

The Annual Quality Assurance Report (AQAR)

For Academic Session: 2014-2015

**Submitted To
The National Assessment and Accreditation Council (NAAC),
P. O. Box No. 1075
Nagarbhavi, Bangalore -560072**



**Submitted By
Director, Internal Quality Assurance Cell (IQAC)
Guru Jambheshwar University Of Science and
Technology, Hisar 125001 (Haryana)**

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राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

**The Annual Quality Assurance Report (AQAR)
For the Academic Session 2014-2015**

Submitted

By

**Internal Quality Assurance Cell (IQAC)
Guru Jambheshwar University of Science and Technology,
Hisar 125001 (Haryana) INDIA**

Part – A

I. Details of the Institution

1.1 Name of the Institution

Guru Jambheshwar University of Science & Technology, Hisar

1.2 Address Line 1

Guru Jambheshwar University of Science & Technology, Hisar

Address Line 2

Guru Jambheshwar University of Science & Technology, Hisar

City/Town

Hisar

State

Haryana

Pin Code

125001

Institution e-mail address

vc@gjust.org
registrar@gjust.org

Contact Nos.

+91-1662-276192
+91-1662-276026

Name of the Head of the Institution:

Prof. Tankeshwar Kumar
Vice-Chancellor

Tel. No. with STD Code:

+91-1662-263101, 276192

Mobile:

+91-99912-91816

Name of the IQAC Co-ordinator:

Prof. Neeraj Dilbaghi

Mobile:

+91-94664-02891,

IQAC e-mail address:

iqac@gjust.org
ndnano@gmail.com.

1.3 NAAC Track ID (*For ex. MHCOGN 18879*)

HRUNGN10068

1.4 NAAC Executive Committee No. & Date:

*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

EC(SC)/04/RAR/89 dated 10-12-2014

1.5 Website address:

www.gjust.ac.in

Web-link of the AQAR:

<http://www.gjust.ac.in/naac/iqac/aqar2014-15.doc>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	NA	01.10.2002	5 Years
2	2 nd Cycle	A	3.26	15.06.2009	5 Years
3	3 rd Cycle	A	3.28	10.12.2014	5 Years

1.7 Date of Establishment of IQAC :DD/MM/YYYY

03.01.2004

1.8 AQAR for the year (for example 2010-11)

2014-2015

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR : 22.11.2012 (DD/MM/YYYY)
- ii. AQAR: 22.11.2012 (DD/MM/YYYY)
- iii. AQAR: 22.11.2012 (DD/MM/YYYY)
- iv. AQAR: 27.11.2013 (DD/MM/YYYY)
- v. AQAR: 01.04.2016 (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Physical Sciences

1.12 Name of the Affiliating University (for the Colleges)

N.A.

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

State

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (Specify)

DBT-PG
TEQIP-II
Radioecology
Centre (BARC)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

09

2.2 No. of Administrative/Technical staff

03

2.3 No. of students

01

2.4 No. of Management representatives

02

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held :

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
The IQAC will works towards improvement of teaching and research activities. The Construction of New Central Instrumentation Lab and Hostels for Better Academic and Residential Facilities for Students. The IQAC aims to offer a new Choice based One Open Elective course, Establishment of Research Board and initiate process for online admissions.	All planed activities were constantly monitored and implemented throughout the 2014-15. The 'Report on Benchmarking of Administrative Processes/Citizen Charter, Students Support Institutional Services, Research Quality Standards, Modern Teaching Pedagogies, Extension-Cum-Social Interface, Benchmarking of University Website and Information Standardization Process, University's Publicity and Marketing Policy were

	<p>framed, approved and implemented.</p> <p>The University has attempted to achieve all planned activities and as an outcome of the same the University was re-accredited 3rd time as 'Grade-A' by NAAC.</p>
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2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The Annual Quality Assurance Report prepared by IQAC is placed before the Court (the apex statutory body of the university) for its perusal and further suggestions.

UNIVERSITY ACADEMIC CALENDAR FOR 2014-15

SCHEDULE OF TEACHING AND VACATIONS FOR THE ACADEMIC SESSION 2014-2015	
ADMISSIONS : 04.07.2014 onwards	
(Under Semester System)	
ODD SEMESTER	
Teaching	14/07/2014 to 27/11/2014
Preparatory days, including Practical's*	28/11/2014 to 05/12/2014
End Semester Examinations (Major Test)	06/12/2014 onwards
Winter Vacations	25/12/2014 to 09/01/2015
*Note : - Practical Examinations wherever applicable, may be conducted during this period	
EVEN SEMESTER	
Teaching	12/01/2015 to 30/04/2015
Preparatory days, including Practical's*	01/05/2015 to 06/05/2015
End Semester Examinations (Major Test)	07/05/2015 onwards
Summer Vacations	16/05/2015 to 30/06/2015
*Note : - Practical Examinations wherever applicable, may be conducted during this period	

SCHEDULE OF MINOR TESTS

ODD SEMESTER	
1st Minor Test	3rd week of September
2nd Minor Test	3rd week of October
EVEN SEMESTER	
1st MINOR TEST	3rd week of February
2nd MINOR TEST	3rd week of March
<p>Note : - (i) Second Saturday of every month shall be a holiday. If the number of teaching days falls less than 180 days in the academic session 2014-2015 due to some unforeseen reasons, it should be the responsibility of each teacher to make good the loss by taking extra classes.</p> <p>(ii) The Academic Calendar for the Engineering courses will be as per the Haryana State Technical Education Society, Panchkula admissions.</p>	

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	16	1		
PG	36+8 (DDE)		21	
UG	9+2 (DDE)		7+2	
PG Diploma	7 (DDE)			
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	78	1	30	

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options **CBS**

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	45 All Programmes

Trimester	
Annual	

1.3 Feedback from stakeholders* (On all aspects) Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The Syllabus of M. Sc (Biotechnology), M.Sc. (Microbiology) and M. Tech (Nano Science & Technology) was revised during this period. Also, the Syllabus of various M. Tech programmes were updated.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
184	98	24	62	05

2.2 No. of permanent faculty with Ph.D.

127

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
20	25	02	36	--	29	02	04	24	94

2.4 No. of Guest and Visiting faculty and Temporary faculty

14

72

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	33	84	08
Presented papers	46	105	08
Resource Persons	08	29	04

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Use of Audio Video Aids including power-point shows, scientific documentaries, Conduct of Remedial Classes of Week students, Science Quiz, poster presentation, debates, Class Seminars, technical issues etc.

2.7 Total No. of actual teaching days

during this academic year

223

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Bar Coding

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

93

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

81

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared/ sanctioned	Distinction	I st %	II nd %	III rd %	Pass %
M.Tech. (Computer Science & Engineering)	25/30		72			
M.Tech. (Environmental Science & Engineering)	5/20					2
M.Tech. (Electronics & Communication Engineering)	13/20		53			
M.Tech. (Mechanical Engineering)	36/20		77.2	22.72		61.1
M.Tech. (Printing Technology)	21/30	---	2	---	---	2
M.Tech. (Nano Science and Technology)	15/20		86			
M.Tech. (Optical Engineering)	4/20		100			100
M.Tech. (Food Engineering)	40/20	7	65	2	--	--
M.Tech. (Geo-Informatics)	17/20					5
M.Tech. (Biomedical Engineering)	20	Admission was started in 2014.				
M.Pharm. (Pharmaceutical Chemistry)	6/15	17	67			
M.Pharm. (Pharmaceutics)	15/15	20	60			
M.Pharm. (Pharmacology)	10/10		70			
M.Pharm. (Pharmacognosy)	10	No admission was made in 2013-15				
Master of Physiotherapy (Musculoskeletal Disorders)	10					
Master of Physiotherapy (Sports Physiotherapy)	05		05	05	--	41.60
Master of Physiotherapy (Neurological Disorders)	10					
Master of Physiotherapy (Pediatric Physiotherapy)	05					
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	05					
Master of Computer Applications	65/60	31	55	8	0	94

Master of Business Administration (MBA)	141/90					
MBA- Finance	30		35	10	--	--
MBA-Marketing	30					
MBA-International Business	30					
MBA-Part Time (Evening)	40	Nil	Nil	Nil	Nil	Nil
M.Com.	33/40		20	05		
M.Sc. (Psychology)	50					
M.Sc. (Biotechnology)	30/24		43.33	20	3.33	
M.Sc. (Microbiology)	27/30		30	6.67	6.67	
M.Sc. (Chemistry)	52/50					
M.Sc. (Environmental Sciences)	16/50	--	--	--	--	15
M.Sc. (Food Technology)	59/30	--	35	13	50	--
M.Sc. (Mass Communication)	33/50	---	3	27	--	--
M.Sc. (Mathematics)	54/50	6	14	02	--	40.7
M.Sc. (Physics)	60/50	--	85	--	--	85
M.Sc. (Advertising Management & PR)	10/50	--	80	20	--	--
Bachelor of Pharmacy	67/60	5	18	21	6	
Bachelor of Physiotherapy	68/40	--	15	13	2	44.11
B. Tech. (Biomedical Engineering)	40		15	3		47
B. Tech. (Computer Science & Engineering)	145/120	56	31	2	--	89
B. Tech. (Electronics & Communication Engineering)	140/120	0.05	36	0.05		47
B. Tech. (Information Technology)	75/60	20	11	1		32
B. Tech. (Mechanical Engineering)	280/60		91.0	5.4		52.8
B. Tech. (Printing Technology)	71/60	04	13	04		44
B. Tech. (Food Engineering)	167/60	15	70	10	5	
B. Tech. (Packaging)	70/60	01	21	06		49

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

IQAC acts as Co-ordinator in different teaching learning process. It monitors the strict & smooth implementation of academic calendar of the University.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	40
UGC – Faculty Improvement Programme	NIL
HRD programmes	3
Orientation programmes	71
Faculty exchange programme	NIL
Staff training conducted by the university	33
Staff training conducted by other institutions	6

Summer / Winter schools, Workshops, etc.	141
Others	24

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative & Technical Staff	364 207	70 17	47 19	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC addressed various issues to improve the quality of research output in the university and have outlined criteria for research benchmarking.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	13	25	02	06
Outlay in Rs. Lakhs	78.00	220.00	22.00	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	15	15	25
Outlay in Rs. Lakhs	4.00	11.00	11.00	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	256	73	07
Non-Peer Review Journals	05	04	00
e-Journals	88	02	00
Conference proceedings	118	57	00

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

(Rs. in Lakhs)

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 Year	UGC	28.60	18.15
Minor Projects	6 Month to 1 Year	UGC	11.00	11.00
Interdisciplinary Projects	3 Year	DST	80.00	52.40
Industry sponsored	2 Year	DST	26.00	12.55
Projects sponsored by the University/College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			145.6	94.1

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	11	02	03	00
Sponsoring agencies		UGC/ State Govt.			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
03	--	03	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events: NA

University level State level

National level International level

3.23 No. of Awards won in NSS: University level State level
National level International level

3.24 No. of Awards won in NCC: NA
University level State level
National level International level

3.25 No. of Extension activities organized
University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- The University has entered into several MOUs with different organisations/ institutions for collaborative research and development in mutually agreed areas of academics.
- The University has constituted the Business Development Group (BDG). The BDG has been mandated to foster closer ties with the Corporate World, Industry Association, Government agencies, Multi-lateral bodies and others for the purpose of soliciting consultancy assignments, collaborative research projects, and establishment of study chair in the University and placement activities of the students.
- Centre for Behavioural Research & Intervention is working on sponsored research projects in the field of behaviour modification, HIV/AIDS, Violence etc., Psychological Testing has been the integral part of centre covering personality, ability, aptitude and assessment of mental health. The centre has been providing all the services to the students as well as referral cases free of cost throughout the year.
- The OPD facility by the Department of Physiotherapy are offered to the general public of in and around Hisar and that to free of cost by this University.
- The University has tied up with insurance companies to provide student safety insurance policy to cover the undesirable incident in this regard.
- The NSS unit of this University regularly organized awareness camp on socially like female foeticide, dowry, HIV/AIDS etc. for general welfare of the society.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing Nos. Area	Newly created Nos. Area	Source of Fund	Total Nos. Area
------------	--------------------	-------------------------	----------------	-----------------

	(In SQM)		(In SQM)			(In SQM)	
Campus area : 372 Acres							
Class rooms	66	4894	27	2206	State Govt./ Internal resources of the University	93	7100
Laboratories	241	11547	52	2161		293	13708
Seminar Halls	3	Seating Capacity 378	5	Seating Capacity 610		8	Seating Capacity 988
No. of important equipments purchased (\geq 1-0 lakh) during the current year			1	Seating Capacity 1800		1	Seating Capacity 1800
Value of the equipment purchased during the year (Rs. in Lakhs)							
Others							

4.2 Computerization of administration and library

During the financial year 2014-15, an amount of Rs. 2575542/- was spent on purchase of books and 2753 books of different titles were added to the existing stock of 92781 books and making the total collection of 95534. The amount includes the grants received from funding agencies like DBT, DST, NBHM, UGC-SAP etc. All the grants received from these agencies were fully utilized.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	92781	61677719	2753	2575542	95534	64253261
Reference Books	--	--	--	--	--	--
e-Books	--	--	--	--	--	--
Journals	--	--	--	--	62	144684
e-Journals	--	--	--	--	175+169+ 125	882697
Digital Database	--	--	--	--	J-Gate& Prowess	234270
CD		Received with books		Received with books		--
Video			--	--		
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	127	NA	1 Gbps MBPS NKN link & 16 MBPS	-----	127	All	All	All
Added	04	NA	-----	-----	04	All	All	All
Total	131	NA	1 Gbps MBPS NKN link & 16 MBPS		131	All	All	All

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

The University has organized three workshop cum training programmes for its students and staff to make them aware about the concept of networking and e-Governance, however, the process is continue and the University is quite enthusiastic about it.

4.6 Amount spent on maintenance in lakhs : for the year 2014-15 (Rs. in lacs)

i) ICT	10.11
ii) Campus Infrastructure and facilities	13.50
iii) Equipments	5.20
iv) Others	4.27
Total :	33.08

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC has recommended the benchmarking for student support institutional services on the campus relating to Hostel facilities, sports and recreational activities, services related to admissions, scholarship and examination in its 5th meeting held on 30.09.2014. Various services ranging from fee concession to health and hygienic environment on campus have been assured through such standardization process duly approved by competent decision making bodies of the university.

5.2 Efforts made by the institution for tracking the progression

The University has a active Training and Placement Cell which facilitates the students for summer internship and placements. Further, the University organize remedial classes and coaching to the needy students especially SC/ST/OBC categories with regard to UGC/NET, Civil services, Defence services, Bank POs etc. The database of alumni is also maintained online by the Head UCIC through designation web link in this connection. The University intends to strengthen its alumni cell further.

	UG	PG	Ph. D.	Others
5.3 (a) Total Number of students	2603	1680	264	--

(b) No. of students outside the state

(c) No. of international students

Last Year (2013-14)						This Year (2014-15)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2535	739	--	1124	39	4434	2372	716	--	1195	12	4295

Demand ratio 1:35 Dropout % Less than five percent

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Yes, UGC sponsored Remedial Coaching Schemes for SC/ST/OBC (Non-Creamy Layer) & Minority Students is regularly imparted. Two Batches for Coaching of Net Classes (May-Jun and Nov-Dec) and Two Batches for Bank PO and other competitive exams (Feb-March and Aug-Sep) are conducted under this scheme.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="71"/>	SET/SLET	<input type="text" value="--"/>	GATE	<input type="text" value="28"/>	CAT	<input type="text" value="--"/>
IAS/IPS etc	<input type="text" value="--"/>	State PSC	<input type="text" value="--"/>	UPSC	<input type="text" value="03"/>	Others	<input type="text" value="13"/>

5.6 Details of student counselling and career guidance

The Centre (CBRI) has been involved in providing psychological counselling to students, patients. Career counselling, personality development, awareness programme, community intervention programme, conducting workshops and seminars on psycho-social problems are some of the major objectives of the centre.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
13	314	67	20

5.8 Details of gender sensitization programmes

Yes, the University keeps organizing such meetings quite frequently. Further, whereas there is a University women cell consisting of senior Professors/Officers/Social workers/Civil Administration which looks after the issues relating to females on the campus.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events :

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	17	0.96 lacs
Financial support from government	76	19.19 lacs
Financial support from other sources	175	328.45 lacs

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

8

5.13 Major grievances of students (if any) redressed: Most of the issues related to students are sorted out through regular interaction and as such there is no major issue pending as on today. Additionally, there is a mechanism of redressing the online filed grievances through the UGC portal by the students. The Dean Students Welfare has been appointed as Nodal Officer and liaising and coordinating with the University Grants Commission for this purpose. There exists a standing Committee for redressing the grievances of students related to safety, discipline, hostel life, classes and laboratory, examinations and results, general hygienic environment on the campus. This Committee consists of all statutory and responsible officers of the University under the Chairmanship of Dean Academic Affairs and meetings are held regularly in which ten students are nominated from amongst the boys and girls including hostellers and day scholars on the recommendations of the Dean Students Welfare and Chief Warden. Further, fair representation to female students is fully ensured while nominating students participants in this standing Committee student's grievances and redressal mechanism.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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 ethics, social and environmental issues.

6.2 Does the Institution has a management Information System

The University has cabled as well as wi-fi campus wide networking which has 1 Gbps speed and all offices/departments/cells/centres/directorate are well connected through LAN. The University intends to shift towards online Central File Movement and Tracking Information System in the near future.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Few departments including Bio & Nano Technology and Engineering Departments have under taken revision of curricula. The revised curricula are further evaluated by distinguished academicians and experts nominated on Board of Studies and Research of University Teaching Departments so as to seek their advice for breaching the gap between theory and practice. This process intends to facilitate the University to make its curricula job oriented and market acceptable both in terms of contents and intent.

6.3.2 Teaching and Learning

The teaching and learning pedagogies includes lecturing, power-point shows, case studies, scientific movies, documentaries, role playing, experimentation, group discussions, speech, assignment-presentations and viva-voce. The University is implementing Choice based Credit System. Thus the teaching learning becomes a continuous process for assessment and evaluation of students admitted in different programmes. All this make this University unique in terms of teaching and learning process.

6.3.3 Examination and Evaluation

Under Credit Based System there is a mechanism of 70 :30, in which 70% evaluation is done through major examinations on semester basis and 30% based on continuous evaluation in the form of mid semester test, minor test, classroom seminars, class room quizzes, home assignments, class attendance, viva-voce, field visit etc.

6.3.4 Research and Development

The faculty members are encouraged to have individual research projects, Intra-University, Inter-Institutional & Industrial Collaborative research projects funded by different national and international agencies. The faculty members are also encouraged to participate in national and international conferences, seminars, symposia, workshop etc. to expose them latest research developments in their concerned fields and use the same in their teaching and research. The faculty members are given grants too in the form of minor research projects at the University level. The University has developed a Central Instrumentation Laboratory to house the major equipments. Principal investigators enjoy financial autonomy and even allowed to use 70% of the overhead charges for smooth running of the project.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The University has a central library, which is equipped with state of the art ICT facility and more than 95534 books of different fields. The University subscribes online journals from the major international publishers such as Springer, Taylor & Francis, IEEE, American Chemical Society, RSC, Inter Science etc. The reading area of the University library is open round the clock for students. The University has a Central Instrumentation Laboratory, Radio Ecology Centre that houses having major equipments required for quality research in basic and applied sciences.

Further, the University has 372 acres of total area of which more than 225 acres is fully developed that includes 11 Teaching Blocks, 4 boys hostels, 4 girls hostels, dedicated sports complex, University Health Centre, shopping complex, Post Office, Bank, Administrative Block etc. The University has its own Auditorium with 3 mini seminar halls to run parallel session with a total seating capacity of more than 2500. The University has its several play grounds, Tennis Court, Multipurpose Sports Complex and gardens. The University has STP to treat sewerage water and treated water is reused for irrigational purpose.

6.3.6 Human Resource Management

The human resource management policies of this University are in compliance with UGC regulations and State Govt. guidelines. The appointment and promotions are made in transparent manner and as per defined and notified criterion. The organizational hierarchy of the University is well defined in which the job profile and job description in each and every office is clear to all stakeholders. The governance and administration of the University is professional and also as per the spirit of the Act and Statutes which results into higher level of satisfaction especially amongst the students and scholars and staff of the University.

6.3.7 Faculty and Staff recruitment

There is a established and transparent procedure for the faculty and staff recruitment in the University, the UGC regulations for staff recruitment are followed in toto. The requirement of faculty/ staff are invited from concerned quarter and further taken up by the authorities.

6.3.8 Industry Interaction / Collaboration

The University strongly advocate and promote university industry linkage for the purpose of solving the technical problems of the industry and creating skilled human resource. The industry people are on Board of Studies of different departments so that industry needs can be incorporated in course curricula and students can be prepared as per market requirement. In addition to this, University has a Business Development Group to promote Industrial Consultancy.

6.3.9 Admission of Students

Admissions of students are done once in a year on the basis of national level entrance test. The reservation policy of the State Govt. is followed in total as notified by State Govt. from time to time. The University has initiated online System of Admissions with effect from Jun 2015.

6.4 Welfare schemes for

Teaching	06
Non teaching	08
Students	11

Teaching supporting staff/Library staff : 05

6.5 Total corpus fund generated

The corpus fund include pension and PF fund, which is more than 45 crores at this moment. The University contributes more than 6 crores every year in this fund.

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			√	√
Administrative			√	√

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University for Examination Reforms?

Since, the University has implemented Credit Based System for continuous evaluation of the students and as such no problem is encountered.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The University attempts to promote functional autonomy to all its affiliating colleges.

6.11 Activities and support from the Alumni Association

Several University teaching departments organize alumni meet regularly to enhance better interaction between University and alumni for strengthening the teaching, research, training and placement activities.

6.12 Activities and support from the Parent – Teacher Association

There is a provision to conduct parents teacher meeting once in a semester and University Teaching Departments are continuously conducting such meeting.

6.13 Development programmes for support staff

Several training and development programmes have been conducted for skill up gradation of supporting staff of the University. The training programmes are organized for mid level and senior level supporting staff through the Academic Staff College and University Computer & Information Centre of this University.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The University is committed for environmental protection and various steps have been undertaken to make the campus eco-friendly and reduce carbon foot prints. Solar water heating systems are used; **CFL & LED lights are used** in all the teaching and offices of the departments. Public transport system is promoted within the campus. The University has Sewerage Treatment Plan for the treatment of waste water for reuse for its irrigational purpose. The University has contract with private firm for the incineration for pharmacy, biological and hospital waste and the number of **Big trees have been transplanted from site of construction to other location and tree plantation programmes are done in the campus on regular basis.**

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

All the academic programmes offered by the University are technical and job oriented. The courses have been specified and approved by the State Govt. and regulatory bodies including UGC, AICTE, Pharmacy Council, Physiotherapy Council, DBT, DEC, etc. The University has implemented online admission process w.e.f. June 2015 in all courses.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore expect that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC of this University has become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. In this connection, the IQAC has attempted to involved quality benchmark standards in different spheres which include teaching learning benchmarks, quality research benchmarks, student support services benchmarks, citizen charters and physical and ICT infrastructure benchmarks. Being a technical University sincere attempts have been made to achieve all planned activities and as outcome this University has emerged a centre of excellence in the field of technical education having special focus on research which is evident from high quality publications indexed on world class research data base namely scopus which has recorded the h-index of this University 49. The teaching learning pedagogies in this University are best comparable with top technical institutions of this country having equal emphasis on overall personally development and soft skill developments of its students and scholars. The University has succeeded in all such spheres during the academic year under reference.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Total Computerization-A step towards paperless offices: Administrative offices like Accounts Branch, Examination Branch, Directorate of Distance Education, Admission Cell, Library etc. are at verge of full automation. The University has in-house designed and developed Result Preparation Software which prepares results, DMCs or degrees for all kinds of examinations conducted by the University. University Computer & Informatics Centre (UCIC), a central facility, furnishes the needs of maintenance of software/hardware installed in these offices.
2. Minor Research Projects through University Funding: Since the inception of this scheme of minor research project, during every session, the teachers especially the young teachers are showing their keen interest in applying under this scheme and have successfully completed their projects within the fixed time frame and have also contributed research papers in various reputed journals of National and International level. The publication of research papers in various National and International Journals, which is one of the mandatory conditions for carrying out projects under such a scheme, is in itself an evidence of success of such an initiative of the University. It had been made mandatory for all the teachers who work under scheme to publish one research paper.

7.4 Contribution to environmental awareness / protection

The University has organized many environmental awareness programme(s) through department of Environmental Sciences, NSS Wing and university works department during the current year. Further, the Deptt. of Environmental Sciences & Engg. has organized World Earth Day.

Since, this University is named after Guru Jambheshwar Maharaja who was himself a great Saint and Environmentalist of fifteen century who enlightened the whole world with respect to environmental protection vis-à-vis lives on the earth planet.

The basic purpose of such programme is to sensitize the stakeholders to remain conscious and careful with respect to the environmental protection.

It is evident from the fact that Guru Jambheshwar University of Science & Technology, Hisar has been awarded best infrastructure and green campus award during 2013-14 and to achieve hallmark that to in a geographic area which is known for desert is itself garner the sense of responsibility this University hold environmental awareness and protection. University also organize Annual Flower show and Van Mohtasava during the year.

7.5 Whether environmental audit was conducted? Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Some of the New Innovations and Best Practices which the University would like to pursue are as under:

1. Complete automation of administrative offices of the University.
2. Explore the possibilities of Launching of some integrated academic and research programmes.
3. Centralized file movement & tracking system will be introduced to improve the transparency
4. E book facility will be developed in library.

8. Plans of University for next year

1. To apply for MHRD NIRF Ranking / Accreditation of the University every year for all categories.
2. Annual Academic Audit will be made compulsory and the report should be submitted upto 15 September.
3. Renovation of Academic, Administrative blocks, & Class rooms will be upgraded with appropriate furniture and Teaching aids as per recommendations of NAAC Peer Team.
4. Sports facilities especially New Gym and Shooting Range will be developed.
5. The UCIC will also be upgraded. Digital Library/ e-Book facilities for the benefit of research scholars, students and teachers of the university will be developed in Central Library.
6. Enhancement of Industry Academia Interaction through establishment of Industry, Institution Interaction cell within training and Placement cell.
7. To initiate the process/explore the possibilities of Introduction new academic programmes in different Faculties under choice based credit based system including Integrated Programmes as per the recommendations of NAAC.
8. Introduce Online Feedback system/ Satisfaction Surveys of students and faculty.
9. E-tendering will be followed to improve transparency and efficiency.
10. To evolve strategies for increasing Students progression/ decreasing failure rate.
11. Curriculum revision as per market/industry should be taken up immediately as per the recommendations of NAAC.
12. Language Lab will be made functional and a Language/ English teacher will be appointed on priority basis.
13. Proper Training to subordinate staff will be done for improving efficiency.

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**Dr. Tankeshwar Kumar , Vice-Chancellor
Chairperson, IQAC**

**Prof. Neeraj Dilbaghi
Director, IQAC**