, Development and Industry.**

8. **Introduction of innovative programs on emerging thrust areas in line with industry 5.0 requirements.**

9. **National thrust on extension services.**

10. **Augmenting employability index *vis. a vis.* inculcating technical and soft skills amongst the graduates.**

11. **Developing leadership qualities in the students.**

12. **Global collaborations for research and education projects.**

13. **Expanding the resource base through exploitation of the schemes / projects of Government and Non-Government funding agencies.**

14. **To elevate the academic excellence of the University to a world class institution.**

15. **To impart spritual education in the light of NEP-2020.**

Institutional Challenge

1. **Dwindling Government grants.**

2. **Pressure to become self-sustainable.**

3. **Contractual appointment system.**

4. **Multi layered processes and control system in governance.**

5. **Aspiration of the students and their potential employers.**

6. **Student progression and employment.**

7. **Individual-centric for resource mobilization.**

8. **Global competition.**

9. Hiring manpower for academic, administrative and technical work.

10. Patent earning level of research.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

GJUST offers 59 UG and PG programmes and 20 Ph.D programmes in the disciplines of Engineering, Science, Management, Pharmacy, Humanities and Commerce. The academic programmes offered by GJUST are designed and developed to fulfil the vision and mission of the University. The curriculum covers the prime needs such as Employability, Human Resource Development and contributions to Social Development and National Economy. Another major area of focus is development of high-skilled human resources to meet future global challenges successfully. Introduction of Choice Based Credit System (CBCS) in academic programmes of the University has offered more academic flexibility. A regular modification in syllabus of all the programmes has been done in the last five years. Almost 100% of the designed programmes are in sync with the Global, National and local needs of employability and entrepreneurship. The curriculum principally aims at the holistic development of students. In order to achieve this a provision is made for additional courses and activities not directly linked to one's discipline of study. These courses sensitize students to cross-cutting issues like Environment and Sustainability, Human values, Gender issues etc. The syllabi are revised from time to time based on current global trends and also stake-holders feed-back. A wide range of value-added events are conducted for all disciplines.

Teaching-learning and Evaluation

GJUST offers wide range of professional, and job-oriented programmes and consistently endeavors to improve and strengthen the system and procedures related to Teaching Learning and Evaluation. The major initiatives include introduction of CBCS, examination reforms including IT integration and continuous internal assessment system, launching learning management systems etc. GJUST organizes orientation programmes for newly admitted

students to acclimatize them to the environment. University assesses the learning levels of the students, after admission and organizes special programmes for advanced learners and slow learners and for this purpose, faculty mentors provide their mentees one to one counseling on improvement areas to slow learners. University has a resource of experienced and well qualified teaching faculties to impart better academic and research training to the students. University teachers tend to equip themselves with latest knowledge through various online and offline resources for development of better teaching learning outcome. Active and Reflective modes of learning are implemented at GJUST. Student-Centric methods such as Learning Management System (LMS) and e-Learning resources are implemented. All the programmes offered by the University have clearly defined POs, PSOs and COs. The outcomes are assessed through direct and indirect methods. Afully automated examination system employs some modern evaluation methods and rubrics. The quality of the teaching-learning process is assessed through student satisfaction survey. University`s quality initiatives has attracted quality students in various programmes which in turn has significantly improved, student demand ratio, pass percentage of students and minimal dropout rate. University has maintained student's diversity, adhering to government reservation policy.

Research, Innovations and Extension

Research has been the prime focus of GJUST. The institution is committed to transferring empirical knowledge to applicable reliable practices, replacing individual brilliance with collective, corroborative and societal utility. The University has identified the necessary infrastructural and intellectual resources for Academic Research, Sponsored Research, Consultancy and Extension. University is having state of the art academic and research facilities, financial support system to promote advanced research. In the last five years, 136 research projects worth Rs. 33.78 crores were funded by government and non-government agencies. In line 10 University Teaching Departments have received financial grant under the UGC-SAP, DST-FIST, DST-PURSE, TEQIP etc. Publications have taken a quantum step towards quality improvement after specifications regarding Scopus-Indexed journals. Substantial increase in publication is noticed with an h-index of 50 (SCOPUS)

calculated for last five years. 442 books/ books chapters/ proceedings are published since last accreditation. About 300 JRFs, SRFs, Research, Associates and Project Fellows have been enrolled in the University in the last five years. GJUST has established an ecosystem to promote innovations including a Centre for Innovation, Incubation and Entrepreneurship development leading to start-ups in different disciplines. The University has a "Research Promotion Board" and "Code of Ethics for Academic Integrity and Plagiarism" to promote research and to check malpractices and Plagiarism. Centre of Industry Institute Partnership (*CIIP*) of the University conducted several workshops and sensitization programmes on IPR issues and Industry-Academia Innovative practices and enabled the faculty members to fetch 21 Patents. The University promotes collaborative research activities and in this direction more than 1600 research activities have been performed. The University has also linkages with more than 100 institutions and industries for research, internship, field trip, on-the-job training, research, etc. There are 42 MoUs with institutions of national, international importance, other Universities, industries and corporate houses etc. University is actively engaged in outreach activities and organized a large number of extension cum outreach programmes in collaboration with industry, community and Non-Government Organizations.

Infrastructure and Learning Resources

The campus is spread over an area of 372 acres with a built up area of 182169 sq. meters. All the organizational units of GJUST are located in 8 blocks. There are 13 academic blocks to accommodate University Teaching Departments. The growth of infrastructure keeps pace with academic developments for effective and efficient conduct of academic programmes.

GJUST has a well-organized maintenance department to implement Maintenance and Management System. A handsome budget is allocated for augmentation of infrastructure.

A healthy body ensures a healthy mind, GJUST encourages student participation in various sports and games and all necessary facilities are provided, for example, Shooting Range, Karate Rink, Lawn Tennis court etc. The three-floored Central library is fully automated with all basic facilities of

reprography, e-access, and internet facilities etc. The library in its electronic repository, has the access to 8000+ e-journals from 12 publishers and 5 Databases. Remote access to e-resources is provided.

To help students to explore the instinctive, intuitive and creative energies of students GJUST provides a platform through Directorate of Youth Welfare in Chaudhary Ranbir Singh Auditorium, where numerous cultural activities are organized.

The University has a policy to establish and enhance IT facilities to promote vertical and horizontal mobility for research and advancement in teaching and learning methods. A centralized server is operational 24/7 to provide uninterrupted IT services with a bandwidth of internet connectivity of 1 GBPS. The University has an air conditioned Pt. Deendayal Upadhyaya Computer & Informatics Centre (PDUCIC). It consists of 6 laboratories with more than 250 desktop computers connected through LAN, including a Language Laboratory.

A state of art Dr. APJ Abdul Kalam Central Instrumentation Laboratory has been established in a two storey building. It houses research equipment's namely FE-SEM, NMR, LC-MS/MS, MPAES, UHPLC, DSC, X-Ray Diffractometer, Raman spectrometer, UV-VIS-NIR spectrometer and Rheometer.

Student Support and Progression

The University has well established Department of Students Welfare and Directorate of Sports for holistic development of students through engaging them in cultural and sport activities. Welfare measures such as scholarship, fee-waivers etc., are provided by the University in addition to government scholarships. University has an effective, unbiased grievance redressal system to have check on unethical, unhealthy and unprofessional activities in the campus and it takes timely redressal of student grievances and also sexual harassment. Woman security personnels are appointed to attend exclusively to the specific problems of girl students.

The International Students' Cell has been established by GJUST. It caters to the requirements of foreign students seeking admissions and pursuing

academics at GJUST.

A number of capability enhancement schemes such as competitive examinations, career counselling, remedial coaching, communication and soft-skills training etc., have been meticulously designed by the Training and Placement Cell of the University. These efforts have resulted in 21% students progressing to higher education and more than 30% students to placements during the assessment years. University has offered various capabilities enhancement schemes for personal, interpersonal and professional development of the students for better job opportunities.

The University promotes active participation of students in academics, research, extension and social and cultural activities. Student representatives are made members of various bodies, committees and councils of the University, such as Cultural Council, Internal Complaints Committee, Anti Eve-Easing Committee, Anti Ragging Committee etc.

Alumni are asset to an institution, accordingly University nurtures the alumni by organizing annually alumni meet to facilitate them to take active part in the growth and development of the University through financial and non-financial means.

Governance, Leadership and Management

GJUST has a well-defined transparent organizational structure. The University follows decentralized and participative management approach in all kinds of academic and administrative activities governed by the Act, Statute`s and Ordinances. The structure of Governance facilitates transparency in hierarchy, decision making and implementation of programmes policies and practices. The Academic, Executive, Research, IQAC and Administrative wings of Governance have well-designed structure supported by a number of committees, forums and governing bodies. The existing governance helped in establishing clear-cut policies, practices and outcomes as part of perspective planning based on which strategy development and deployment process are initiated. The governance structure supports a culture of involving members of faculty at all levels of decision-making and implementation. Thus the various levels of good governance provide scope for

participative and productive involvement of various key stakeholders of the institution.

The HRDC is established for competency enhancement of Faculty and Staff through Professional Development Programmes. Faculty is provided with financial support to attend conferences. A transparent self-appraisal format separately for teaching and non-teaching staff is developed. GJUST has established procedures and processes for planning allocation and optimum utilization of financial resources. Strategies for expanding consultancy base, government grants, for mobilization of resources is developed. The University accounts are subjected to internal and external audit.

IQAC developed quality management strategies in all academic and administrative aspects. These initiatives include designing and implementation of Academic and Administrative Audit, Accreditation and Certification and participation in all rankings like NIRF, Times Higher Education World University Rankings, India Today-MDRA, UI Green Metric World's Most Sustainable University Rankings by Jakarta, Indonesia etc.

Institutional Values and Best Practices

GJUST core values are aligned to its mission and vision and are reflected in the curricular and professional growth of the GJUST fraternity. The University functions to promote humanitarian, moral, nationalistic, gender-equity, socially-inclusive, environmental consciousness, and scientific and modern outlook related values. Equity as its premier value and a Women's Forum as its mouthpiece, the University promotes gender sensitivity among all stakeholders.

The University encourages advancement of knowledge through research-based activities by providing University research grants, supporting initiatives through state-of-the-art infrastructure, and excellent research laboratory facilities.

GJUST has undergone Environment and Green Audit. The focus is on Renewable energy, Waste management, and Rain water Harvesting and Green practices. The aim is to develop awareness of Environmental issues and Sustainability. This translated into a healthy increase in reliance on Renewable

energy sources. GJUST builds a safe, healthy and sustainable environment among students, and faculty, such as eco-friendly, pollution-free environment, that facilitates smooth knowledge transfer, and inspires intellectual and creative enterprise. University inculcates societal values among students by engaging them in the activities organized by National Service Scheme. The University has adopted five villages for community development purpose as part of University outreach. Lack of connectivity and lack of industries in the vicinity are major disadvantages. These are partially alleviated through extension and outreach programmes.

The core values and the developments stated above are displayed on the University website. Academic, administration and financial information is updated on the University website. To promote a cosmopolitan culture, the University observes National festivals and birth/death anniversaries of great Indian personalities.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Address	Sirsa Delhi Bye Pass Road, Hisar
City	Hisar
State	Haryana
Pin	125001
Website	WWW.GJUST.AC.IN

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Vice Chancellor	B.r. Kamboj	01662-263101	9315812433	01662-276240	iqacellgjust@gmail.com
IQAC / CIQA coordinator	Ashish Agarwal	01662-263512	9416672988	01662-276025	agarwal@gjust.org

Nature of University	
Nature of University	State University

Type of University	
Type of University	Affiliating

Establishment Details	
Establishment Date of the University	20-10-1995
Status Prior to Establishment,If applicable	Other
Establishment Date	28-12-1992
Any Other, Please Specify	Regional Centre of K U KURUKSHETRA

Recognition Details			
Date of Recognition as a University by UGC or Any Other National Agency :			
Under Section	**Date**	**View Document**	
2f of UGC	07-02-1997	[View Document](#)	
12B of UGC	07-02-1997	[View Document](#)	

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**	**Programmes Offered**	**Date of Establishment**	**Date of Recognition by UGC/MHRD**
Main campus	Sirsa Delhi Bye Pass Road, Hisar	Urban	372	182169	UG, PG, Dual Degree, PG Diploma, Certificate and Ph.D etc.		

2.2 ACADEMIC INFORMATION

Affiliated Institutions to the University

Type of Colleges	Permanent	Temporary	Total
Education/Teachers Training	1	10	11
Universal/Common to All Disciplines	1	25	26

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	37
Colleges Under 2(f)	1
Colleges Under 2(f) and 12B	11
NAAC Accredited Colleges	11
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	14
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)		: Yes
SRA program	Document	
AICTE	103188_6711_1_1637660011.pdf	
PCI	103188_6711_6_1637220125.pdf	
DEB-UGC	103188_6711_21_1642480605.pdf	

Details Of Teaching & Non-Teaching Staff Of University

	Teaching Faculty											
	Professor				**Associate Professor**				**Assistant Professor**			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned				116				84				109
Recruited	66	22	0	88	18	11	0	29	52	29	0	81
Yet to Recruit				28				55				28
On Contract	0	0	0	0	0	0	0	0	75	75	0	150

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				476
Recruited	306	79	0	385
Yet to Recruit				91
On Contract	447	93	0	540

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned				190
Recruited	152	20	0	172
Yet to Recruit				18
On Contract	62	30	0	92

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	66	22	0	18	11	0	45	24	0	186
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	26	13	0	39
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	33	37	0	70
M.Phil.	0	0	0	0	0	0	2	0	0	2
PG	0	0	0	0	0	0	35	43	0	78
UG	0	0	0	0	0	0	0	0	0	0

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

Distinguished Academicians Appointed As

	Male	**Female**	**Others**	**Total**
Emeritus Professor	0	0	0	0
Adjunct Professor	0	0	0	0
Visiting Professor	0	0	0	0

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Guru Jambheshwar Ji Maharaj Institute of Religious Studies	GURU JAMBHESHWAR JI MAHARAJ	GJUST HISAR

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	2124	252	0	4	2380
	Female	778	53	1	1	833
	Others	0	0	0	0	0
PG	Male	715	34	0	0	749
	Female	1280	43	0	0	1323
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	23	1	0	0	24
	Female	22	0	0	0	22
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	275	3	0	21	299
	Female	584	7	0	0	591
	Others	0	0	0	0	0

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	4

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	218	0	0	0	218
Female	511	0	0	0	511
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	27-03-2009
Number of UGC Orientation Programmes	16
Number of UGC Refresher Course	23
Number of University's own Programmes	8
Total Number of Programmes Conducted (last five years)	47

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
Cycle 1	Accreditation	A	85	NAAC PEER TEAM REPORT 2002.pdf
Cycle 2	Accreditation	A	3.26	NAAC PEER TEAM REPORT 2009.pdf
Cycle 3	Accreditation	A	3.28	NAAC PEER TEAM REPORT 2014.pdf

2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

Department Name	Upload Report
Applied Psychology	[View Document](#)
Bio And Nano Technology	[View Document](#)
Chemistry	[View Document](#)
Civil Engineering	[View Document](#)
Communication Management And Technology	[View Document](#)
Computer Science And Engineering	[View Document](#)
Data Science	[View Document](#)
Directorate Of Distance Education	[View Document](#)
Economics	[View Document](#)
Electrical Engineering	[View Document](#)
Electronics And Communication Engineering	[View Document](#)
Emerging Technology	[View Document](#)
English	[View Document](#)
Environmental Science And Engineering	[View Document](#)
Food Technology	[View Document](#)
G J J M I Religious Studies	[View Document](#)
Haryana School Of Business	[View Document](#)
Hindi	[View Document](#)
Mathematics	[View Document](#)
Mechanical Engineering	[View Document](#)
Pharmaceutical Sciences	[View Document](#)
Physics	[View Document](#)
Physiotherapy	[View Document](#)
Printing Technology	[View Document](#)

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	a) The vision of the university is to develop itself as a holistic multidisciplinary institution. The university is already a multidisciplinary institution and it has

established many multidisciplinary centres including Centre of Radio Ecology, Bio & Nano Technology Centre and Department of Emerging technology. A state of the art Dr. APJ Abdul Kalam Central instrumentation Laboratory has been established from the support of RUSA and PURSE grant with high end research equipment's to promote interdisciplinary research. Further, University plans to establish Interdisciplinary Centre for Functional materials and Innovative devices under RUSA-Component 10 Grant sanctioned to the University. It offers 59 programmes in the fields of Science, Technology, Management and Humanities etc. The University has started offering M.A. Hindi, M.A. English and M.Sc. Economics from the session 2019-20 and UG and PG programmes in Psychology, and UG programme in Economics as well. b) University has adopted AICTE model Choice Based Credit System curriculum for all UG and PG programmes in engineering and technology. In AICTE approved programmes for UG and PG about 15% of the contents of the courses are from humanities stream. Courses about Indian constitution and Human values have been included in the first year of all B. Tech. programmes. Further, curriculum of all M.Tech programs have been revised w.e.f 2020-21 with the introduction of Open electives and Audit courses in an attempt to integrate humanities and science with STEM education. c) The University has implemented Choice Based Credit System in most of the programmes from the session 2007-2008 and further revised and updated recently. The University has established Universal Human Values Centre as per AICTE guidelines in the campus. Environmental education is integral part for UG/PG programmes. d) The University has implemented multidisciplinary flexible curriculum in newly launched programmes namely B.A. Mass Communication (4 years) and B. Voc. Food Processing and Engineering from the academic session 2020-21 with multiple entry and exit. The University has also introduced four Dual degree B.Sc (Hons)-M.Sc Mathematics, Physics, Chemistry and Biotechnology w.e.f 2016 on IISER pattern wherein Mathematics, Computer Science, Environment Science and Biology are mandatory for all programmes. e) The University is offering multidisciplinary research based curriculum in some of the programmes e.g. B. Tech. Mechanical

	Engineering, Food Technology and M.Sc. Biotechnology, M.Sc. Environmental Science and Engineering, B. Pharmacy and M. Pharmacy programmes where project work is included in the course of study. g) Pt. Deen Dayal Upadhyaya Incubation and Innovation Center has been set up in the University to promote technological development, 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.
2. Academic bank of credits (ABC):	2. 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.
3. 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

	2018-2021. From May 2021 onwards, Azadi Amrit Mahotsav Series event is being conducted till 15th Aug. 2022 by Speakathon Club in form of English Elocution Competition to commemorate 75 years of Indian independence by remembering the unsung heroes of Indian Freedom movement. The University is named after Great Saint Guru Jambheshwar Ji Maharaj, who envisioned in fifteenth century the need of saving nature and initiated the sect to preach and follow the path of harmonious growth with the nature. His Twenty-nine Commandments became the Bible for human growth and conservation of biodiversity. Therefore, value based education philosophy is very much embedded in the establishment of the University itself. In line with this guiding divine light, University Department of Religious Studies conducts research and comparative study of various religions Hinduism, Jainism, Buddhism, Christianity, Islam and Sikhism, Indian Culture with special reference to teachings of Guru Jambheshwar Ji Maharaj. In India, religion is a way of life. It is an integral part of the entire Indian tradition. In addition to this, a course on Universal Human Value have recently been included in B.Tech. programs of the University as mandated by AICTE. Also, the value education based courses are part of various programs of the University. Moreover, the University has also made a provision of NCC Course designed by DG-NCC, in which students can opt for NCC courses as optional course to earn separate certificate of 24 credits.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	?. ?????? ????? ??????, ??????? ???? ???????, ?????? ????, ?????, ??????? ??? ?????? ????? ?? ???? ????????? ??? ?????? ????? ?????? ?? ?????????? ???? ???? ????? ?? ?? ???? ?????? ??????? ???? ??????? ?????? ??? ??????????? ????????????? ??????? ???????? ??? 1995 ??? ??????? ?? ????????????? ?? ??????? ?????? ??????? ?????? ?????, ???????? ????-?????, ??????????, ???????, ?????? ???? ?????? ?? ????? ???? ??? ????????????? ?? ?????? ???? ??? ????? ?????? ?????? ?? ??? ??? '?????? ?????????' ?? ???? ?? ?? ????? ??????, ????????, ??????? ????? ?? ??????-?????? ?? ????? ???? ?????? ?? ?? ??? ??? 2010 ?? ?????? ?? ????? ??????????? ?? ?????????? ??? ?? ?? ???? ?????? ?? ??? ??? ?? ?? ?? ????? ??????? ????, ???????,

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

offering 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 Program

1.1

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
60	60	55	52	50

File Description	Document
Institutional data in prescribed format	[View Document](#)

1.2

Number of departments offering academic programmes

Response: 24

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5980	5296	4559	4187	3911

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
1619	1611	1574	1649	1459

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.3

Number of students appeared in the University examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5980	5296	4559	4187	3911

File Description	Document
Institutional data in prescribed format	[View Document]()

2.4

Number of revaluation applications year-wise during the last 5 years

2020-21	2019-20	2018-19	2017-18	2016-17
154	237	244	123	363

3 Teachers

3.1

Number of courses in all programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2070	2071	1840	1718	1627

File Description	Document
Institutional data in prescribed format	[View Document]()

3.2

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
348	338	351	315	252

File Description	Document
Institutional data in prescribed format	[View Document]()

3.3

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
309	309	309	274	274

File Description	Document
Institutional data in prescribed format	[View Document]

4 Institution

4.1

Number of eligible applications received for admissions to all the programs year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
10880	8770	9711	10239	9778

File Description	Document
Institutional data in prescribed format	[View Document]

4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
1310	1255	978	988	944

File Description	Document
Institutional data in prescribed format	[View Document]

4.3

Total number of classrooms and seminar halls

Response: 123

4.4

Total number of computers in the campus for academic purpose

Response: 1395

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4.5

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
3778.32	4141.62	4036.02	3187.98	2657.04

4. Quality Indicator Framework(QIF)

Criterion 1 - 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 Institution.

Response:

The curriculum design/development and its relevance to the local/national/global academic and industrial needs is of utmost importance for the teaching learning process of this institution. Hence, curricula planning, designing and its development is under continuous systematic process at the University.

The idea of launching a new Programme is conceived at the level of the concerned department through Staff Council meetings followed by a feasibility study after consulting various stake-holders such as students, alumni, faculty, industry experts, and academic quality regulatory bodies such as, UGC/AICTE/PCI. The curriculum proposed by the Staff Council is placed before Board of Studies and Research (BoSR) for further deliberations in the presence of two domain experts and a professional from the industry. BoSR recommends the syllabus to the concerned faculty and finally passed in the Academic Council Any shortcoming/suggestions in the curriculum are referred back to the lower academic bodies for further improvement.

The University updates the curricula of the various programmes in view of the national/international developments and demand of the industry. Some of the salient features of the curricula of the various programmes run by the University are listed below:

- **The curricula is in line with the requirement of various national academic quality monitoring and accreditation bodies such as AICTE, UGC , PCI, HSCP, etc. which allows students wider choices from intra-disciplinary (Core and Elective), inter-disciplinary (Open Electives).**

- **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. The curriculum for each programme has well-defined Programme Outcomes, Programme Specific Outcomes, and Course Outcomes (COs) for each individual course of the programme. The evaluation scheme and a methodology to evaluate the attainment levels of the COs/POs are also the part of curriculum.**

- **The curricula comprise internship/training/project work in organizations/industry that give students exposure to real world problem solving environment and makes them employable.**

- **The curricula places a due focus on the topics covered by national/international level examinations for higher studies/jobs.**

File Description	Document
Upload Additional information	[View Document](#)
Link for Additional information	[View Document](#)

1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

Response: 100

1.1.2.1 **How many Programmes were revised out of total number of Programmes offered during the last five years**

Response: 59

1.1.2.2 **Number of all Programmes offered by the institution during the last five years.**

Response: 59

File Description	Document
Minutes of relevant Academic Council/BOS meeting	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of Programme syllabus revision in last 5 years	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

Response: 82.35

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

2020-21	2019-20	2018-19	2017-18	2016-17
1878	1878	1211	1524	1234

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	[View Document](#)
MoU's with relevant organizations for these courses, if any	[View Document](#)
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.

Response: 100

1.2.1.1 **How many new courses were introduced within the last five years.**

Response: 2070

1.2.1.2 **Number of courses offered by the institution across all programmes during the last five years.**

Response: 2070

File Description	Document
Minutes of relevant Academic Council/BOS meeting	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).

Response: 98.33

1.2.2.1 **Number of Programmes in which CBCS / Elective course system implemented.**

Response: 59

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

The curricula for various programmes of the University cover a wide range of courses for the holistic development of students. The curricula include courses on environmental sustainability, universal human values and professional ethics, managerial skills, computer applications, etc., for providing students a 360-degree exposure for cross-cutting issues of professional and societal significance.

Environment sustainability is an issue of global prominence. Hence, a course on Environment Science/Sustainability is mandatory for all the UG programmes. The course on Environment Science, provide an understanding of our ecosystem, biodiversity, and natural resources. It makes students aware of the depleting natural resources, their cost and implications so that they appreciate and adhere to the relationship between environmental sustainability and flourishing life on earth.

The University has organized workshops on gender sensitization. These workshops have provided an essential input to identify the gender gaps, analyse the reasons for gender-specific violence in society, develop an egalitarian perspective on the socialisation of men and women, and learn how to overcome gender discrimination.

The University imparts courses on Universal Human Values and Professional Ethics, Personality Development, and Stress Management through Yoga enable students to deal with professional, spiritual, and psychological aspects of life calmly and in a peaceful and composed manner. The course on the Indian constitution is another addition in the curriculum where students realise their rights and duties being Indian citizens.

Effective communication (verbal or written) is an essential skill for every profession. The language courses on Creative Writing, Technical Writing and Effective Communication, and Scientific Communication make students learn to organise and communicate their ideas clearly and effectively. 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	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	View Document
Any additional information	View Document

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 132

1.3.2.1 **How many new value-added courses are added within the last five years.**

Response: 132

File Description	Document
Institutional data in prescribed format	View Document
Brochure or any other document relating to value added courses	View Document
Any additional information	View Document

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 67.91

1.3.3.1 **Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2571	5296	4559	2419	1517

1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 38.13

1.3.4.1 **Number of students undertaking field projects or research projects or internships.**

Response: 2280

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

1.4 Feedback System

1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni

Response: A. All 4 of the above

File Description	Document
URL for stakeholder feedback report	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	[View Document](#)

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

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

File Description	Document
URL for feedback report	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Demand Ratio (Average of last five years)

Response: 5.01

2.1.1.1 **Number of seats available year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2387	2131	1880	1754	1818

File Description	Document
Demand Ratio (Average of Last five years) based on Data Template upload the document	[View Document](#)
• Any additional information	[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

Response: 60.26

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
906	748	562	558	553

File Description	Document
Average percentage of seats filled against seats reserved (Data Template)	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

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

Response:

The students are recognized as advanced and slow learners through continuous evaluation process (sessional exams/quiz/surprise tests/open book tests/business games etc.) and also based on the performance of the students after conducting comprehensive exams.

The advanced learners are encouraged to participate in peer-learning and peer- evaluated activities to lay a foundation for self-learning. Faculty provides preparation material in advance to encourage interactive and enquiry method of learning. Faculty shares the content for the upcoming class and conduct a quiz to enhance classroom inter activity and involvement.

The following Active Learning Methods (ALMs) are employed depending on their suitability to the course:

1. **Activity based learning 2. Modelling tasks 3. Technical debates 4. Brain storming**

Remedial classwork / bridge courses are conducted. After every internal summative test, as per the need, ALMs are recommended for slow learners. General improvement initiatives are adopted to facilitate advanced learners and slow learners. Slow learners are counseled and corrective measures are taken in terms of the following:

1. **Through tutorials.**

2. **The students are counselled by the concerned 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 level**

committees to develop leadership skill

3. **To help them prepare for competitive exams like GATE, CAT, NET etc.**

File Description	Document
Upload Any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

Response: 17:1

File Description	Document
Any additional information	[View Document](#)

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

Response:

While planning the curriculum at GJUST, student-centric methods and principles of learning (Participative learning, experiential Learning and Problem Solving Methodologies) modes are given due weightage.

Participatory Learning: At GJUST, Active Learning Methods (ALMs) like Group Discussions, Workshops, Assignments, etc., help students to acquire knowledge through participation. These student-centric methods take into account the short attention span of the students. Every Programme has incorporated participative techniques which make the student to actively interact with faculty.

Experiential Learning: The students undertake lab work after completion of the relevant concepts in the classroom. The system employs various

techniques like simulations, demonstrations, case studies, hands on training etc. To evaluate students for whom participatory and experiential learning styles are the means to attain course-outcomes, a few components with major project, minor project, the term paper, internship and practice school are used.

Problem Solving Methodologies: Enhancing the problem-solving skills is attained by tutorial components/case study based learning for majority of the core courses. The tutorial sessions provide an opportunity for the students for a one-on-one interaction with the faculty and come up with better solutions for the problems.

The ALMs and tutorials are planned prior to the commencement of class work. Details of activities are provided to the students so that they have a clear vision of the course outcome. The teaching-learning process at GJUST focuses equally on Active and Reflective Learning styles with emphasis on skill development. Students registered into a course are given an opportunity to take up various active learning components. They get familiar with group activity dynamics. They are given hands on training on necessary tools/instruments that indicate their target skills. 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. The evaluation is made transparent for ALMs with specific modes of evaluation for all components involved. With the apt combination of ICT and Active Learning, the teaching at GJUST aims to be student centric, techno-savvy and transparent.

File Description	Document
Upload any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

Response:

The systematic use of ICT tools in classroom instruction makes the teaching learning process more effective and highly interactive. It has shifted the teaching –learning process from teacher – centered learning to student centered learning. At GJUST 100% teachers are using various soft wares and e-resources for conducting classes, labs, library resources. Power point presentations are very popularly used for delivering lectures. Different meeting Apps are also used for conducting online classes and meetings like Zoom meeting App and Google meeting App. Soft wares which are purchased and used by teaching departments of our University are SPSS, e-Views, AMOS, NVIVO, Smart PLS, STATA IC (HSB); MATLAB-25 Users, Words Worth Language Lab-40 Users, Zoom-20 Users (Each user capacity 300 participants) (UCIC); KOHA for Library Management (AMC), Turnitin-Anti Plagiarism Software, 18200 NTPEL structured Video Lectures over LAN, 34 TV Channels under SWAYAM Prabha Program, Member of Digital Library of India Club, 8000+ 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	Document
Upload any additional information	[View Document](#)
Provide link for webpage describing the " LMS/ Academic management system"	[View Document](#)

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 17:1

2.3.3.1 **Number of mentors**

Response: 348

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

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

Response: 108.51

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. year-wise during the last five years

Response: 70.82

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
237	233	225	218	211

File Description	Document
List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 8.95

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

Response: 3113

File Description	Document
List of Teachers including their PAN, designation, dept and experience details	View Document
Any additional information	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years

Response: 11.85

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

2020-21	2019-20	2018-19	2017-18	2016-17
03	16	06	09	04

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document

2.5 Evaluation Process and Reforms

2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

Response: 73.4

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 last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
68	85	86	51	77

File Description	Document
List of Programmes and date of last semester and date of declaration of results	[View Document](#)
Any additional information	[View Document](#)

2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

Response: 0

2.5.2.1 **Number of complaints/grievances about evaluation year wise during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of complaints and total number of students appeared year wise	[View Document](#)
Any additional information	[View Document](#)

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

Response:

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

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. On the basis of data received online in respect of subjects opted by the students, papers IDs are prepared by the Secrecy Branch for setting Question Papers and date sheet for each course by the Conduct Branch for conducting offline/online examinations.

2. **Examinations:** During the COVID-19 pandemic, the online examinations have been/are being conducted after taking option of the students (Regular/Re-appear) online on the given portals and the subjective examinations are conducted online. For this purpose, question papers, signature charts, paper wise cut lists are sent to the examination centres online.

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 awards are also taken online. The Answer Sheet has three parts i.e. A, B, and C having four bar codes for maintaining confidentiality. Published results are also available on University Website

4. **National Academic Depository (NAD):** A separate cell has been created.

5. **Re-evaluation:** Online re-evaluation forms are filled by the students and on the basis of data received online, the Answer Sheets are prepared for re-evaluation accordingly.

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	Document
Year wise number of applications, students and revaluation cases	View Document
Any additional information	View Document
Link for additional information	View Document

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

Response: 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	View Document
Current Manual of examination automation system	View Document
Any additional information	View Document
Annual reports of examination including the present status of automation	View Document

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

Response:

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

Each Engineering programme has defined 2-3 Programme Specific Outcomes (PSOs) pertaining to the discipline specific courses. The PEOs, POs, COs have also been worked out for PG courses in accordance with bloom taxonomy.

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

All the Engineering Programmes under the Faculty of Engineering and Technology and Management programmes under Haryana School of Business have designed their curricula following the OBE framework. 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. Several workshops have been conducted to make the faculty aware of the OBE, writing COs and computing attainment levels of COs and POs.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are

evaluated by the institution

Response:

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

Each course has an articulation matrix. The articulation matrix maps the COs with POs and PSOs at three/four levels. The computation of attainment level of POs and PSOs also involve two components-direct and indirect component. 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. The indirect component comes from Programme exit survey which is conducted at the end of the programme. 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	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

2.6.3 Pass Percentage of students(Data for the latest completed academic year)

Response: 72.48

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

Response: 1109

2.6.3.2 **Total number of final year students who appeared for the examination conducted by the Institution.**

Response: 1530

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document
Link fo any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.32

File Description	Document
Upload database of all currently enrolled students	View Document
Upload any additional information	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

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

Response:

The University has a dedicated team of well-qualified faculty members, engaged in teaching and research activities. The h-index of the University has gone up to 100 at present from 17 in 2009-10, with more than 3000 publications and citations reaching nearly 60000 as per Scopus Database. The University is continually updating its research infrastructure to be recognized as a Centre of excellence in the field of research. Based on h-index, the University has been sanctioned PURSE grant of Rs. 10.25 crores for research in the year 2016. Eight departmenfts of the University received the SAP-DRS projects by UGC while three departments have been awarded FIST. Besides, the 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. Faculty members have mobilized and completed projects worth more than Rs.2.5 crores during last 5 years by obtaining research grants from Board of Research In Nuclear Science (Department of Atomic Energy), MHRD, MHFW, Ministry of Defence (DRDO), DBT, DST, HSCS&T etc

A research Database Lab is established for scholars in 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 CIL has spent more than Rs.8.00 Crores in last six years on purchase of research infrastructure. The Research Promotion Board and a committee of chairpersons of Science and Engineering Departments decides and recommends the purchase of high-end facility to be created in Central Instrumentation Laboratory.

The University has also been 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 University 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 from Sher-e-Kashmir International Convention Centre, Srinagar under the scheme of RUSA 2.0, Ministry of Education (formerly MHRD), Government of India, New Delhi. The PDUIIC has already invited proposals/ideas/blueprints from young innovators, professional experts, linkage tie-ups, industry collaborators for innovative ideas and for developing prototypes from individual or groups. In PDUIIC, young innovators are availing the opportunity of incubating the novel ideas, develop prototype and devices and the Industry experts are expected to train the students to develop novel products useful for the society. The construction of a new building for PDUIIC is near completion. At present, out of 10 Innovative Projects, 06 Projects are completed and 04 Projects are ongoing and few more are under consideration.

In its efforts to promote academic & research collaboration and skill development, the university has executed 42 MoUs with University/Institution/ Industry at national and international levels during the assessment period for the promotion of inter-institutional research collaboration, faculty exchange, staff and students' training.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	[View Document](#)
Any additional information	[View Document](#)
URL of Policy document on promotion of research uploaded on website	[View Document](#)

3.1.2 The institution provides seed money to its teachers for research (average per year, INR in

Lakhs)

Response: 14.03

3.1.2.1 **The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
12.12	12.80	14.71	15.95	14.55

File Description	Document
Minutes of the relevant bodies of the University	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	[View Document](#)
Any additional information	[View Document](#)

3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 3.05

3.1.3.1 **The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
6	13	15	8	7

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the award letters of the teachers	[View Document](#)
Any additional information	[View Document](#)

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.

Response: 995

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
277	241	185	161	131

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.1.5 Institution has the following facilities to support research

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery
10. Any other facility to support research

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	[View Document](#)
Upload any additional information	[View Document](#)
Paste link of videos and geotagged photographs	[View Document](#)

3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)

Response: 41.67

3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST , DBT, ICSSR and other similar recognitions by national and international agencies.

Response: 10

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Any additional information	View Document

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 last five years (INR in Lakhs).

Response: 25

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	25	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
Any additional information	View Document

3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).

Response: 3353.68

3.2.2.1 **Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
394.41	383.39	228.18	2006.2	341.5

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of the grant award letters for research projects sponsored by government	[View Document](#)
Any additional information	[View Document](#)

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

Response: 0.69

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

Response: 136

3.2.3.2 **Number of full time teachers worked in the institution year-wise during the last five years..**

Response: 989

File Description	Document
Supporting document from Funding Agency	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Paste Link for the funding agency website	[View Document](#)

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.

Response:

Scientific research is the soul of higher education and progress in modern society that provides means and methods of resolving problems and dilemmas. 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 HRDC of University was selected among the ten HRDCs under RUSA Scheme of MHRD, Govt. of India for grant of Rs. 1 Crore. The prospective plans are to make this HRDC as a full-fledged 'Training Centre for Academia and Administration' and to transform it into 'Knowledge Disseminating and Resource Generation Centre' for the university by way of providing Training, Development and Consultancy facilities. 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 purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and others concerned with work, product, ideas and inventions created in connection with the activities of the University. It is also aimed to ensure the 'Commercial Use' of University's in-house research and technology-outcomes to the outside world.

PDUIIC was established under the scheme of RUSA 2.0, MHRD. 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. In

PDUIIC, researchers get the opportunity of incubating the novel ideas, developing prototype and devices. The specialized centres established in the areas of Bio & Nano Technology, Food Analysis, Central Instrumental laboratories (CIL) and Behavioural Research & Intervention for creation of scientific knowledge by the university faculty and researchers by way of developing innovative products and services. These centres actively help society and nation by creating innovative products and services.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR),entrepreneurship, skill development during the last five years.

Response: 271

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

2020-21	2019-20	2018-19	2017-18	2016-17
135	42	29	37	28

File Description	Document
Report of the event	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 63

3.3.3.1 **Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
21	16	09	11	06

File Description	Document
Institutional data in prescribed format	View Document
e- copies of award letters	View Document
Any additional information	View Document

3.4 Research Publications and Awards

3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee

Response: A. All of the above

File Description	Document
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	View Document
Any additional information	View Document

3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1.Commendation and monetary incentive at a University function 2.Commendation and medal at a University function 3. Certificate of honor 4.Announcement in the Newsletter / website

Response: C. 2 of the above

File Description	Document
Institutional data in prescribed format	View Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.4.3 Number of Patents published / awarded during the last five years.

Response: 21

3.4.3.1 **Total number of Patents published / awarded year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
6	9	5	0	1

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.4 Number of Ph.D's awarded per teacher during the last five years.

Response: 2.7

3.4.4.1 **How many Ph.D's are awarded within last five years.**

Response: 503

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

Response: 186

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
URL to the research page on HEI web site	View Document

3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 8.34

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

2020-21	2019-20	2018-19	2017-18	2016-17
947	424	446	433	427

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

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

Response: 1.04

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

2020-21	2019-20	2018-19	2017-18	2016-17
150	62	36	46	41

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.4.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. Any other Government Initiatives
6. For Institutional LMS

Response: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	View Document
Give links or upload document of e-content developed	View Document
Any additional information	View Document

3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

Response: 10.29

File Description	Document
Bibliometrics of the publications during the last five years	View Document
Any additional information	View Document

3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

Response: 46

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

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.

Response:

The Centre of Industry Institute Partnership (CIIP) has been established to promote consultancy & IPR activities in the University. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and others concerned with work, product, ideas and inventions created in connection with the activities of the University. It is also aimed to ensure the 'Commercial Use' of University's in-house research and technology-outcomes to the outside world.

Keeping in mind the intellectual strength of Guru Jambheshwar University of Science and Technology, Hisar, growing awareness about the innovative research of commercial value and the need for collaboration with other organizations for mutual benefits, the Consultancy rules have been

formulated to provide guidance to the Full time faculty, Core Research Scientists, Engineers of Departments/Centres/Schools, etc. and any other Professionally/Technically well qualified employees of Guru Jambheshwar University of Science and Technology, Hisar, interested in the consultancy work. The consultancy policy specifies the rules and norms of Guru Jambheshwar University of Science and Technology, Hisar regarding consultancy and obligations depending upon the nature of consultancy. The rules laid down in the consultancy policy are expected to fulfill the commitment of the University to promote academic freedom and provide a conducive environment for research and development of commercial importance.

The consultancy rules of the University allows consultant to undertake consultancy project under three categories.-

Category I: Expert Advice and R&D Consultancy: - This type of consultancy will be Expertise intensive and based on the expertise of the Consultant.
Category II: Testing Consultancy: - This type of Consultancy will involve testing of sample/component/product against a standard. The University will undertake testing jobs provided testing facilities and expertise are available in the University.
Category III: Service Consultancy: - This type of Consultancy will involve use of University's Computational facilities/Software/Hardware and other Technical, Physical infrastructure by the client. For example, use of software/hardware by the outside students, researchers, scientists, engineers, etc. OR use of computers/technical manpower and other infrastructure of the University for conduct of online/offline examinations or tests; and other e-services.

The consultancy policy has well defined provisions of revenue sharing among University and consultants. The University share in the revenue generated through consultancy work will be distributed between Institutional Development Fund (IDF) & Professional Development Fund (PDF). The Institutional Development Fund (IDF) is used for the purpose of development of required infrastructure in the department and the University respectively. While utilizing the IDF, preference is given to the

departments/office concerned which have contributed in generating funds through consultancy work.

Professional Development Fund (PDF) is a performance-linked fund created for the employee of the University with the objective of supporting their professional needs. However, preference is given to those Consultant(s) who have contributed in
generating funds through their consultancy work. This fund is utilized by the employee to attend conferences, pay membership subscription to professional societies, and purchase books, journals, stationery, software, data base, computer and computer peripherals, etc.

File Description	Document
Upload soft copy of the Consultancy Policy	[View Document](#)
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	[View Document](#)
Upload any additional information	[View Document](#)
Paste URL of the consultancy policy document	[View Document](#)

3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

Response: 168.95

3.5.2.1 **Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).**

2020-21	2019-20	2018-19	2017-18	2016-17
128.81	11.08	23.32	3.93	1.81

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts indicating the revenue generated through consultancy	[View Document](#)
Any additional information	[View Document](#)

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 last five years.

Response:

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

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. The NSS unit has been involved in awareness programmes related to HIV/AIDS prevention, tree plantation, cleanliness and blood donation, female foeticide and drug de-addiction etc. NSS GJUST was identified the first one for the organization of National Integration camp in Haryana state in 2018. NSS has organized North East Youth Exchange Programme in 2017, Adventure Camp in 2018, State Level NSS Camp (twice in 2019, 2021), Blood Donation Camps, and One Week Orientation Training in 2016. 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. NSS volunteers have got international

recognition by participating in International Youth Exchange Programme in China in 2018 and 2019. Various activities including First Aid and Home Nursing training, cleanliness drives, blood donation camps, health camps, tree plantation, awareness rallies, nukkad natak, and sports activities are organized in these camps. Further, lectures on road safety, disaster management, etc. are also delivered during the camp. Surveys are also conducted in the villages to know the rural fabric and to know the problems of the villagers for providing amicable solutions. To inculcate nationalism 'Maa Tujhe Salam' and 'Ek Shaam Rashtra Ke Naam' are amongst the major patriotic programs organised annually.

GJUST has established "Swachh Bharat Swasth Bharat" centre Under Swachh Bharat Abhiyan. The University abides by the mission of the program. University has adopted five Villages, namely Satrod Kalan, Behbalpur, Mirzapur, Deva, Nanghtala in the Hisar district and promoted the mission of the program in these villages by undertaking these activities. 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, Nukkad Natak on social evils and extended lecture for Sarpanch, village Panchayat, and school administration and for students. University invite students from different villages in the campus for exposing them for latest development in and around the campus. The main aim of activities carried out by SBSB is to help people in need, promote cleanliness in all span of life, acquire social values, a deep interest in environmental related issues, Information, Education and Communication activities, Solid Waste Management related activities, and to spread awareness about Yoga.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

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 last five years

Response: 72

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

2020-21	2019-20	2018-19	2017-18	2016-17
19	26	9	11	7

File Description	Document
Institutional data in prescribed format	View Document
e-copy of the award letters	View Document
Any additional information	View Document

3.6.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 119

3.6.3.1 **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
26	38	23	12	20

File Description	Document
Reports of the event organized	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years

Response: 79.59

3.6.4.1 **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
2422	3555	5049	4305	3001

File Description	Document
Report of the event	
Institutional data in prescribed format	
Any additional information	

3.7 Collaboration

3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 323

3.7.1.1 **Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
518	602	288	56	151

File Description	Document
Institutional data in prescribed format	
Copies of collaboration	
Any additional information	

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 last five years.

Response: 48

3.7.2.1 **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 year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
19	11	9	5	4

File Description	Document
Institutional data in prescribed format	[View Document]()
e-copies of the MoUs with institution/ industry	[View Document]()
Any additional information	[View Document]()

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

GJUST campus has 13 academic blocks, Mechanical Engineering workshop, Dr. APJ Abdul Kalam Central Instrumentation laboratory, Pt. Deendyal Upadhyaya University Computer and Informatics Centre (PDUCIC), Dr. BR Ambedkar Library and Pt. Deendayal Upadhyaya Innovation and Incubation Centre (PDUIIC), Experimental Animal facility with approved animal breeding facility, Language Lab, etc. The University has academic infrastructure facilities that meet the norms of statutory bodies wherever applicable. Some of the teaching blocks have dedicated seminar halls and conference room facilities. GJUST has 123 classrooms/ seminar halls are designed for capacities ranging from 40 to 75 students.

The University has 151 student laboratories and 82 laboratories are dedicated to research activities in various teaching departments. All the laboratories are designed to meet the need of the curriculum and are equipped with basic as well as advanced instruments. Dr. APJ Abdul Kalam Central Instrumentation Laboratory is being run in a separate building and having state of art instrument facility including UPLC, LC-MS/MS, NMR spectrometer, XRD, Raman spectrometer, FESEM-EDX, etc. This instrumentation facility caters to need of University students, research scholars, and other academic/ research institutions as well as industry located in various parts of India. 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	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

GJUST believes in the holistic development of an individual. Cultural activities are organized in CRS auditorium and in the open air theatre Mayur Rangmanch. The Main Hall of CRS auditorium has a seating capacity of 1800. The auditorium also has crush hall for organizing exhibitions along with three seminar halls with a capacity of 250, 125 and 125 respectively.

The University has facilities for both outdoor and indoor games. The University has a Maharana Partap stadium in the sports complex spread over an area of 12 acres for athletics, cricket, football, handball etc.

Sports Complex and Facilities: The Sports Complex has one Multipurpose Hall for Indoor games i.e. Badminton, Table-Tennis, Carrom board, Chess, 16 station Multi-Gym, Yoga and Weight lifting, one half cemented Cricket pitch, one ground each for Football, Hand ball, Cricket and Athletic Track of 400 meter. In addition, two cemented Basketball courts, two Volleyball courts; two synthetic Lawn Tennis courts are also there. One cemented Lawn tennis court with practice wall and one Synthetic Badminton Rex Court have recently been constructed. The Sports Equipments/kits are issued to the students as well as to the University employees during tournaments. However, the inclement weather during most part of the year and nature of courses being very demanding form the challenges to cope with for mobilizing more students towards sport activities. To some extent these challenges are withstood by earmarking sports time from 6 A.M. to 9 A.M. and 4 P.M. to 9 P.M.

INDOOR GAMES

Sr. No	Description of sports facility	Year of establishment	Size in Meters	User rate/Per Day
1	Badminton Court	20-3-2010	20x15	40-50
2.	Table Tennis Court	29-8-2014	12x6	15-20
3.	Shooting Range	09-12-2016	12x6	12-15
4.	Karate Rink	08-1-2021	12x12	20-25

OUTDOOR GAMES

Sr. No	Description of sports facility	Year of establishment	Size in Meters	User rate/Per Day
1	Lawn Tennis	05-6-2009	40x40	20-30
2.	Basketball Ground	05-6-2009	35x35	40-50
3.	Volleyball Ground	05-6-2009	30x30	20-30
4.	Football Ground	05-6-2009	110x65	40-45
5	Cricket Ground	05-6-2009	110x130	20-25
6	Athletic Track	05-6-2009	400	70-80
7	Handball Ground	05-6-2009	50x30	35-40
8	Archery Ground	20-1-2016	90x50	15-20

GYM and YOGA CENTRE

Sr. No	Description of sports facility	Year of establishment	Size in Meters	User rate/Per Day
1	GYM (Women)	29-8-2014	10x10	120-140
2.	GYM (Men)	29-8-2014	4x8	30-40

File Description	Document
Upload any additional information	[View Document](#)
Geotagged pictures	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.3 Availability of general campus facilities and overall ambience

Response:

The University campus is laid out with picturesque landscape, numerous buildings of various designs and wide road network. It presents a spectacle of harmony in architecture and natural beauty. Approximately, 275 acres of land have been developed providing with all facilities such as water supply, street lighting, electricity supply and parks/ lawns etc. The campus has developed various lawns and gardens including Fragrance garden, Hibiscus garden, Hydroponic Garden etc. Further, the University has also developed Dr. Anil Kumar Pundir memorial fruit garden.

GJUST has eight Hostels (three for boys, four for girls and one for working women) which can accommodate about 2000 students. All the hostels are fully equipped with modern amenities like electric geysers, music systems, telephone facilities, water coolers fitted with water purifier, insect killers and adequate playgrounds and other recreational facilities like television, chessboards, carrom boards. Each hostel has a common room where newspapers and latest magazines are available to the students. Further, all hostels have Internet and Wi-Fi facilities. The girl hostel complex also has a dedicated ATM facility, Cyber Cafe, Stationery shop. The lawns around the hostels are developed aesthetically to provide refreshing view while entering or leaving hostel. Hostel accommodation is provided strictly on merit and the hostel residents are governed by the terms and conditions as contained in the University Hostel regulations. As it is a challenge to meet ever increasing demand for hostel accommodation, the University devised a

strategy to add one block/hostel every year for boys and girls both. Therefore, the construction of one new block in girls' hostel complex and one full-fledged multi-storey boys'hostel has already started.

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, Dental clinic, a dispensing room, a laboratory, a medicine store, a minor O.T. and an observation room with 3 beds facility. The human resources at the Health Centre are Medical Officers-one S.M.O. (Female), one male M.O. and One Dental Surgeon, one Pharmacist , three nurses and other paramedical staff. Health Centre provides primary Health Care services. Ambulance Service are available round the clock. Free medicines to all the employees their dependends and students. Further, Department of Physiotherapy is also providing OPD for students, residents as well as locals. A Yoga centre has also been established in the Department of Physiotherapy.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

Response: 60.02

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
2498.34	2454.92	2358.51	1932.98	1477.69

File Description	Document
Upload audited utilization statements	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

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

Apart from the above, the library has always been in forefront in the application of latest information and communication technology, whenever

available. 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 from EBSCO have been 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. The library scans and uploads the thesis as per the prescribed format of Shodhganga and uploaded the same. This platform gives the information about the research which has been carried out in different universities and thereby budding scholars can avoid the duplicate work.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Institutional data in prescribed format	View Document

4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 85.04

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

2020-21	2019-20	2018-19	2017-18	2016-17
112.03	104.63	103.68	49.05	55.82

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)
Any additional information	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the latest completed academic year

Response: 11.13

4.2.4.1 **Number of teachers and students using library per day over last one year**

Response: 704

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	[View Document](#)
Any additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)

Response: 100

4.3.1.1 **Number of classrooms and seminar halls with ICT facilities**

Response: 123

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Paste link for additional information	[View Document](#)

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

Response:

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

personality development of students.

Year wise Budget Allocation & Utilization on IT Infrastructure (Allocated by University)

Particulars	2016-17	2017-18	2018-19	2019-20	2020-21	
Budget allocation	5,00,000	8,00,000	80,00,000	80,00,000	15,00,000	
Utilization	3,84,622	6,13,658	80,00,000	61,52,687	04,18,460	

Year wise Budget Allocation & Utilization on IT Infrastructure (Allocated through RUSA Grant)

Particulars	2016-17	2017-18	2018-19	2019-20	2020-21	
Budget allocation	1,00,00,000	-	-	-	1,00,000	
Utilization	80,68,430	11,48,579	7,58,817	-	51,720	

Bandwidth details: 100 MBPS Leased Line for Web Servers only.

LAN Facility details: Wired Network

PDUCIC has framed University e-waste and website policy and uploaded same on the University website.

PDUCIC also develop and maintain software related to complete admission and registration cycle for University and affiliated colleges. Further, applications related to accounts branch, recruitment, IQAC feedback forms, hostels, alumni meet, HRDC, convocation, seminars and conferences

etc. are also developed in-house by PDUCIC. 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	Document
Upload any additional information	[View Document](#)
Paste link for additional information	[View Document](#)

4.3.3 Student - Computer ratio (Data for the latest completed academic year)

Response: 4:1

File Description	Document
Upload any additional information	[View Document](#)
Student – computer ratio	[View Document](#)

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

Response: A. ?1 GBPS

File Description	Document
Upload any additional information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

Other Upload Files	
1	[View Document](#)

4.3.5 Institution has the following Facilities for e-content development

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links of photographs	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 15.14

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

2020-21	2019-20	2018-19	2017-18	2016-17
592.68	713.07	758.93	376.27	324.34

File Description	Document
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts	[View Document](#)

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.

Response:

The University has elaborate mechanism and system for overseeing the maintenance of buildings, class-rooms and laboratories. The repair/maintenance/renovation/addition & alteration work of residential/non-residential buildings including the Horticulture/ landscaping works are looked after by the University Works Department headed by Superintending Engineer and supported by team of other officers and technical staff. There are separate specialized divisions headed

by concerned Executive Engineers and supported by Sub-Divisional Engineers/Junior Engineers and other technical staff for creation and maintenance of utilities like electricity, civil works, health and sanitation, telephones, water works, sewerage systems etc. Our University is exempted from ?0' Amp. L.R. (load restriction), which in common parlance is known as ?HOT LINE'. University has executed various annual maintenance contracts for maintenance of various types of services and equipments. The University infrastructure stands well recognised for its ambience and maintenance by way of awards and appreciation by the external world as well. Recently, Ch. Ranbir Singh auditorium of the University has been conferred a medal and a certificate by Construction Industries Development Corporation (a statue body of planning Commission of India) under ?Best construction Projects? category along with 14 projects concerning all over the country in the field of buildings, railways, bridges, highways etc. Similarly, the University also received two awards for its green campus. The awards are titled as ?Green Campus of the Year ?by World Management Congress in December, 2009 and ?Best infrastructure and Green Campus University in Haryana?by CMAI in February, 2014. Besides, the external infrastructure, the University has also created some infrastructure in its laboratories which is used for extending consultancy and testing facilities to government departments and the industries.

The University has defined purchase policy for equipments, computer items, furniture and other items. The purchase policy was revised in 2020 and there was more deligation of financial powers to the faculty members and other University officials. The University provides sufficient funds for the maintenance of equipments, computers and other items. As per existing purchase guidelines the e-tendering is done for equipments costing more than 5 lacs. The University also purchases equipments from GeM portal of Govt. of India. Individual laboratories in various departments are maintained by the laboratory technicians. For the construction of buildings the guidelines of Haryana government are strictly adhered to. Dr. APJ Abdul Kalam Central Instrumentation Laboratory houses many sophisticated equipments which are utilized by the students, research scholars and faculty of the University and it also provides characterization

services on payment basis to the users of other institutions and universities located in the different part of india. 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. Pt. Deen Dayal Upadhyaya Computer and Informatics Centre has been established in the University for providing various services including conduct of laboratory classes, software development, recruitment exams and other National tests. The facilities available at sports complex of the University are used by the students and campus residents and locals. Sports grounds are also rented out to different clubs/societies for organizing their events. 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. The auditorium services are also provided to external organizations including district administration, schools, clubs, societies etc. on payment basis.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).

Response: 7.76

5.1.1.1 **Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)**

2020-21	2019-20	2018-19	2017-18	2016-17
484	472	408	453	80

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	[View Document](#)
Upload any additional information	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.

Response: 19.34

5.1.2.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1220	1012	976	323	1098

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)
Link for additional information	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 18.78

5.2.1.1 **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations***, etc.*)**) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
108	65	46	49	72

5.2.1.2 **Number of students appearing in state/ national/ international level examinations (eg: IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
452	364	328	272	358

File Description	Document
Upload supporting data for the same	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

5.2.2 Average percentage of placement of outgoing students during the last five years

Response: 32.64

5.2.2.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
1082	521	307	324	363

File Description	Document
Upload any additional information	[View Document](#)
Self attested list of students placed	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

5.2.3 Percentage of student progression to higher education (previous graduating batch).

Response: 21

5.2.3.1 **Number of outgoing student progressing to higher education.**

Response: 340

File Description	Document
Upload supporting data for student/alumni	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 last five years.

Response: 186

5.3.1.1 **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) year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
8	44	91	41	2

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-copies of award letters and certificates	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response:

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. They work in tandem with University functionaries in managing different activities held round the year. This helps students in gaining leadership qualities, understand rules and regulations and develop execution skills.

At GJUST students have active representation in various administrative bodies and committees of the University such as Cultural Council, Internal Complaints Committee (ICC), University level and Departmental level Anti Eve-teasing Committee, Anti Ragging Committee, Mountaineering and Adventure Club, Hostel Management Committee, Hostel Mess Committee, etc.

The designated cells in the University, namely, NSS, NCC, Swachh Bharat Swasth Bharat and Training & Placement Cell choose students' representatives in the beginning of session to provide them a leadership role in managing the activities of these cells and to mobilize students for active participation in these activities. Training and Placement Cell of the University has numerous clubs and umbrella of committees at departmental and class level where students actively participate to achieve the ultimate goal of getting placed or becoming an entrepreneur. Students actively get involved in organisation of activities of Speakathon Club, GJUS&T Coders Group, Group for GWOAT, UDBHAVANA, Entrepreneurship Club, Alumni Relations Committee, Placement Brochure Committee, Industry Interaction Program, T&P News Letter and Website

handling group and Social Media group.

Student Representatives in University Committees formally represent all students of the University and communicate with the University administration on issues that concern students. They are expected to maintain such an atmosphere in the University, that the activities of the University are carried on peacefully and uninterruptedly. They not only encourage the involvement of students in organisation of different activities in the University but also apprise students about the latest developments in the University.

The students are involved in departmental/ University at different levels by the innovative scheme, namely, Earn While You Learn, in which students are not only involved in various official works but also given remuneration for it as well.

All these channels provide due representation to the students.

File Description	Document
Upload any additional information	[View Document](#)
Link for additional information	[View Document](#)

5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

Response: 20.2

5.3.3.1 **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
45	18	15	7	16

File Description	Document
Upload any additional information	[View Document](#)
Report of the event	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

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.

Response:

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 and the following are the members of the 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, Haryana Public Service Commission, Panchkula, Haryana**

5. **Mr. Anand Gupta, M. D Gupta Oxygen, Pvt. Ltd.**

6. **Dr. Pawan Kachoria, Clinical Psychologist, Brain and Body Analysis**

Centre.

7. **Sh. Mukesh Kumar, Director (PDUCIC), GJUS&T.**

8. **Prof. Neeraj Dilbaghi, Dept. of Bio & Nano Technology, GJUS&T, Hisar**

9. **Prof. Sandeep Rana, Dept. of Psychology, GJUS&T, Hisar**

10. **Mr. Partap Malik, Director Training & Placement Cell, GJUS&T, Hisar**

11. **Dr. Mohit, Dept. of Printing Technology, GJUS&T, Hisar**

The Alumni Affairs Relations office has undertaken the following activities.

- **Grooming the students for availing better placement opportunities.**

- **Raise various endowment funds and award stipends out of it to the deserving students on need-cum-merit basis;**

- **Disburse scholarships, fellowships, medals, etc. to the meritorious students of the University out of the corpus of the association.**

- **Seek donations from alumni and potential donors for promoting various righteous activities of the Association and till date have received an amount of Rs.30,61,936/-(Thirty Lacs Sixty One thousand Nine Hundred and Thirty Six only). The Alumni have made a significant contribution of Rs. 20,75,436/- in last five years.**

- **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.**

The alumni meet at the University level is organized annually and during the Covid-19 period also online global Alumni meet were held and the details are given as below:

1. **The University level 1st Alumni Meet was held on 18.03.2016.**

2. **The University level 2nd Alumni Meet was held on 17.03.2018.**

3. **The University level 3rd Alumni Meet was held on 02.03.2019.**

4. **The University level 4th Alumni Meet was held on 29.02.2020.**

5. **The University level Global Alumni Meet was held on 21.03.2021**

Prominent Alumni have given lectures in the webinars conducted by the Alumni Relations office. The details are given as below:-

Sr. No.	Date	Topic	Name of Alumni
1.	07.10. 2020	Climate Change and Sustainable Development under Current Scenario	Dr. S.D. Attri
2.	16.12. 2020	Basic Theory and Implementation of Machine Learning Approaches in Various Domains	Dr. R.P. Singh
3.	08.01.2021	Air Pollution and Health	Prof. Suresh Jain
4.	16.02.2021	Mumbai Film Industry: Current Situation and Projects	Mr. Aditya Ranoliya
5.	29.05.2021	Fear Factor of Covid-19	Dr. Pawan Kachoria

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response: C. 20 Lakhs - 50 Lakhs

File Description	Document
Any additional information	[View Document](#)
Link for any additional information	[View Document](#)

Criterion 6 - 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.

Response:

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

Vision: To develop the University as a Centre of Excellence for the quality teaching, research and extension services to produce the dynamic and the knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society.

Mission: The University aspires to be a globally recognized Centre of Excellence in the field of technical education and research. It strives to achieve this by introducing innovative job oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional, ethical, social and environmental issues.

Since its inception in 1995, the University was envisioned as an institution, primarily dedicated to the teaching and learning in the field of Science and Technology. Marching ahead on the path of progress with the strategic plan, the University envisages assuming the status of a leading 'transformative learning community' by maintaining highest standards of transparency, accountability and efficiency. The University endeavors to provide good governance and leadership with intellectual honesty by optimally utilizing its resources to stand with sustaining principles of ethical standards, mutual respect, student-centric interdisciplinary, multidisciplinary, collaborative and innovative environment and responsiveness to the society through community care and outreach

services. **Highly qualified and competent leaders at different levels of the University in the light of a well-defined system and organizational structure consistent with the Act, Statutes and Ordinances of the University improve the academic and administrative effectiveness. The involvement of leadership entails the following:**

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

The 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.

The 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.

The Deans of Faculties, Chairpersons of the Departments and other officers of the University- Dean of Students Welfare, Dean of Colleges, Proctor, University Librarian and Controller of Examinations - also provide leadership and discharge important responsibilities in their respective areas. It is ensured that the action plans are specifically aligned to the vision and mission statements. The teachers of the University participate in all the decision-making bodies of the University like Departmental Research Committee, Board of Studies and Research, The faculties, Academic Council, Executive Council, Court of the University. The experience and wisdom of teachers while participating in these decision-making bodies give a boost to the effective governance of the University.

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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

Response:

The University has a well laid practice of decentralization and participative management. Different committees, boards, councils, forums and cells are constituted viz., Staff Council, Departmental research committee, Board of Studies and Research (BoSR), Faculty, Academic Council, Executive Council, University Court, Finance Committee, etc.

The roles and responsibilities of office bearers and authorities and the structure of such organizational units have been defined. The members of various organizational units are nominated from different disciplines on the basis of individual interests, preferences and competencies observed. Students are also nominated to the departmental and University level units to contribute and participate in the discussions related to various academic and administrative issues and matters. The necessary actions to be taken are deliberated further.

Planned and scheduled working, coordinated discussions, agenda based discussions, recording resolutions, entrusting responsibility and follow up with actions to be taken etc., are practiced in the organizational units. Every member is free to express views and opinions within the laid boundary line. However, the decision of the chairperson of the organizational unit remains final. A case study showcasing the practice of decentralization and participative management in GJUST is discussed below.

To ensure the realization of vision and mission of the University, the design and development process of curriculum is initiated with need analysis that takes into consideration the stated customer needs, implied needs, overall goals of the University and statutory requirements of bodies like AICTE, PCI, UGC, etc. The Dean of the faculty provides a general framework of curriculum for each of the program. He/she considers the recommendations of the statutory bodies, student workload, all round development and competitiveness of the students, active learning methods,

global, regional and local needs, evaluation patterns etc. The same is appraised to the Chairpersons of departments. Every department in the University takes into cognizance the feedback of the stakeholders such as faculty members, employees, peers, invites suggestions and modifications. Based on the deliberations of Staff council, Departmental Research Committee, new requirements are identified and a statement of changes required for updating curriculum is prepared. The inputs of these committees are taken up in the BoSR for consideration and recommendation of changes. The BoSR deliberates the same and forwards it to the Faculty for further action. The Faculty reviews the submission and synchronizes into the University framework such as the limit of teaching hours, credits for the program, etc. The Faculty with necessary suggestions reverts the same to the department in case of any mismatch with University stipulation or the regulatory bodies for further changes. The BoSR again deliberates on the recommendations suggested and incorporates necessary changes. The BoSR recommendations are once again forwarded to Faculty for versioning, monitoring and placing the same in Academic Council (AC) for approval.

Departmental Research Committee is comprised of all the regular faculty members holding a Ph. D. degree and recommends the registration and progress of the scholar to the BoSR. The teaching departments have adequate academic, administrative and financial autonomy and the Chairpersons are appointed on rotation basis as per the provisions of the University Act. Further, Administrative, Technical and Academic committees constituted at departmental level recommends and suggests various proposal to staff council for smooth functioning of the department.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic plan is effectively deployed.

Response:

As enshrined in its vision and mission, the University has discerned its quest for excellence in all its activities and pursuits. The University has taken a number of steps to promote quality technical education and strives to open up new vistas in the relevant areas. The University is continuously exploring the new vistas of knowledge, amalgam of science, technology and management. An activity related to this aspect successfully implemented in the University is described as follows:

Fusion of Technology and Governance: For the purpose of promoting use of technologies, teaching computer education has been made as part of syllabi in every academic program. The campus wide networking has been provided in the whole University to facilitate the use of Internet. The computer facilities in the departments for faculty and students are available round the clock. Latest lab equipments for teaching and research have been put in place. Various workshops and training program for students, lab staffs and faculty members on the use of new technologies are held frequently. Further, the University has taken a number of initiatives to promote e-governance to enhance existing administrative efficiencies, drive down communication costs and increase transparency in the functioning of various departments. These initiatives include computerization of accounting and examination systems, provision of library e-services establishment besides upgradation of PDUCIC. The payrolls, electricity bills, provident fund, tax deducted at source are fully automated and mandated through University designed software. The EDP Cell in Examination Wing is upgraded to speed up the declaration of results without errors. Results of the entrance examinations are declared the same day and placed on the University website immediately. The students are provided computerized Detailed Marks Certificates and the Degrees with security features and students' photographs on it. 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. The same practice is followed in case of admissions to various

programmes in the Directorate of Distance Education. The use of computing process is adopted starting from filling of admission form till the award of degree. The PDUCIC, apart from maintaining the EDUSAT and Language Labs, plays, key role in software development, hardware maintenance, providing training to University employees and also to the employees of various government departments in collaboration with State government. 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. There is a University Statistical Cell created at the behest of the UGC to regularly maintain and periodically supply requisite information to various apex bodies. 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	Document
Any additional information	[View Document](#)
Strategic Plan and deployment documents on the website	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response:

The University has been established by an Act of the Haryana State Legislature. The Governor of the State is Chancellor and Head of the University. The Vice-Chancellor is appointed by the Chancellor on the recommendations of the Government for a term of three years in accordance with the procedure defined in the Act. The Act provides for the following authorities of the University:

1. **The Court**

2. **The Executive Council**

3. **The Academic Council**

4. The Finance Committee

5. The Faculties

6. The Planning Board

The teaching departments have adequate academic, administrative and financial autonomy and the Chairpersons are appointed on rotation basis as per the provisions of the University Act.

The following are the authorities of the University:

i) The Court

The Court reviews the broad policies and programs of the University and suggests measures for the improvement and development of the University. It considers and passes resolution on the annual report, annual budget and the annual accounts of the University and on the audit report of such accounts, etc.

ii) The Executive Council

The Executive Council is the principal executive body of the University. It holds, controls and administers, revenue, property and funds of the University. It creates, upgrades, downgrades and transfer the posts from one Unit/Section to another and to make appointments and/or promote thereto. It appoints/promotes Professors, Assoc. Professors, Asstt. Professors and other academic staff. It also manages and regulates the finances, accounts, investments, property, business and all other administrative affairs of the University.

iii) The Academic Council

The Academic Council exercises general supervision over the academic policies of the University and gives directions regarding improvements in academic standards, besides many other academic powers.

v) The Finance Committee

The Finance Committee examines the accounts and scrutinizes the

proposals for expenditure and submits the annual budget to the Executive Council for approval. It also examines and recommends to the Executive Council the creation of teaching and other posts.

vi) The Faculties

There are 10 faculties in the University comprising 24 Departments. Faculties coordinate the teaching and research work of the University and recommend courses and syllabi to the Academic Council.

vii) Board of Studies and Research

Every department has a 'Board of studies and Research'. The board recommends programmes, courses, schemes and syllabi of studies and the appointment of papersetters/ examiners.

Service Rules, Procedures, Recruitment and Promotion Policies

Recruitment and promotions are made following an established and transparent process as per

UGC/Haryana Government norms. Service rules, procedures, recruitment and promotion policies are contained in GJ UST Calendar which are available on the Website of the University.

Grievance Redressal Mechanism

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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)
Link to Organogram of the University webpage	[View Document](#)

6.2.3 Institution Implements e-governance covering following areas of operation

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

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

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 .

Response:

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,

academic leaves. Financial support is also granted to teachers to attend National and International Seminars and workshops.

There is a system of Self Appraisal Report (SAR) for teaching staff the SAR proforma has been devised on the basis of specimen proforma developed by the University and is filled by every year by a teacher at the end of each academic year. For the Non-teaching employees Annual Confidential Report (ACRs) is sought by the Establishment Branch through the Branch officer/ Chairperson of the Department. For non-teaching staff in addition to compulsory computer training various types of short term skill up-gradation programmes and lectures are arranged frequently. Only recently all Lab-Attendant-cum-Cleaners and Lab Technicians have undergone departmental training.

The welfare schemes like provident fund, pension, gratuity, medical facilities, maternity leaves, child care leave are provided as per the State Government rules.

The University also provides various kinds of loan to the employees including wheat loan, marriage loan, festival loan, computer loan, education allowance, etc. University has created a supernumerary seat in all the UGC courses for the wards of the University Employees and also made a provision of full fee concession for group IV, 75% concession for group II and 50% for Group I and II employees or their wards.

The University is sensitive for the welfare of employees and their families in case of casualities. 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. Free of cost excellent sports facilites are also availed by the families of the employees. Faculty house is availble to the employees whenever needed.

The University Health Centre takes care of the primary health of all the employees as well as of their families free of cost. For inpatient treatment a number of hospitals are empanneled by the University and the medical expenses are reimbursed.

Moreover, GJUST has paid all the arrears of 7th Pay Commission and also granted promotion to all eligible teachers under Career Advancement Schemes of UGC in time. This has been quite motivating to the teaching fraternity of this University to have a perception that their due benefits are granted in time.

File Description	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 8.72

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

2020-21	2019-20	2018-19	2017-18	2016-17
15	44	27	26	26

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	[View Document](#)
Link for Additional Information	[View Document](#)

Other Upload Files	
1	[View Document](#)

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

Response: 13.6

6.3.3.1 **Total number of professional development /administrative training Programmes organized**

by the institution for teaching and non teaching staff year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
16	17	15	10	10

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	[View Document](#)
Reports of Academic Staff College or similar centers	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 35.97

6.3.4.1 **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
243	98	85	79	80

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View Document
IQAC report summary	View Document
Details of teachers attending professional development Programmes during the last five years (Data Template)	View Document
Any additional information	View Document
Link for Additional Information	View Document

6.4 Financial Management and Resource Mobilization

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

Response:

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

1. **Grant-in-aid from the Haryana State Government**

2. **Grant from UGC and Other State & Central Funding Agencies.**

3. **Income from Distance Education Programmes.**

4. **Internal income including fees and fines from Courses under State Plan and Self-Financing Courses**

5. **Deposits and Remittances.**

6. **Endowment Trust Funds.**

The finances of the University are professionally managed. The funds are

invested on the recommendations of the Finance Committee. The Finance Committee examines the accounts and scrutinizes the proposals for expenditure and submits the annual budget to the Executive Council for approval. It also examines and recommends to the Executive Council the creation of teaching and other posts.

To minimize the requirement of funds from the government the University makes an attempt to mobilize the funds from the different sources UGC, AICTE, DST, DBT, World Bank, BARC, DEC, etc. In addition to the generation of the funds from internal resources in the form of fees from self-financing courses and distance education programmes, the University has a commercialization policy to rent out auditorium for private and public functions by outsider institutions/organizations, and renting the shops. The income through consulting activities has also started contributing to University's income.

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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

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

Response: 3290.47

6.4.2.1 *Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).*

2020-21	2019-20	2018-19	2017-18	2016-17
227.38	1120.14	356.49	650.9	935.56

File Description	Document
Details of Funds / Grants received from government bodies during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

Response: 21

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	1	0	0	20

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Annual statements of accounts	[View Document](#)
Link for Additional Information	[View Document](#)

6.4.4 Institution conducts internal and external financial audits regularly

Response:

A well defined system of financial management is also in force. The University budget with allocation of funds to all departments, branch offices and other priority areas is prepared and approved well before the

start of new financial year. After in house discussions, the budget is placed before Finance Committee, Executive Council and University Court for the final approvals. All budget allocations are subject to financial sanction before incurring expenditure and internal/external Audit before releasing payments. The University has its own perspective plan for academic development and all relevant aspects that are considered essential in the development of policies and strategies, which mainly include: vision and mission, teaching and learning, research and development, community engagement, human resource planning and development, industry interaction and internationalization of academics.

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

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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.

Response:

The Internal Quality Assurance Cell of the University is actively working in

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 University Human Resource Development Centre. The Internal Quality Assurance Cell of the University organized one-day workshop on Draft New Education Policy on 20-07-2019. 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. The Internal Quality Assurance Cell in collaboration with Haryana State Higher Education Council organized One Day Workshop on 05-02-2020 in Seminar Hall-2, GJUST, Hisar to assess and accredit institutions of Higher Learning for NAAC Grading. All colleges affiliated to GJUST, Hisar and twenty colleges from different districts of Haryana also participated in the above said workshop.

IQAC monitors quality of Teaching-Learning and conduct of Academic Audit of all the University teaching departments. Recently, IQAC has designed and improved the Academic Audit and methodology proforma. IQAC in its 8th meeting resolved that Course Objectives, Course Outcomes, Programmes Objectives and Programme outcomes should be introduced as per the Guidelines of statutory bodies w.e.f. 2019-20. As a result of this resolution, LOCF/OBE based system has been introduced in all AICTE approved programmes of the University. Further, some of the UGC approved programs have also started implementing this. It was also resolved in the 8th meeting of IQAC that Choice Based Credit System (CBCS) should also be introduced in all the courses of affiliated colleges from the Academic Session 2019-20 and as a result of this decision CBCS has been introduced in most of the programmes in the affiliated colleges.

In the 9th meeting of IQAC, it was also resolved that Administrative Audit for All the Branches, University Library, Directorate of Sports, University Health Centre and Directorate of Distance 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 it was

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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).

Response: A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	[View Document](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View Document](#)
Any additional information	[View Document](#)
Paste web link of Annual reports of University	[View Document](#)
Link for Additional Information	[View Document](#)

6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).

Response:

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

The University has launched online admission process for admission to all under-graduate, post graduate and Ph.D programmes. Online registration of students has been implemented. In addition, online submission of

Sessional and Practical awards has been introduced. Online fees slips are generated for payment of fees through Debit/Credit card or Net Banking. A complete independent portal developed and designed for Guru Jambheshwar University of Science & Technology Alumni Association (GJUSTAA) for online registration of Alumni. 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 University has started four new B.Sc. (Hons)-M.Sc. Dual degree programmes in Physics, Chemistry, Mathematics and Biotechnology and M.Sc. Economics w.e.f. 2016-17. B.Sc. (Psychology), B.Sc. (Economics), B.Sc. Computer (Data Science) have also been started. Similarly, four B.Tech. programmes namely Civil Engineering, Electrical Engineering, CSE (AI & Machine Learning), Electronics and Biomedical Engineering have also been started during last five years. Further, M.A. (English), M.A. (Hindi) and M.A. (Yoga Science and Therapy) were also introduced during 2019-20. University has appointed more than 30 Assistant Professors in last five years on regular basis and some vacant teaching have been advertised.

Language Lab to enhance communication skills of the students has also been established. Many laboratories in Department of Physics and Chemistry have been upgraded from RUSA grant. Three laboratories in Chemistry department are being upgraded. Renovation work in various academic blocks has been undertaken and 14 class rooms have been provided with LCD projectors and screens from RUSA grant. Six new Classrooms are being added to T.B-III from RUSA grant. 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.

A permanent Director of the Training & Placement Cell has been

appointed to expedite the student's better placements and job opportunities. Moreover, 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. As a consequence of this, Haryana School of Business has undergone NBA accreditation of MBA program. As per decision in 7th IQAC meeting following Online Feedback system from all the stakeholders has been implemented by IQAC including exit survey, alumni survey, parents survey are being finalized. Feedback about teaching, academic and administrative support has been included.

The Research Promotion Board has been constituted which continuously monitors research activities 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	Document
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

Criterion 7 - 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 last five years.

Response:

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

GJUST is the pioneer in the State by creating a seat for admission of single girl child in all UGC programmes. One supernumerary seat was created in the year 2015 for a single girl child of her parents or one amongst the only two girl children with no male child. For the session 2018-19 an additional supernumerary seat was made available to one of the the girl child of a parent with two two girls. The University has also adopted the guidelines of Haryana government to support the married girl students and research scholars to avail maternity leave of 45 days at a stretch. There are 04 hostels for girl students and in addition to this one hostel (Working Women Hostel) is exclusively for Ph.D. research scholar and Working Women in the University. To address the mental health issues of youth population therefore a Counselling Cell is established in the department of Applied Psychology for all the students to provide psychological counselling to strengthen their coping mechanism to resolve their career related issues, relationship issues and the challenges they face in walks of life.

The safety of the girl students is taken care of by deployment of the women security guards in the University at all conspicuous places along with

CCTV 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	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

    1. Solar energy
    2. Biogas plant
    3. Wheeling to the Grid
    4. Sensor-based energy conservation
    5. Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

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

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

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

Departments/Offices of university are also in the process of disposing E-Waste. The University has also completed the process of Green Audit and Environment Audit and Energy Audit.

The liquid waste is recycled in the University.

File Description	Document
Relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Geotagged photographs of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	[View Document](#)
Any other relevant information	[View Document](#)

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: B. 3 of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

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

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

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. The festival provides them opportunity to develop mutual understanding, co-operation, brotherhood and patriotism. They also organize various events to sensitize people about cultural, regional, linguistic and communal and other diversities 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 branch organized a 'North-East Youth Exchange Program' in the University campus from 25 March to 30 March, 2018 where 230 volunteers from all the seven North Eastern States along with 25 volunteers from NSS unit of the University and 12 volunteers from NYKS, Hisar participated in the Camp. The activities included cultural exchange based on patriotism like lecture series, group discussion, interactive session on Socio Cultural Development of youth of North East States. Similarly, Rashtriya Ekta Divas is celebrated by NSS on 31st October every year. (https://www.gjust.ac.in/facility/nss.html)

The university is also an ambassador of Swachh Bharat Abhiyan, a cleanliness campaign run by the Government of India. Under 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. (https://www.gjust.ac.in/facility/sbsb.html)

The university celebrates all the main festivals like Diwali, Gurupurab, Holi, etc to safeguard communal harmony. Guru Jambheshwar Ji Maharaj Institute 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.

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File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Any other relevant information	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

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

The University has organized District Youth Parliament on 25 January, 2019; a workshop on human rights on 25 March, 2021; Voter awareness programme at village Behbulpur on 16 April, 2019; blood donation camps annually, two days "Gender Sensitization Workshop" in collaboration with Girl Rising India, New Delhi for the NSS Units of Haryana on April 07-08, 2017; one week cleanliness drive including rally, slogan writing, essay writing competition, etc. with participation of NSS and NCC units. To inculcate human values, the university organizes various events inside and outside the campus like rally on cleanliness camps at various villages through NSS and SBSB Cell. Another important duty of any citizen is to safeguard the environment and protect flora and fauna, for this university actively participates in tree plantation, save water programmes, etc.

To spread awareness about the harmful effect of drugs, the University has launched "Drug Free India" campaign from its premises on 19th February,

2019. 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, an Educators Meet was also organized in which Vice-Chancellors of all the Universities of the State participated. GJUST is named after Guru Jambheshwar Ji Maharaj, a saint 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 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.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

National festivals play an important role in planting the seed of nationalism and patriotism among the people of any nation. To honor the sacrifices of our great leaders and freedom fighters who laid down their lives in the foundation of this country, the university celebrates national and international days, events and festivals every year. GJUST in its journey organises these events to instill a sense of community. Independence Day, Republic Day is celebrated every year in the university with great enthusiasm. The Parade, various competitions and cultural program enthralls the audience. The University organises cleaning drive on 2nd October, the auspicious day of Gandhi Jayanti every year and a marathon run for unity was organized on 31.10.2018, the birth Anniversary of Sardar Vallabhbhai Patel on National Unity Day (31-10-2018). Dr. B.R. Ambedkar`s birthday is also celebrated on 14th April, who uprooted the evils of regionalism, casteism and religious fundamentalism.

The university celebrates National Youth Day on 12th January to honor the birth anniversary of Swami Vivekananda. National Science Day is celebrated on 28th February every year to commemorate the discovery of Raman effect by Indian Scientist Sir CV Raman by organizing events like quiz, poster making, slogan writing competition, essay writing etc. The directorate of youth welfare of the university rejoiced "Hindi Diwas" on 14th September to celebrate Hindi language to promote linguistic and cultural diversity and multilingualism. Being a technical University, National Technology Day is celebrated also on 11th May regularly.

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. To preserve the ecosystem, the Department of Environmental Science and Engineering organised "Ozone Awareness Week" through various poster, slogan competitions and Quiz during September 16-22, 2018 to commemorate international day for the preservation of the ozone layer and they have been celebrating Earth Day

on 22nd April regularly. 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	Document
Geotagged photographs of some of the events	View Document
Any other relevant information	View Document
Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

BEST PRACTICE- I

1. Title of the Practice: ACQUIRE KNOWLEDGE THROUGH RESEARCH AND INNOVATION

2. Objectives of the Practice

Guru Jambheshwar University of Science and Technology, Hisar, Haryana is a research-oriented university with an aim to create and transmit knowledge through quality research for the benefit of the local needs, nation and the world. Some deliverables generated to quantify the outcomes and value of the inputs that go into research at the University are:

- **Generation of Knowledge through Research Outcomes to enrich teaching and application**

- **Extramural Research Projects for generation and expansion of knowledge**

- **Research Publications in journals of repute**

- **Consultancy**

- **Promote Entrepreneurship**

- **Extension services in neighborhood villages/communities**

The University encourages advancement of knowledge through research-based activities by providing University research grants, supporting initiatives through state-of-the-art infrastructure, and excellent research laboratory facilities.

3. The Context

The vision and mission of the University is primarily focused on research and its deliverables. Research funds received from extramural sources, University Research Grants, research-based curricula, and research supervision of M.Tech/M.Pharm/Ph.D. students at the University have yielded quality publications, citations, distinguished awards/honours received by faculty and research scholars, etc. These have helped raise the h-index of the University to 100 within a short span of 25 years.

4. The Practice

The University has a system for promotion of research and innovation which includes the Research Promotion Board and an established structure of Department-wise Boards of Studies & Research (BoSR) and Departmental Research Committees (DRC). The University has Consultancy Policy and Ethics Policy that encourage knowledge generation and ethical research practices.

The excellence in research and innovation as reflected in various practices

is as follows:

- **h-Index and Citations- The Scopus h-index of the University has risen to 100, in a span of 25 years of establishment with a total number of citations reaching about 60000 with more than 3000 publications.**

- **Extramural and DST PURSE Grant-The University was the sanctioned DST-PURSE Grant of Rs. 10.25 crore in the year 2017. Several Departments are supported under UGC-SAP/CAS, DST-FIST excellence grant. The University has also been granted TEQIP 2.0 for the session 2013-17 (12.50 Crores) and TEQIP 3.0 for the session 2017-22 (7 Crores)**

- **Awards, Collaborations, Conferences: Faculty members have also received worldwide recognition for their quality research publications, patents, collaborations and the successful integration of acquired knowledge into practice. Several grants have been instituted to encourage faculty members and research scholars to present their research findings at prestigious national and international conferences, which give them a chance to interact with and develop collaborations and joint research ventures with key academic institutions, industry, government, policy makers and research sponsors.**

- **Research & Development Grants for Faculty: The University provides research grant to promote research among department faculty and enrich the research base of the University. Teachers in the cadre of Assistant Professor and Associate Professor who do not have minor or major projects are given preference.**

- **Centre for Industry Institute Partnership (CIIP): The Centre of Industry Institute Partnership (CIIP) has been established to promote consultancy & IPR activities in the University. The purpose of consultancy is to execute all consultancy related jobs in the spirit of promoting industry interactions as a vehicle for augmenting current**

levels of excellence in teaching and research, and in the process, generating funds. Under IPR, CIIP facilitates to manage and protect the intellectual property rights of the University, faculty members, research scholars, students and others concerned with work, product, ideas and inventions created in connection with the activities of the University. It is also aimed to ensure the 'Commercial Use' of University's in-house research and technology-outcomes to the outside world. The internal revenues generated during the assessment period is around Rs. 1.7 crore including around 40 Lakh from Dr. APJ Abdul Kalam Central Instrumentation Laboratory.

- **Publication, Funds for Organizing and attending National and International Conferences:** As an incentive for bolstering research outcomes, University provides funds for organizing conferences to the Departments and also provides funds for attending National and International Conferences to the faculty members.

- **Pandit Deendayal Upadhyaya Innovation and Incubation Centre (PDUIIC):** PDUIIC serves to coordinate and promote incubation and innovation-driven activities for budding entrepreneurs. PDUIIC provides a platform to the young Innovators for achieving their goal towards self-realization by strengthening Technology Start-ups in selective areas of National concern by leveraging emerging technologies in developing a strong Nation. 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.

- **Organization of Science conclave in 2019:** The University was selected for organizing the Science Conclave on the theme "Science for Socio Economic Growth" by the Department of Science and Technology, Haryana during 2019 with the support of Rs. 10 lacs. The conclave was aimed to encourage motivate and revive the interest of the budding sciencetists of Class IX to XII of various students of Hisar district.

5. Evidence of Success

The success achieved in various initiatives is as below:

- **The publication profile of the University is not only impressive in its content, but also admirable in terms of its diversity. More than 3000 research papers published by the faculty members includes articles in peer-reviewed journals, publications in the form of monographs, chapters in books, edited books and books.**

- **Faculty members have received grants every year as a result of their outstanding contribution to research, and various awards, national and international in recognition for their research work.**

- **The University has signed 42 MoUs with foreign universities, industries and institutions of importance in India for research collaborations.**

6. Problems Encountered and Resources Required

The University aims to introduce interdisciplinary curricula and application-oriented component of its research programs, for generating human resources with more skill sets to enhance employability. The Innovation Projects and R&D Grants to faculty need to be continued enhanced and strengthened for the applied components to facilitate technology development and social outreach. There is also a requirement of constant and sustainable inflow of finances for carrying out research initiatives, including up gradation of infrastructure for research and rewarding excellent research work.

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 green campus concept offers an institution the opportunity to take the lead

in redefining its environment culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs. Guru Jambheshwar University of Science and technology has been 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. Guru Jambheshwar University of Science and Technology came into existence on October 20, 1995 on a barren desert. Today the university is standing on three hundred seventy-two acres of lush green land. The University is committed for the protection of environment and conservation of natural resources, while ensuring quality of life on the campus, through adoption of innovative practices and action plans. The objectives of the practice are

- Promote environmentally responsible practices and behaviour

- Reduce inefficiencies in use of water and energy, reduce waste, promote local greenery

- To conserve biodiversity and reduce heat island effect, improve water holding capacity

- Promote alternative sources of energy, and achieve considerable resource savings

3. The context

The university has established on the preaching's of Guru Jambheshwar Ji Maharaj, practices that contribute in making an eco-friendly campus namely Conservation of water, control of Air & Noise pollution, Land, Parking, preservation of Flora & Avian Fauna, Solid Waste Treatment, Nursery, Solar Systems etc. has been adopted.

4. The Practice

Tube lights have been replaced with LED lighting fixtures; older fans replaced with more energy-efficient fans (from 200 W to 60 W). The Solar power plant with the capacity of 1MW has been installed and

commissioned in the campus. Rooftop solar plant's implementation and management has been outsourced to a Jakson Power Limited company under PPP mode. Passive building design strategies, energy efficient fixtures, renewable energy generation, high tree density on the campus and around it helps bring down the ambient temperatures.

Water—GJUST has adopted responsible water management via rainwater harvesting, wastewater treatment systems, Water efficient fixtures are installed in the campus. The campus has a adopted a mechanism of channelling rainwater towards large and open areas —the purpose is to enable maximum percolation of the rainwater into the ground. Rooftop rainwater is directed to the wells through a harvesting pit.

Wastewater management: GJUST has its own wastewater treatment facility, with a current capacity of 2.5 million litres daily (MLD). The capacity can be increased to 5 MLD in future if required. The treated water is used for irrigation in the campus and dual plumbing system in all the newly constructed buildings.

Land— GJUST has taken initiatives to maximise benefits from the available land. The University is home to a variety of plant species and trees. The campus has devoted a large area to plantations covering 294 acres out of 372 acres. The key features of the campus are shaded walkways, decorative trees, and well landscaped and maintained lawns. The University organizes five to six tree plantation drives through NSS, Swachh Bharat Swasth Bharat Abhiyan, NCC, etc annually.

Air—Air quality is maintained through green mobility and plantation. The University has 22000 fully grown trees of 51 species, 7000 semi grown trees, 15000 hedges plants along with 28 species of ornamental bushes

E-rickshaws: The University has its own five E-rickshaw to aid mobility of the staff and students.

Green infrastructure: Provisions like tree-lined and shaded cycle tracks and bicycle stands have been built along all the main routes on the campus.

Waste—Waste Segregation, inorganic waste management, organic waste treatment, educating students regarding waste segregation, single-use

plastics, etc. and policies are adopted by the University for solid waste minimization and management.

5. Evidence of success

Energy: The initiative of installation of LED and rooftop Solar Plant has led to a cost benefit of approximately Rs. 5 lakh in energy bills each month. It has also reduced on dependence of external supply of electricity. The University nursery has fifteen pits for vermi-composting with a capacity of 1 Ton in every six month and 30 pits for simple composting to meet the campus requirements.

6. Problems Encountered and Resources Required:

Automization for the process of segregation of domestic/campus waste is required for judicious disposal of different kinds of waste. There is a requirement of Road sweeping/sucker machine for cleaning of all the campus roads.

File Description	Document
Best practices in the Institutional web site	View Document
Any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

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.

The University feels proud to empower the girl students. In this row, the university has become a pioneer in giving reservation to single girl child of Haryana State in all UGC approved courses. The Academic Council and the Executive Council in its meeting held on 29.12.2015 has resolved to create one supernumerary seat in UGC courses/ programmes (except AICTE programmes) being run in the University Teaching Departments, for a single girl child of her parents or one amongst the only two girl children with no male child. Further, one more seat was created by Admission Committee in its meeting held on 01.05.2018 with effect from the session 2018-19. The Supernumerary seats are available to only one of the two girl children of her parents. To support the married girl students and scholars to complete their education without any gap or hindrance the university as per the direction of the State Government has granted maternity leave for a period not exceeding 45 days continuously in a single stretch. Further, majority of the Departments have a separate common room facility for the girl students where they can sit during free lectures. There are 04 hostels for girl students and in addition to this One hostel (Working Woman Hostel) is exclusively for Ph. D. Research scholar and Working Woman in the University in addition Psychological Counselling of the students is provided by the department of Psychology to solve relationship issues and challenges.

Out of the 348 faculty members in the University 137 are women. The women have been representing the key positions of the University like Dean Academic Affairs, Dean Students' Welfare, Chief Warden, Dean International Students and various Deans of the faculties. The girls students represent 50 percent of the total enrolment of students in various programmes. They have represented the University in various cultural and sports events at regional, state and national level. For example, Anupriya Dhiman was commander of NSS contingent at the Republic Day Parade at Rajpath, New Delhi on 26.01.2018.

For ensuring the safety of the girl students, women security guards

are deployed by the University at all conspicuous places. The University has Day Care Centre for the young children of the University headed by female coordinator with all the facilities like safe environment, attendants, airy and spacious rooms, toys etc. The University organizes special camps to take care of the health of the women of the University, for example the University organized mammography camp in collaboration with specialists from Medanta Hospital, Gurugram on 21st November 2019. University has active women cell which undertakes various activities for the welfare of women. This cell plays an important role in voicing opinions on important matters that affect the daily life of women students and teachers which actively promote gender equality.

The University has internal compliant committee for matters related to sexual harassment. The said Committee has been constituted according to the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. National Service Scheme continuously organizes workshops, programmes for different sections of the society and women related issues are always given more priority.

At Guru Jambheshwar University of Science & Technology, we sincerely intend and endeavour to make women self-reliant and economically independent. The University has been organizing varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society. Many of the departments have organized gender sensitization workshops and seminars for the benefit of women. International women's day is celebrated in the university every year on women related social, financial and legal themes.

University in collaboration with the national. State and local government also organizes special programmes for the women. To name a few:

1. Cybercrime against women on 15th October, 2018 organized by Guru Jambheshwar University of Science & Technology with the collaboration of National Commission for women and cyber peace foundation.

2. Panel Discussion on health and well-being of women was done by

Department of Applied psychology on 5th March, 2021.

3. **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.**

4. **International women day celebrated by NSS on 8th March, 2021.**

5. **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.**

6. **Directorate of youth welfare organizes programmes on international women day to celebrate women like on 8th March, 2021 they have organized poster making competition and poetry competition to commemorate this day.**

7. **Women Empowerment and Gender Sensitisation on 23 October, 2019 organised by Women Cell, GJUS&T, Hisar.**

8. **Women contribution to sustainable development on 03 February, 2020 organised by Women Cell, GJUS&T, Hisar.**

9. **Panel Discussion on International Women Day on 04 March, 2020 organised by Women Cell, GJUS&T, Hisar.**

10. **Webinar on "Life world of Women: Before and After Lockdown" on 20 June, 2021 organised by Women Cell, GJUS&T, Hisar.**

File Description	Document
Any other relevant information	[View Document](#)
Appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

We are committed to moral and ethical education as well and the 29 principles of human life are regularly taught to all students of this university by our Department of Religious Studies. We believe that an enlightened human being must be a morally and ethically strong, who can strongly believe in Indian ethos and values. Hence, we are a unique academic institution of scientific temperament, who give all respect to the core principles of humanity for building a spiritual society. Accordingly, the teaching, learning and evaluation are vital to this institution and requires meticulous planning and responsible execution mainly through team work and coordination. In the light of the same, this university looks upon these practices as pointers that lead towards the quality, efficiency and responsiveness. While this university was the first in this region to have introduced continuous evaluation of its teaching-learning outcomes by adopting credit based system (CBS), however, now we have focused on CBCS and OBE based curriculum and revised almost all programmes during the last five years.

The University campus having 372 acres of land, underwent substantial development with about 35063 Sq. meters (24% percent increase) in constructed area since 2014. Not only the span of construction but the quality designs, furnishings and fittings have also received a major fillip leading to awards and appreciations. The quality of living and physical work environment have enhanced with addition of 46 houses, added well-equipped seminar halls and expended campus wide networking. The number of books rose from 92731 in 2014 to 119235, now registering an increase of over 22 percent, thereby adding more than 26504 books every year to make the library well stocked. It has the access of more than 8000 e-journals, about 3 lacs subscribed purchased e-books, more than 7 lakh e books under National Digital Library of India programme, 5 Databses and 18310 structured NEPTEL Video Lectures.

Our university is committed to environment protection as it has more than two-third of greenery on the campus and we have taken all steps that are required to become an environment friendly institution.

Concluding Remarks :

The University, which is an 'A' Grade academic institution by NAAC for last twenty years, has undertaken a number of new steps, especially during last five years, to promote quality higher and technical education as the University is constantly striving to add to quality in all aspects covering curriculum, evaluation, research, corporate living and standards, physical and intellectual infrastructure, etc. The University has, by now, made a mark in certain areas contributing to enhancement of quality expected of a good academic institution to withstand challenges of global competitive environment. For instance, the Institutional Scopus Research h-Index of this University has crossed 100 as on today, which is highest in this region and that speaks about the commitment of its teachers to academic excellence. This is in keeping with this spirit that the University has been accredited 'A' Grade by NAAC in 2002, 2009 and 2014. Being a three time 'A' Grade University, we also got a bonus 'A' Grade for additional two years as per NAAC policy in this regard.

Based on three sixty-degree feedback and the UGC suggested CBCS and LOCF/OBE system, we revise our course-curriculums that makes our curricular practices globally relevant and practically useful. At present, the University is offering 59 UG and PG programmes and 20 Ph.D. programmes. In order to provide valuable inputs to the entrants, the teaching departments follow a multi-pronged strategy as outlined above to devise their course curricula. The University has added 14 new programmes during last five years and restructured almost all programmes. The total number of students in regular programmes is about 6000 and the teacher students' ratio is about 1:17. Since most of the programmes are professional and job-oriented in nature, thus, majority of our passing-out students are opting their career in corporate world and have achieved respectable level of acceptance in their respective areas.

The University has been doing tremendously well in adding new infrastructure, augmenting the students support services, transparent corporate governance, world-class teaching learning processes and sustainable innovative best practices as well as per the mandate of NAAC especially required for assessment and accreditation.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.3	**Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years** 1.1.3.1. Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
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2070	2071	1840	1718	1627 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
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1878	1878	1211	1524	1234	 Remark : DVV has excluded the courses which has not focus on employability/ entrepreneurship/ skill development.
1.3.4	**Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).** 1.3.4.1. **Number of students undertaking field projects or research projects or internships.** Answer before DVV Verification : 2639 Answer after DVV Verification: 2280 Remark : DVV has one student once for a year.
2.4.4	**Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years** 2.4.4.1. **Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
6	21	12	16	7 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
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03	16	06	09	04	

	Remark : DVV has considered Only State, National and International level from Government/Govt. recognised bodies.
3.3.3	**Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.** 3.3.3.1. **Total number of awards / recognitions received for *research /* innovations won by institution / teachers / research scholars / students year-wise during the last five years.** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
32	31	19	21	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
21	16	09	11	06

Remark : DVV has not consider shared certificate of participation and appreciation.

3.4.6	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years** 3.4.6.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
166	70	52	100	54

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
150	62	36	46	41

Remark : DVV has considered only ISBN numbers report.

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 last five years** 3.6.2.1. **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

| 27 | 37 | 10 | 12 | 7 |

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
19	26	9	11	7

Remark : DVV has not consider days activities.

3.6.3 — **Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years**

3.6.3.1. **Number of extension and outreach programs conducted by the institution those through NSS/NCC, Government and Government recognised bodies during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
85	42	31	24	29

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
26	38	23	12	20

3.6.4 — **Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years**

3.6.4.1. **Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
7367	4043	5801	4803	4008

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2422	3555	5049	4305	3001

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 last five years.**

3.7.2.1. **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 year-wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
40	16	14	11	09

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
19	11	9	5	4

Remark : DVV has considered one institution once for a year.

5.1.2	**Average percentage of students benefited by career counseling and guidance for competitive examinations as offered by the Institution during the last five years.**

5.1.2.1. Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1861	1535	1371	445	1606

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1220	1012	976	323	1098

Remark : DVV has made the changes as per report shared by HEI.

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 last five years.**

5.3.1.1. 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) year - wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
10	45	95	43	4

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
8	44	91	41	2

	Remark : DVV has not considered participation certificate and certificate in inter college meet.
5.3.3	**Average number of sports and cultural events / competitions organised by the institution per year** 5.3.3.1. **Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
86	26	28	15	31

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
45	18	15	7	16

Remark : DVV has not considered activities.

6.3.4	**Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).** 6.3.4.1. **Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
490	186	120	113	151

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
243	98	85	79	80

Remark : DV has excluded duplicate teachers.

2.Extended Profile Deviations

ID	Extended Questions
1.1	**Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
59	59	54	51	49

	Answer After DVV Verification:				
	2020-21	2019-20	2018-19	2017-18	2016-17
	60	60	55	52	50

2.3	**Number of students appeared in the University examination year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
11960	10592	9118	8374	7822

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
5980	5296	4559	4187	3911