



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Name of the head of the Institution	Prof. Tankeshwar Kumar
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01662263101
Mobile no.	9991291816
Registered Email	iqacellgjust@gmail.com
Alternate Email	vc@gjust.org
Address	Sirsa Raod Delhi Bye Pass
City/Town	Hisar
State/UT	Haryana
Pincode	125001

<b>2. Institutional Status</b>																									
University	State																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Prof Ashish Agarwal																								
Phone no/Alternate Phone no.	01662263512																								
Mobile no.	9416672988																								
Registered Email	aagju@yahoo.com																								
Alternate Email	iqacellgjust@gmail.com																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.gjust.ac.in/facility/iqac/2018/AQAR%2017-18-gju_311218.pdf">http://www.gjust.ac.in/facility/iqac/2018/AQAR%2017-18-gju_311218.pdf</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.gjust.ac.in">http://www.gjust.ac.in</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.26</td> <td>2009</td> <td>15-Jun-2009</td> <td>14-Jun-2014</td> </tr> <tr> <td>3</td> <td>A</td> <td>3.28</td> <td>2014</td> <td>10-Dec-2014</td> <td>09-Dec-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	2	A	3.26	2009	15-Jun-2009	14-Jun-2014	3	A	3.28	2014	10-Dec-2014	09-Dec-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
2	A	3.26	2009	15-Jun-2009	14-Jun-2014																				
3	A	3.28	2014	10-Dec-2014	09-Dec-2021																				
<b>6. Date of Establishment of IQAC</b>	03-Jan-2004																								
<b>7. Internal Quality Assurance System</b>																									
Quality initiatives by IQAC during the year for promoting quality culture																									
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries																					

Expert Lecture by Sonam Wang Chuk, Director General, Pet Hub, Buddhist Centre in Mangolia.	30-Oct-2018 1	135
IQAC Annual Meeting in the Chairmanship of Hon'ble Vice Chancellor	10-Apr-2019 1	15
Applied for NIRF Ranking	06-Dec-2018 25	1500
Applied for India Today MDRA Best Technical University Ranking	18-Jan-2019 1	1500
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**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Graded Autonomy	UGC	2019 365	0
Faculty Of Engg and Tech.	TEQIP-III	World Bank	2017 1095	63000000
Institution	RUSA	MHRD	2016 1825	194610000
Institution	DST-PURSE	DST	2017 1825	102500000
Deptt of Physics	DST-FIST	DST	2016 1825	9500000
Deptt of Mathematics	DST-FIST	DST	2017 1825	3500000
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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

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

1

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

NBA team visited the accreditation of Engg. Courses Participated in NIRF every year since 2016 Internal Academic Audit by all the departments University Got 321st Rank in UI GreenMetric world Ranking, (6th In India). University got India Education excellence award for being the best University in North India in Science Engineering and Technology Category.

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

Plan of Action	Achivements/Outcomes
To improve the NIRF Ranking of the University under different categories.	? The University will try to improve its NIRF Ranking in different categories by putting all the concrete efforts and all necessary measures will also be taken to improve the NIRF Ranking.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
University Court	19-Apr-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	24-Aug-2018
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2018
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Date of Submission	30-Mar-2019
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17. Does the Institution have Management Information System ?	No
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## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

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

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	32	B.Tech Printing	23/03/2019
BTech	33	B.Tech Packaing	23/03/2019
BTech	13	B.Tech CSE	28/05/2019
BTech	14	B.Tech IT	28/05/2019
BTech	152	BTech. ECE	01/07/2019
Mtech	151	MTech. ECE	01/07/2019
BTech	153	BTech. Electrical Engg	01/07/2019
BTech	83	B.tech Food	28/06/2019
BTech	162	B.Tech Mech	01/07/2019
Mtech	161	M.Tech Mech	01/07/2019

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

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BTech	153	01/07/2019	Computer Networks and IO T(PCC-ECE302-T)	01/07/2019
BTech	153	01/07/2019	Consumer & Industrial Elec tronics(PEC-ECE308-T)	01/07/2019
BTech	153	01/07/2019	Artificial Intelligence & Machine Learnin g(PEC-ECE411-T)	01/07/2019
BTech	153	01/07/2019	Robotics(PEC-ECE412-T)	01/07/2019
BTech	153	01/07/2019	Skill and Innovation Lab( PCC-ECE305-P)	01/07/2019
BSc	73	01/07/2019	Basic Instrumentation Skills (BPL-305)	01/07/2019

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#### 1.2 – Academic Flexibility

##### 1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Electrical Engineering	01/08/2019
MA	HIndi	01/08/2019
BTech	Civil Engg	01/08/2019
PG Diploma	P.G. Diploma in Guidance & Counseling	01/08/2019
PG Diploma	P.G.Diploma in yoga Sc. & Therapy	01/08/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Civil Electrical Engg	01/08/2018
PG Diploma	Diploma in yoga sc. & therapy and Diploma in Guidance & Counseling	01/08/2018

### 1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
One Foreign Language French	01/07/2018	134
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MCA	MCA	52
BTech	Summer training	142
MBA	Finance, International Business, Marketing and General	179
MSc	Communication Management and Technology	38
MSc	M.Sc. Microbiology	32
MSc	M.Sc. Biotechnology,	32
MPT	Internship & Major Project	32
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes

Alumni	Yes
Parents	Yes

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

#### Feedback Obtained

The Feedback is obtained from all the stakeholders including Employer and parents alumni etc. Analysis of the feedback is done at different levels. The Feedback from the students is analysed by the Chairperson of the Deptt for improving the course curriculum and other services of the university. The Controller of Exam improves the examination system so that the results are declared in time. Our university has various online services for the students for exam redressal. Feedback from teachers is analysed at the central level for improving the teaching infrastructure and library services. The Feedback from other stakeholders is also considered for the improvements and development of the university in various ways,

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	M.Sc.(Mathematics)	54	900	55
MSc	M.Sc.(Mass Communication)	54	104	50
MSc	M.Sc.(Food Technology)	34	155	38
MSc	M.Sc.(Environmental Science)	54	113	48
MSc	M.Sc.(Chemistry)	54	1064	55
MSc	M.Sc.(Biotechnology/Microbiology)	82	477	43
MSc	M.Sc.(Psychology)	54	212	56
MSc	M.Sc.(Economics)	34	62	30
BPT	Bachelor of Physiotherapy	44	420	45
BPharm	Bachelor of Pharmacy	60	1211	56

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### 2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution	Number of students enrolled in the institution	Number of fulltime teachers available in the	Number of fulltime teachers available in the	Number of teachers teaching both UG

	(UG)	(PG)	institution teaching only UG courses	institution teaching only PG courses	and PG courses
2018	742	877	95	125	130

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
350	285	55	195	65	130

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

University has a student mentoring system well in place. All the students of the university have been assigned mentors by the respective chairperson of the department. This system has improved the capability and capacity of the student.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
4477	350	1:13

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
309	196	113	3	158

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Prof.B.S. Khatkar	Professor	Carls Hosnwy Award By AFSTI Mysuru
2018	Prof. S. C. Kundu Prof. B.K.Poonia	Professor	Emerald Literati Award 2018 for Excellence in Research (2018): 1. Distinguished Academic Leader Award-foundation for management research and training 2. Ikonic Faculty Award 2019-NGO Saksham Jaipur



2018	Dr. Sandeep Kumar	Associate Professor	WARI Awarded by IUSSTF, DST, Govt of India University of Nebraska Lincoln, USA
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
PG Diploma	27	2/2	01/08/2019	31/12/2019
PG Diploma	29	2/2	01/08/2019	23/12/2019
PG Diploma	32	2/2	04/09/2019	13/12/2019
PG Diploma	28	2/2	23/08/2019	13/12/2019
MCA	15	2/2	22/08/2019	07/11/2019
MCA	14	2/2	22/08/2019	07/11/2019
PGDCA	26	2/2	22/08/2019	07/11/2019
MSc	09	4/2	23/08/2019	30/12/2019
MCA	03	6/3	12/09/2019	31/12/2019
MA	04	4/2	01/08/2019	29/11/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
485	485	100

## 2.6 – Student Performance and Learning Outcomes

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

<http://www.gjust.ac.in/>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
4	MA (Journalism)	Master of Arts (Mass Communication)	371	296	79.78
8	MA (Journalism)	Master of Arts (Mass Communication)	175	151	86.29

		) Lateral Entry			
3	MCA	Master of Computer Applications	91	34	37.36
11	MCA	Master of Computer Applications (Lateral Entry)	32	17	53.13
6	MBA	Master of Business Administration	736	472	64.13
12	MBA	Master of Business Administration (Lateral Entry) DUEL SPECIALIZATION	1	1	100
10	MBA	Master of Business Administration (Lateral Entry)	50	37	74.00
14	MSc	Master of Science (Computer Science)	38	18	47.37
1	MSc	Master of Science (Computer Science) Lateral Entry	10	1	10.00
15	MCA	Master of Computer Applications	11	3	27.27

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## 2.7 – Student Satisfaction Survey

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

<http://www.gjust.ac.in/feedback/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

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

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Dr. Sandeep	Indo-US WARI	10/05/2018	Awarded by

	Kumar		IUSSTF, DST, Govt of India University of Nebraska Lincoln, USA
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
Junior Research Fellowship	5	UGC
Junior Research Fellowship	2	CSIR
Students	4	World Bank
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### 3.2 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Any Other (Specify)	365	various	13.2	13.2
International Projects	365	ADAMA MAKHETISHIM LTD, ISRAEL and INDO US SCIENCE TECHNOLOGY, USA	21.77	21.77
Students Research Projects (Other than compulsory by the University)	365	ICSSR, DST, HSCST, DBT, CSIR, ICMR ETC.	109.61	109.61
Projects sponsored by the University	365	University	11.41	11.41
Industry sponsored Projects	365	0	0	0
Interdisciplinary Projects	365	UGC	16.17	16.17
Minor Projects	365	GJUST	1.41	1.41
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### 3.3 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
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Intellectual Property Rights Patents	CIIP	31/01/2019
Guru Jamboji and Sentiments of Peaceful Coexistence in Indian Religious	Guru Jambheshwar Ji Maharaj Institute of Religious Studies	26/02/2019
One Day National Workshop on Intellectual Property Rights	Bio Nano Technology	12/11/2018
Solid State Physics, 63rd DAE SSPS	Physics	18/12/2018
National workshop on computational system Biology and Bio informatics	Bio Nano Technology	25/02/2019
Genome Manipulations Editing and interferencesby VIGS,CRISPR and RNAi	Bio Nano Technology	05/03/2019
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### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Bug2Debug under Ministry of AYUSH	Mayank Sharma (1501343), Kuldeep (16013024), Kartikey (16013004), Hiten (16013005), Rana Atul (16013046), Jyoti Rani (16013040).ma	AICTE	03/03/2019	India Hackathon
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### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Pandit Deen Dayal Upadhaya Innovation Incubation Centre ,GJUST	Rastriya Uachatar shiksha Abhiyan	Smart Water Tank Controller	Basic Research. Principles postulated and observed but no experimental proof of concept available	03/09/2018
1	Pandit Deen Dayal Upadhaya	Rastriya Uachatar shiksha	Accelro Fitness Band	Basic Research. Principles	03/09/2018

	Innovation Incubation Centre ,GJUST	Abhiyan		postulated and observed but no experimental proof of concept available	
1	Pandit Deen Dayal Upadhaya Innovation Incubation Centre ,GJUST	Rastriya Uachatar shiksha Abhiyan	Automated Polyhouse Using Arduino And IOT	Basic Research. Principles postulated and observed but no experimental proof of concept available	03/09/2018
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

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

Name of the Department	Number of PhD's Awarded
Physiotherapy	3
Physics	9
Applied Psychology	3
Bio Nano Technology	5
Chemistry	3
Communication Management Technology	5
Computer Science Engineering	4
Electronics Communication Engineering	3
Environmental Science Engineering	9
Food Technology	2
Haryana School of Business	25
Mathematics	5
Mechanical Engineering	3
Pharmaceutical Sciences	5

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Bio Nano Technology	6	1.3
International	Pharmaceutical Sciences	50	.78
International	Bio Nano Technology	21	2.66
International	ECE	56	.61

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

Department	Number of Publication
Bio Nano Technology	7
CMT	1
GJMIRS	5
Pharmaceutical Sciences	1
Food Tech	4
CSE	2
Haryana School of Business	13
<a href="#">View File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A novel and efficient method for deinking during recycling of waste paper	Filed	201811016155	29/04/2018
Method of Detection of Detergent in Adultrated Milk	Filed	201811040066	24/10/2018
<a href="#">View File</a>			

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design, synthesis, characterization, and antimicrobial evaluation and molecular modeling studies of some dehydroacetic acid-chalcone-1,2,3-triazole hybrids	Lal K., Yadav P., Kumar A., Kumar A., Paul A.K.	Bioorganic Chemistry	2018	34	Guru Jambheshwar university of science technology , Hisar	34
Up to date review on	Gupta M., Singh V., Kumar	Journal of Cleaner Production	2018	37	Guru Jambheshwar university	37

the synthesis and thermo physical properties of hybrid nanofluids	S., Kumar S., Dilbaghi N., Said Z.				of science technology , Hisar	
Nanotherapeutics: An insight into healthcare and multidimensional applications in medical sector of the modern world	Prasad M., Lamb U.P., Brar B., Shah I., J M., Ranjan K., Rao R., Kumar S., Mahant S., Khurana S.K., Iqbal H.M.N., Dhama K., Misri J., Prasad G.	Biomedicine and Pharmacotherapy	2018	42	Guru Jambheshwar university of science technology , Hisar	42
Recent advances and remaining challenges for polymeric nanocomposites in healthcare applications	Kumar S., Sarita, Nehra M., Dilbaghi N., Tankeshwar K., Kim K.-H.	Progress in Polymer Science	2018	43	Guru Jambheshwar university of science technology , Hisar	43
Green synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles loaded sawdust carbon for cadmium (II) removal from water: Regeneration and mechanism	Kataria N., Garg V.K.	Chemosphere	2018	43	Guru Jambheshwar university of science technology , Hisar	43
Carbon nanotubes: A potential	Kumar S., Nehra M., Kedia D.,	Progress in Energy and Combustion	2018	48	Guru Jambheshwar university of science	48

material for energy conversion and storage	Dilbaghi N., Tankeshwar K., Kim K.-H.	Science			technology , Hisar	
Comparative analysis of vermicompost quality produced from rice straw and paper waste employing earthworm <i>Eisenia fetida</i> (Sav.)	Sharma K., Garg V.K.	Bioresource Technology	2018	60	Guru Jambheshwar university of science technology , Hisar	60
An enhancement of antimicrobial efficacy of biogenic and ceftriaxone-conjugated silver nanoparticles : green approach	Shanmuganathan R., MubarakAli D., Prabakar D., Muthukumar H., Thajuddin N., Kumar S.S., Puzhendi A.	Environmental Science and Pollution Research	2018	63	Guru Jambheshwar university of science technology , Hisar	63
Recent advancements in supercapacitor technology	Raza W., Ali F., Raza N., Luo Y., Kim K.-H., Yang J., Kumar S., Mehmood A., Kwon E.E.	Nano Energy	2018	179	Guru Jambheshwar university of science technology , Hisar	179
Solar energy: Potential and future prospects	Kabir E., Kumar P., Kumar S., Adelodun A.A., Kim K.-H.	Renewable and Sustainable Energy Reviews	2018	329	Guru Jambheshwar university of science technology , Hisar	329

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

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional
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Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
Design, synthesis, characterization, and antimicrobial evaluation and molecular modeling studies of some dehydroacetic acid-chalcone-1,2,3-triazole hybrids	Lal K., Yadav P., Kumar A., Kumar A., Paul A.K.	Bioorganic Chemistry	2018	85	34	Guru Jambheshwar university of science technology , Hisar
Up to date review on the synthesis and thermo physical properties of hybrid nanofluids	Gupta M., Singh V., Kumar S., Kumar S., Dilbaghi N., Said Z.	Journal of Cleaner Production	2018	85	37	Guru Jambheshwar university of science technology , Hisar
Nanotherapeutics: An insight into healthcare and multidimensional applications in medical sector of the modern world	Prasad M., Lamba U.P., Brar B., Shah I., J M., Ranjan K., Rao R., Kumar S., Mahant S., Khurana S.K., Iqbal H.M.N., Dhama K., Misri J., Prasad G.	Biomedicine and Pharmacotherapy	2018	85	42	Guru Jambheshwar university of science technology , Hisar
Recent advances and remaining challenges for polymeric nanocomposites in healthcare applications	Kumar S., Sarita, Nehra M., Dilbaghi N., Tankeshwar K., Kim K.-H.	Progress in Polymer Science	2018	85	43	Guru Jambheshwar university of science technology , Hisar

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Green synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles loaded sawdust carbon for cadmium (II) removal from water: Regeneration and mechanism	Kataria N., Garg V.K.	Chemosphere	2018	85	43	Guru Jambheshwar university of science technology , Hisar
Carbon nanotubes: A potential material for energy conversion and storage	Kumar S., Nehra M., Kedia D., Dilbaghi N., Tankeshwar K., Kim K.-H.	Progress in Energy and Combustion Science	2018	85	48	Guru Jambheshwar university of science technology , Hisar
Comparative analysis of vermicompost quality produced from rice straw and paper waste employing earthworm Eisenia fetida (Sav.)	Sharma K., Garg V.K.	Bioresour Technology	2018	85	60	Guru Jambheshwar university of science technology , Hisar
An enhancement of antimicrobial efficacy of biogenic and ceftriaxone-conjugated silver nanoparticles : green	Shanmuganathan R., MubarakAli D., Prabakar D., Muthukumar H., Thajuddin N., Kumar S.S., Puzhendhi A.	Environmental Science and Pollution Research	2018	85	63	Guru Jambheshwar university of science technology , Hisar

approach						
Recent advancements in super capacitor technology	Raza W., Ali F., Raza N., Luo Y., Kim K.-H., Yang J., Kumar S., Mehmood A., Kwon E.E.	Nano Energy	2018	85	179	Guru Jambheshwar university of science technology , Hisar
Solar energy: Potential and future prospects	Kabir E., Kumar P., Kumar S., Adelodun A.A., Kim K.-H.	Renewable and Sustainable Energy Reviews	2018	85	329	Guru Jambheshwar university of science technology , Hisar
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	50	92	24	20
Presented papers	85	108	34	17
Resource persons	16	36	12	16
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### 3.5 – Consultancy

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

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Centre of Industry Institute Partnership	Recruitment of Faculty and administrative posts	HVSU, Palwal	44106
Pt Deen Dayal Upadhyaya University computer and Informatics centre	Recruitment	GMCBL, Gurugram	63897
Pt Deen Dayal Upadhyaya University computer and Informatics centre	Recruitment	GMDA, Gurugram	63305
Printing Technology	Laboratory Prctical work	CUH, Mahendergarh	70800
Mechanical Engineering	Performain g the Experiments in mechanical Workshop	CUH, Mahendergarh	226560

Printing Technology	Laboratory Prctical work	CUH, Mahendergarh	35400
Pt Deen Dayal Upadhya University computer and Informatics centre	Recruitment	GMDA, Gurugram	258951
Pt Deen Dayal Upadhya University computer and Informatics centre	Recruitment	GMDA, Gurugram	324530
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### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NILNIL	NIL	0	0
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### 3.6 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Adventure Camp	GJUST with collaboration with placement cell GJUST Hisar	3	29
Help Desk	GJUST with collaboration with placement cell GJUST Hisar	2	25
Prerna-2018	NSS OFFICE	6	61
Green Campus Clean Campus	NSS OFFICE	5	50
Plantation	NSS OFFICE	9	125
PFMS Training of NSS Programme Officers	NSS OFFICE	175	Nil
First State Level NSS Award Function	NSS OFFICE	25	1500
NSS Day	NSS OFFICE	9	150
Rally on Cleanliness	NSS OFFICE	7	50
Workshop on Cyber security	NSS OFFICE	20	225
<a href="#">View File</a>			

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

during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
First State Level NSS Award Function	State Level NSS Award	State NSS Cell	2
Swachh Bharat Summer Internship 1.0	won 2nd position in Haryana State Prize Amount	MHRD	18
Swachh Bharat Summer Internship 2.0	won 1st Position in District	MHRD	11
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Adventure Camp	3	29
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Help Desk	2	25
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Prerna-2018	6	61
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Green Campus Clean Campus	5	50
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Plantation	9	125
State NSS Cell	Guru Jambheshwer University of Science Technology,	PFMS Training of NSS Programme Officers	175	Nil

	Hisar			
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	First State Level NSS Award Function	25	1500
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	NSS Day	9	150
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Rally on Cleanliness	7	50
State NSS Cell	Guru Jambheshwer University of Science Technology, Hisar	Workshop on Cyber security	20	225
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### 3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Student Exchange (Students did their MTech Thesis at IMTech CSIR Lab, Chandigarh)	2	Nil	180
Collaborative Research (PhD Scholars have their co-supervisors from other institutes)	12	TEQIP-III(02), Sarika and Avinash Kumar	365
Faculty Exchange (One faculties from IET Jhansi Participated at GJUST, Hisar Through Twinning Activities under TEQIP-III)	60	TEQIP-III	3
Faculty Exchange (One faculties from IET Jhansi Participated at GJUST, Hisar	50	TEQIP-III( From Mentee Institute IET, Jhansi)	2

ThroughTwinning Activities under TEQIP-III)			
Faculty Exchange (One faculties from IET Jhansi Participated at GJUST, Hisar ThroughTwinning Activities under TEQIP-III)	105	TEQIP-III( From Mentee Institute IET, Jhansi)	2
Faculty Exchange (One faculties from IET Jhansi Participated at GJUST, Hisar ThroughTwinning Activities under TEQIP-III)	30	TEQIP-III( From Mentee Institute IET, Jhansi)	3
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Sharing of research Facilities	Twinning Activities under TEQIP-III with IET Jhansi	IET Jhansi	18/01/2019	23/01/2019	4
Training	Twinning Activities under TEQIP-III with IET Jhansi	IET Jhansi	25/12/2018	30/12/2018	1
Training/W orkshop	Workshop on Research Tools in VLSI Design and Optical Communication	Trident Tech. Lab, New Delhi.	28/01/2019	30/01/2019	30
Training/W orkshop	Workshop on FPGA Design	CG CoreEl Pvt Ltd, Bangalore	13/02/2019	13/02/2019	40
Training/W orkshop	Workshop on MATLAB and Its Related Toolboxes	M/S Designtech solution Pvt. Ltd., New Delhi.	08/03/2019	09/03/2019	105

Training/Workshop	Workshop on Hands on PCB Fabrication	M/S Preltex solution Pvt. Ltd., Hisar	12/04/2019	12/04/2019	60
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Fair Quality Institute (Food Analysis Industrial Research Qualified Institute), New Delhi	18/04/2018	work together in the area of research and academia	6
T.I.M.E. Institute under NPIU Project of TEQIP-III	20/08/2019	More than 450 final year student are getting training on topics like Communication Skills, Group Discussion Skills, Interview Skills, Entrepreneurship Skills, E-Mail Writing	8
University of Guelph, Guelph, Ontario, Canada	29/11/2019	work together in the area of research and academia	10
National Research Centre on Equines, an ICAR research institute (NRCE)	05/12/2019	area of research and academia	9
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1173	918.58

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Newly Added
Classrooms with LCD facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added



Class rooms	Newly Added
Laboratories	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

#### 4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	18.11.11.000	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	104954	75953761	185	76953761	105139	152907522
e-Books	700000	Nil	Nil	Nil	700000	Nil
Journals	284	Nil	Nil	Nil	284	Nil
Digital Database	3	207000	Nil	Nil	3	207000
Others(s pecify)	32	Nil	Nil	Nil	32	Nil
CD & Video	18340	Nil	Nil	Nil	18340	Nil
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
PROF. DEVENDAR MOHAN	ATOMIC, MOLECULAR AND LASER SPECTROSCOPY	e-PG Pathshala	28/07/2018
PROF. VANDANA POONIA	PEDAGOGICAL INNOVATION AND RESEARCH METHODOLOGY	NRC	01/01/2019
Prof Umesh ARYA	ATOMIC, MOLECULAR AND LASER SPECTROSCOPY	e-PG Pathshala	28/07/2018
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#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co	Computer	Internet	Browsing	Computer	Office	Departme	Available	Others
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	computers	Lab		centers	Centers		nts	Bandwidth (MBPS/GBPS)	
Existing	1133	32	157	121	0	35	43	1	12
Added	15	4	8	4	0	9	5	0	3
Total	1148	36	165	125	0	44	48	1	15

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

1024 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
ePG Pathshala	<a href="http://epgp.inflibnet.ac.in/">http://epgp.inflibnet.ac.in/</a>
Video Lectures	<a href="http://www.gjust.ac.in/exam/vediolectur e.html">http://www.gjust.ac.in/exam/vediolectur e.html</a>
E Learning	<a href="http://www.gjust.ac.in/facility/eLearnin g.html">http://www.gjust.ac.in/facility/eLearnin g.html</a>

#### 4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
3637.03	3176.44	1173	918.58

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

The various infrastructural facilities in the campus include: Eight Teaching Blocks, Four Boys Hostels, Four Girls Hostels, One Working Women Hostel, University Central Library, Research Laboratories in each Department, University Computer and Informatics Centre, Administrative Block, University Health Centre, University Sports Grounds, Two Multipurpose Halls for Indoor Games, Guest House, Faculty House, Residences, University Cafeteria, Shopping Complex, Open Air Theatre, Post Office, Bank, Guru Jambheshwar Bhawan, Water Treatment Plant, Sewerage Treatment Plant, Animal House, Bio-Nanoo Technology Centre, Haryana School of Business, Central Instrumentation lab, Ch. Ranbir Singh Auditorium is the technical jewel of the University. The auditorium gigantic structure is capable of accommodating hundred to eighteen hundred persons at one go in its four state of the art seminar halls and theatre construction for convocations, conferences, seminars, workshops, concerts, ballets, film shows, plays, and other stage performances, etc. of national international level. Dr. Bhim Rao Ambedkar Library The University Library has a circular designed three-story building with a seating capacity of 400 seats. The Library runs in two shifts from 9.00 am to 7.00 pm and remains open on Saturday and Sunday also. The timings of Night Reading Hall are 8.00 am to 12.00 Midnight. However, during examination days, these remain open ROUND THE CLOCK. The Library has a collection of 106566 books and 5622 bound volumes of Journals. The Library has received 284 Indian Journals, 41 Magazines, and 20

Newspapers. The Library, in its electronic repository, has the access to 7500 e-journals of 19 publishers through UGC-INFONET Consortium under e-Shodhsindhu Project. Besides this, the Library has the perpetual access of SPSS and also subscribed Prowess, POP of IEEE. Also, NPTEL (National Programme on Technology Enhanced Learning) Video Lectures are available on the Campus Wide Network. A DD Free Dish under SWAYAM PRABHA Programme initiated by the Government of India having 32 Educational Channels has been installed in the Video Conferencing Hall of the library. Further to cope up with the current information demands of the science users, the library has taken the lifetime Institutional membership of the Current Science Association. To access the existing databases and e-resources, the Library has established two labs i.e. Research Database Lab for the Research Scholars Faculty Members and SC/ST students Lab with a state-of-the-art facility. Besides, the University Library provides the facility to detect check plagiarism with Turnitin: An Anti-Plagiarism Software. Moreover, to provide the access of university these in public domain, the Library has signed the MoU with INFLIBNET (Information Library Network Centre), Gandhinagar for Shodhganga Repository and accordingly the soft copies of these are being sent to INFLIBNET as and when received in the Library for uploading into Shodhganga Repository. Apart from the above, the Library has the membership of the National Digital Library of India, which is the biggest repository of its kind of e-resources for the students. Pandit Deendayal Upadhyay Computer and Informatics Centre The Deendayal Upadhyaya Computer and Informatics Centre (DUCIC) is a central facility to meet the computing requirements of all the students, research.

<http://www.gjust.ac.in/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	University Research Fellowship, Merit-cum-means Scholarship, University Merit Scholarship	25	2084068
Financial Support from Other Sources			
a) National	Post Matric Scholarship	277	998200
b) International	0	Nil	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Monthly Coding Test At UCIC	19/11/2019	15	TP Cell GJUST
Monthly Competition day-3 (Aptitude test)	16/11/2019	100	TP Cell GJUST

Workshop on Vedic Mathematics	14/11/2019	150	External Experts
Monthly Coding Test	23/10/2018	34	TP Cell GJUST
Workshop on Designing Softwares (AutoCad, SolidWorks), Industrial Automation, Android App Development	15/10/2018	45	Optra Automation
Monthly Competition day-2 ( Aptitude test, oratory competition)	11/10/2018	130	TP Cell GJUST
Orientation Program of AMCAT	14/09/2018	800	Aspiring Minds
Monthly Competition day-1 ( Aptitude test, oratory competition)	11/09/2018	250	TP Cell GJUST
One Month Training Program on Soft Skills development called UDBHAVANA	04/09/2018	250	Time,PSEL, CL
Motivational Talk On A Life From Ordinary to Extra Ordinary	02/08/2018	108	. Neeru Hasija

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Industry Interaction Programme of Food Tech Department	65	55	18	15
2018	Industry Interaction Program of ECE Department Students	56	50	28	20
2019	Industry	94	100	38	30

Interaction  
Program of  
Mechanical &  
Printing  
Department  
Students

[View File](#)

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

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
18	18	3

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Daffodil Software Ltd	119	2	TCS	70	11

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	4550	52	25	N.A.	VARIOUS P.G. AND P.h.d..

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

Items	Number of students selected/ qualifying
NET	42
SET	Nil
SLET	Nil
GATE	32
GMAT	Nil
CAT	Nil
TOFEL	Nil
TOFEL	5
Civil Services	10
Any Other	28

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

Activity	Level	Number of Participants
Basketball (W)	Inter College Tournaments	43
Basketball (M)	Inter College Tournaments	61
Baseball (M)	Inter College Tournaments	38
Badminton (W)	Inter College Tournaments	18
Badminton (M)	Inter College Tournaments	35
Athletic (W)	Inter College Tournaments	57
Athletic (M)	Inter College Tournaments	60
University Youth Festival	University level	800
Talent Search	College Level	600
All India Inter University Chess (Women)	National	16
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**5.3 – Student Participation and Activities**

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	34th Inter University National Youth Festival	National	Nil	1	173112420028, 163294,,3021310001, 2109710303, 2109710240, 2109709	9
2018	All India Inter University Shooting	National	1	Nil	0	1
2018	All India Inter University Wrestling (W)	National	4	Nil	0	4
2018	North Zone Inter University Handball	National	1	Nil	0	1

	(W)					
2018	All India Inter University Wrestling FS (M)	National	1	Nil	0	1
2018	All India Inter University Athletics (M)	National	1	Nil	0	1
2018	All India Inter University Archery (W)	National	6	Nil	0	6
2018	All India Inter University Judo (M)	National	2	Nil	0	2
2018	All India Inter University Boxing (W)	National	2	Nil	0	2
2018	All India Inter University Karate (M)	National	2	Nil	0	2

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

The University has student Union as per state government rules and regulations. There are elected members of this union. these Union members represent the various problems of students and the administration resolves them amicably. The feedback of students is also obtained regularly for modification in the curriculum and improvement of services to the students.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Guru Jambheshwar University of Science and Technology has a long tradition of pursuing excellence in teaching and research with a focus on new frontiers of technology, pharmacy, environmental studies, non-conventional energy sources and management studies. The University has decided to create a Department of Alumni Relations to cherish long-lasting and meaningful with its former students for mutual pride and enrichment. The major objectives of the Department are to: Establish a link with the GJUST alumni and enroll them as members of Guru Jambheshwar University of Science and Technology Alumni Association (GJUSTAA) Provide an interactive platform to students and alumni by

organizing alumni meet Establish liaison between University Alumni Association and other similar associations in the country and abroad Undertake activities that help the current students in grooming for and availing better placement opportunities Raise various endowment funds, and award stipends out of it to the deserving students on need-cum-merit basis Institute and disburse scholarships, fellowships, medals, awards, etc. to the meritorious students of the university out of the corpus of the Association Seek donations from alumni and potential donors for promoting various righteous activities of the Association Suggest ways and means for the participation of the alumni in the working of the University Honor distinguished alumni who have brought national/global acclaim in their respective domains Please do allow us to welcome you as a distinguished member of the GJUSTAA by returning the Membership Form, duly completed, with your photograph and valued remittance.

5.4.2 – No. of registered Alumni:

556

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

556000

5.4.4 – Meetings/activities organized by Alumni Association :

01

## **CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 – Institutional Vision and Leadership**

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

To develop the University as a Centre of Excellence for the quality teaching, research and extension services to produce the dynamic and knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society. Digital Learning and Monitoring Cell (DLMC) has been established to promote digital learning and initiatives. Faculty members and students of all the University Teaching Departments are encouraged to explore and register themselves on the SWAYAM portal. DLMC monitored action plan 17-by-17 and resolved that awareness sessions for faculty Members of all UTDs be conducted to publicize the SWAYAM portal and other digital initiatives. So far as 742 students have registered on SWAYAM Portal, one DD free dish for SWAYAM-PRABHA is successfully installed and open for all students in the library and a large number of students and teachers are registered with NDL. Admissions, Student assessments, payroll, fee collection, scholarship disbursement, Salary payments, canteen transactions, etc. are being done digitally. Installed KOHA- open source ILS- Integrated Library System which connects the library with International Academics. Taken life membership of the Current Science Association for continuous access to its publications. Continuous subscription of paid databases i.e. PROWESS, POP of IEEE, SPSS-Perpetual Access for research up-gradations. The University has continued access to NPTEL Videos accessible through Campus Wide Networking. The University has recently purchased one anti-plagiarism software i.e. Turnitin to foster academic integrity.

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

Partial

### **6.2 – Strategy Development and Deployment**

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



Strategy Type	Details
Human Resource Management	The University has its own well functioned HRDC, it has been ranked No. 1 in India by NAAC. The university teachers participate in various programmes conducted by the HRDC.
Library, ICT and Physical Infrastructure / Instrumentation	New teaching block and centralized university informatics and computer center have been established for better ICT services. The University Library has access to various online journals and books including NDL i.e. national digital library etc.
Research and Development	The university has received an amount of Rs. 10.25 under DST-PURSE programme. Some of the equipments namely LC-MS, UHPLC have been purchased and purchase of RAMAN spectrometer and powder x-ray diffractometer. The University has also been sanctioned an amount of Rs. 50 Crore from MHRD for Research and Innovation out of which an amount of Rs. 7.5 crore has been received.
Examination and Evaluation	The University has adopted various online examination services for the students.
Teaching and Learning	ICT tools are actively used by the faculty members for effective teaching and learning.
Curriculum Development	The University has adopted AICTE model curriculum in its all B.Tech. and M.Tech. programmes. This will lead to better U.G. and P.G. graduates. Students feedback is also taken for curriculum development.
Industry Interaction / Collaboration	The University has CIIP for interaction and collaboration with industry. Some MoUs have also been signed with leading industries including one with ADAMA-AGA Israel.
Admission of Students	The admission to various B.Tech. are through JEEE mains and its is centralized at state level. Students apply for admission through online mode only.

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

E-governance area	Details
Student Admission and Support	The admission to various B.Tech. are through JEEE mains and its is centralized at state level. Students apply for admission through online mode only.

Examination	The University has adopted various online examination services for the students.
Finance and Accounts	Online accounts are maintained by the University for financial purposes.
Administration	The minutes of various statutory bodies namely the Executive Council, Academic Council, University Court, etc. are available on the University website. Various notices, forms, applications, tenders, advertisements for recruitments are made online.
Planning and Development	Many issues related to planning and development on the University are done through online mode.

### 6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	DR.RAMNISH KUMAR	GIAN WORKSHOP	GIAN	2500
2018	MS.MANISHA	REFRESHER COURSE	UGC-HRDC, GJUST, HISAR	1000
2018	MS.PRIYANKA	REFRESHER COURSE	UGC-HRDC, GJUST, HISAR	1000
2018	DR.REKHA RAO	INTERNATIONAL CONFERENCE	M G UNIVERSITY, KERALA	10000
2018	MS.RITU	FACULTY DEVELOPMENT PROGRAMME	IEEE, DELHI SECTION and IIPC (AICTE)	4600
2019	DR.VIZENDER SINGH	INTERNATIONAL CONFERENCE	DELHI TECH. UNIVERSITY, DELHI	10000
2019	DR.KULANDAIVE LAN S	NATIONAL CONFERENCE	APPI INDIA	10000
2019	DR.UMESH ARYA	NATIONAL CONFERENCE	SYMBOISI INST. OF COMM., PUNE	10000
2019	Dr.Vivek Gupta	INTERNATIOL SCHOOL	NIT, Kurukshetra	10000
2019	Prof.Sunita Srivastava	NATIONAL CONFERENCE	Lohia Avadh University, Faizabad	3429
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the University for

teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Orientation Course	Orientation Programme-32	23/05/2019	12/06/2019	35	Nil
2018	workshop on moocs econtent Development and OER	Workshop on MOOCs, e-Content Development and OER	04/02/2019	09/02/2019	50	Nil
2019	Orientation Course	Orientation Programme-31	28/02/2019	27/03/2019	34	Nil
2018	Workshop on spiritualy Yoga ans Ethics	Workshop on spirituality	01/10/2018	06/10/2018	Nil	33
2019	Short Term Programm on research methodology	Short Term Programm on research methodology	11/02/2019	16/02/2019	1	Nil

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Orientation Programme-32	35	23/05/2019	12/06/2019	20
Orientation Programme-31	34	28/02/2019	27/03/2019	28
Orientation Programme-	32	12/11/2019	07/12/2019	27
Orientation Programme-29	30	07/06/2018	04/07/2018	28
Orientation Programme-28	30	21/05/2018	16/06/2018	26
ICT-Preparing Teachers for 21st Century (ID) RUSA Sponsored	29	13/06/2019	26/06/2019	14

Hindi Sanskrit (Core)	24	27/05/2019	08/06/2019	13
Commerce, Economics Management	41	26/11/2018	15/12/2018	20
Research Methodology (ID)	30	15/11/2018	05/12/2018	21
Information Communication Technology (ID)	54	21/06/2018	11/07/2018	23
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	35	7	7

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
5	5	11

## 6.4 – Financial Management and Resource Mobilization

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

<p>The University has both Internal and State Govt. Audit. Each and every financial transaction is mandatory to be approved either by the Internal Audit Cell or by the State Government auditors, followed by the post-audit. All the rules framed by different organizations are followed while making any financial transactions. The appointment of the auditors in the university is made by the finance department of the state government.</p>
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6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	0
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6.4.3 – Total corpus fund generated

100000000
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## 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	The senior faculty members of the department as well as atleast one external	Yes	The senior faculty members of the department as well as atleast one external

		expert of the concerned faculty.		expert of the concerned faculty.
Administrative	Yes	By the Finance Dept of haryana	Yes	A team of 7 Person Headed by the Assistant Registrar

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

Time to time all necessary measures are taken to promote autonomy in the affiliated colleges.

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

1 Feedback from parents is obtained for improving the performance of the students. 2 The annual meeting of parents and teachers are held in respective departments for improvements. 3 Parents are invited if there is any issue regarding the student.

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

1 Time to time workshops are conducted by CIIP and HRDC. 2 The University computer center conducts training on various ICT tools. 3 training is also carried out for various technical staff appointed in the university.

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

1 ALL THE ACADEMIC PROGRAMMES ARE APPROVED BY THE STATE GOVT. AND REGULATORY BODIES. 2 BETI BACHAO-BETI PADHAO ABHIYAN 3 ADDITIONAL SEATS FOR SINGLE GIRL CHILD 4 MATERNITY LEAVE FOR STUDENTS 6 MONTHS 5 UNNAT BHARAT ABHIYAN SWACHH BHARAT ABHIYAN VILLAGES ADOPTED. 6 ANTI-PLAGIARISM SOFTWARE i.e. TURNITIN IS AVAILABLE 7 DIGITAL LEARNING AND MONITORING CELL HAS BEEN ESTABLISHED 8 PRADHAN MANTRI KAUSHAL VIKAS YOJANA: 5 COURSES HAVE BEEN COMPLETED IN 2017-18 9 PANDIT DEEN DAYAL UPADHYAYA INNOVATION AND INCUBATION CENTRE: PROJECTS AWARDED TO THE STUDENTS. SEWAGE TREATMENT PLANT: CAPACITY OF 2.5 MLD. 10 GREEN CAMPUS OF THE YEAR AWARD: BY THE WORLD MANAGEMENT CONGRESS. 11 NOS. OF RAINWATER HARVESTING SYSTEMS. 12 MW SOLAR POWER PLANT HAS BEEN INSTALLED. 13 05 NOS OF E-RICKSHAWS. 14 AWARD TO THE TOPPER STUDENTS OF INTERNAL ASSESSMENT EXAMINATIONS.

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Expert Lecture by Sonam Wang Chuk, Director General, Pet Hub,	31/10/2018	31/10/2018	31/10/2018	135

	Buddhist Centre in Mangolia.				
2018	Applied for NIRF Ranking	06/12/2018	01/11/2018	06/12/2018	1500
2019	IQAC Annual Meeting in the Chairmanship of Honble Vice Chancellor	10/04/2019	10/04/2019	10/04/2019	15
2019	Applied for India Today MDRA Best Technical University Ranking	18/01/2019	01/01/2019	18/01/2019	1500

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
1	08/03/2019	08/03/2019	125	5

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

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

A Roof Top Solar Power Plant of 1 MW capacity on Power Purchase Agreement (PPA) MODE HAS BEEN SET UP IN THE University Campus on terraces of the various buildings of the University. This plant has been set up in line with the vision of the State Govt. of Haryana as well as Govt. of India for setting up of more and more power plants and to harness the energy of the Sun for the generation of electricity. 05 nos of E-Rickshaws move on the University roads to take the students/staff from one place to another that too without harming the beauty of the Green Campus. Sewage Treatment Plant with a capacity of 2.5 MLD has been installed on the Campus. The quality of treated effluent is excellent and less than 10 BOD which is fit for irrigation purposes. Disposal of biological waste through a synergy waste management system including microorganisms and laboratory animals has been established. The University has the Policy on the use of Biological Resources by the Researchers/ Scientists/Universities/Educational Institutions regarding the compliance of the National Biodiversity Act, 2002 and National Biodiversity Rules, 2004. With the goal to save water 25 nos. of Rain Water, Harvesting Systems have been installed in the hostels/buildings. To irrigate the lawns, a water sprinkler system has been provided to optimize the use of water. Fly-ash bricks/AAC blocks are being used on the various construction sites in the University Campus. Vermi Compost manure is being made in the campus from the waste

material such as leaves of the trees

### 7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	250
Provision for lift	Yes	145
Physical facilities	Yes	50
Braille Software/facilities	Yes	5
Rest Rooms	Yes	5
Scribes for examination	Yes	3
Special skill development for differently abled students	Yes	2

### 7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	15/10/2018	1	Workshop on Cyber security	cyber security	257
2018	1	1	30/11/2018	1	World Aids Day	World Aids Day	587
2019	1	1	24/01/2019	7	Seven Day Camp at village Shahpur	Youth For Rural Reconstruction	366

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

Title	Date of publication	Follow up(max 100 words)
Citizen Charter	02/07/2018	The establishment branch deals with all establishment and service matters of the non-teaching staff. Faculty Branch deals with matters of the teaching staff. Academic Branch deals with all the Admissions, Syllabi, Clarification of Rules, Meetings of Court, Executive Council,

		<p>Academic Council, Faculties, Boards of Studies, and all other academic matters.</p> <p>Registration Branch deals all Registration of students, Ph.D., Regn. Inter-University and Intercollege Migration Certificates. Scholarship and SC/ST Cell deals all Scholarships, Stipends. All kinds of purchases, Including stationery, Maintenance of stores maintained by the General branch. University Works Department looks after all construction, Maintenance, Including Civil, Electrical, Public Health work.</p>
Citizen Charter	02/07/2018	<p>Colleges Branch maintain the affiliation, Selection, and other matters related to colleges. EXAMINATIONS wings divided into three branches</p> <p>1. Result Branches deals Examination forms and all inquiries relating to results, DMCs Degrees, Provisional Certificates, Result gazettes, Issue of Provisional certificates/ Duplicate DMCs/ Degrees.</p> <p>2. Conduct Branch Conduct of Theory and Practical Examinations, Date Sheets, UMC Cases, etc.</p> <p>3. Secrecy Branch Re-Evaluation Branch Paper Setting, Evaluation of Answer Books, Ph. D. Thesis, Re-Evaluation/rechecking of Answer Books. Girls Hostels includes Working Women Hostel looks at all matters pertaining to Girls. Boys Hostels all matters pertaining to Boys' Hostel.worklooks</p>
Citizen Charter	02/07/2018	<p>Health Centre Medical cares for the students and employees. Sports</p>



Office deals with all the sports activities of students. Security Office arranges the campus Chief Security. LIBRARY SERVICES will deal by University Library. Accounts Branch maintains All accounts matters including Fee, Salaries, Loans, Remuneration, TA, DA, LTC, Medical Reimbursement, Pension etc. Dean of Students' Welfare All students' welfare matters including Cultural and Sports Dean, Students' Welfare. Directorate of Sports Sports looks at all related activities of Sports. Directorate of Youth Welfare will maintain the Cultural related activities Director, Youth Welfare. Proctor All matters relating to students' discipline, campus security, vehicle parking/ stickers, and ragging, etc.

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

Activity	Duration From	Duration To	Number of participants
NSS Day	24/09/2018	24/09/2018	212
Rally on Cleanliness	02/10/2018	02/10/2018	245
National Unity Day	31/10/2018	31/10/2018	381

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

1. 100 Energy efficient types of equipment installed. 2. Rooftop solar panels on all the university buildings. 3. E rishkaws are used. 4. Use of Sewerage treatment plant 5 Pitcher irrigation system is used.

### 7.2 – Best Practices

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

A Roof Top Solar Power Plant of 1 MW capacity on the Power Purchase Agreement (PPA) model has been set up in the University Campus on terraces of the various buildings of the University. 05 nos. of E-Rickshaws move on the University roads to take the students/staff from one place to another. The University has the Policy on the use of Biological Resources by the Researchers/ Scientists/Universities/Educational Institutions regarding the compliance of

the National Biodiversity Act, 2002 and national Biodiversity Rules, 2004. Two supernumerary seats are reserved for Single Girl Child in several courses of the University. The provision of MATERNITY LEAVE FOR FEMALE STUDENTS for 6 months has been introduced.

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

<http://www.gjust.ac.in/feedback/>

### 7.3 – Institutional Distinctiveness

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

A total of 2555 research papers published by the faculty in peer-reviewed journals of national and international repute have been listed on Scopus with over 39120 citations. One Paper cited more than 1492 times, 55 papers cited more than 100 times and average paper citations 14.63. At present the h-Index of the University has also gone up to 79 from 17 in 2009-10. Eight departments of the university have been awarded the SAP-DRS projects by UGC while three departments have been awarded FIST grant from DST, Nano Mission Grant from DST, HRD and BIF grant DBT Govt. of India. The MHRD, Government of India and the UGC have approved the inclusion of this university in the Global Initiative of Academic Networks (GIAN Project) which is a prestigious and ambitious scheme for significantly uplifting the quality of teaching-learning processes in the institutions of Higher Education in India. The University has been sanctioned a grant of Rs.19.46 Crore for infrastructure development Rs.1.0 Crore for Human Resource Development Centre from Department of Higher Education, Ministry of Human Resource Development, Govt of India Under Rashtriya Uchchatar Shiksha Abhiyan (RUSA-I). DST, New Delhi has sanctioned a grant of Rs.10.25 crores under the PURSE program to the University. The University has also been sanctioned Rs. 50 crores under RUSA-II MHRD for research and innovation.

Provide the weblink of the institution

<http://www.gjust.ac.in>

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

? The University will try to improve its NIRF Ranking in different categories. ? The University will apply for other prestigious National International Rankings. ? Times Higher Education World University Ranking ? NIRF ? MDRA-India Today Best Technical University Ranking etc. ? The University will start new courses from the academic year 2020-21. ? The automation of the Examination System shall be made for instant discourse of matters related to the examination system. ? Online applying for Re-Evaluation has already been started. ? Recruitment of advertised faculty positions shall soon be fulfilled to increase the Faculty-Student ratio. ? The recruitment of vacant positions of Non-teaching staff is already under the final phase and the same should be completed at the earliest ? The CHOICE BASED CREDIT SYSTEM shall also be introduced in all the courses of affiliated colleges from the Academic Session 2020-21. ? Massive Open Online Courses shall also be started in the affiliated colleges. ? Implementing MOOCs courses in the programs being offered in the campus, departmental coordinators should be appointed by the Chairperson. ? The University is on the way of starting online courses through the Directorate of Distance Education. ? Software for online attendance of the students will be launched from the academic session 2020-21 ? The University will make a tie-up with online job portals for the maximum availability of jobs for the University students. ? The University shall conduct a workshop for its stakeholders to appraise the revised NAAC guidelines and it was resolved that a committee for this purpose may be constituted.

