

The Annual Quality Assurance Report (AQAR)

For Academic Session: 2013-2014

**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)**

Visit us at: www.gjust.ac.in



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 2013-2014

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.

+91-1662276192
+91-1662276026

Name of the Head of the
Institution:

Dr. R. S. Sharma, Vice-Chancellor

Tel. No. with STD Code:

+91-1662-263101, 276192

Mobile:

+91-9466775888

Name of the IQAC Co-ordinator:

Prof. Karam Pal Narwal

Mobile:

+91-9813705928

IQAC e-mail address:

karampal@gjust.org
karampalhsb@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 Date : June 15, 2009

1.5 Website address:

www.gjust.ac.in

Web-link of the AQAR:

<http://www.gjust.ac.in/naac/iqac/aqar2013-14>

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	Applied for 3 rd Cycle			

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

03.01.2004

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

2013-2014

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)

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)

1.12 Name of the Affiliating University (*for the Colleges*)

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

Autonomy by State/Central Govt. / University

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*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

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
To improve the quality of teaching, research and examination. This involves filling up of the available position, improvement of infrastructure, including construction of building, enhancing laboratory facilities and introduction of credit based system of continuous assessment at least in some departments, maintaining the academic calendar and publishing result in time.	The University has sincerely attempted to achieve all planned activities and as an outcome of the same the University was accredited as 'Grade-A' by NAAC.
To work out the acceptable mechanism for ensuring timely, efficient and periodic-progressive performance of academic, administrative, research and extension activities	Being technical university and already 'Grade-A' by NAAC, the university always attempts to keep its benchmarks very high, for example, the Pre-Ph.D courses and mandatory condition of research paper publication was already in practice in this university when the same was adopted by the UGC for national level. Further, on the initiative of IQAC benchmarking standards have

on regular basis. To note the feedback of NAAC on Annual Quality Assurance Report (AQAR) for suggesting further necessary action required for various quality parameters of higher and technical education.	been put in place for teaching, research, students support, web policy, e-waste policy, publication policy, institutional-social interface and citizen charter.
--	---

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 Report on quality assurance prepared by IQAC in collaboration with other offices is placed before the Court (the apex statutory body of the university) for its perusal and further guidance.

UNIVERSITY ACADEMIC CALENDAR FOR 2013-14

SCHEDULE OF TEACHING AND VACATIONS FOR THE ACADEMIC SESSION 2013-2014 ADMISSIONS : 04.07.2013 onwards) (Under Semester System)	
ODD SEMESTER	
Teaching	14/07/2013 to 27/11/2013
Preparatory days, including Practical's*	28/11/2013 to 05/12/2013
End Semester Examinations (Major Test)	06/12/2013 onwards
Winter Vacations	25/12/2013 to 09/01/2014
*Note : - Practical Examinations wherever applicable, may be conducted during this period	
EVEN SEMESTER	
Teaching	12/01/2014 to 30/04/2014
Preparatory days, including Practical's*	01/05/2014 to 06/05/2014
End Semester Examinations (Major Test)	07/05/2014 onwards
Summer Vacations	16/05/2014 to 30/06/2014
*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

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 2013-2014 due to some unforeseen reasons, it should be the responsibility of each teacher to make good the loss by taking extra classes.

(ii) The Academic Calendar for the Engineering courses will be as per the Haryana State Technical Education Society, Panchkula admissions.

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	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	71	1	28	

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

(ii) Pattern of programmes:

Pattern	Number of programmes

Semester	45 Regular
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.

Minor changes have been made by Printing Tech., Physics and Applied Psychology

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
166	85	10	62	--

2.2 No. of permanent faculty with Ph.D.

119

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	34	--	27	02	04	24	90

2.4 No. of Guest and Visiting faculty and Temporary faculty

119

3

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	05	36	--
Presented papers	04	27	--
Resource Persons	03	23	--

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

Science quizzes, poster presentation, debates, technical issues etc.

2.7 Total No. of actual teaching days

during this academic year

211

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

89

31

23

2.10 Average percentage of attendance of students

87

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared/sanctioned	Division				
		Distinction %	I %	II %	III %	Pass %
M.Tech. (Computer Science & Engineering)	30	Result awaited				
M.Tech. (Environmental Science & Engineering)	20					
M.Tech. (Electronics & Communication Engineering)	20					
M.Tech. (Mechanical Engineering)	20					
M.Tech. (Printing Technology)	30					
M.Tech. (Nano Science and Technology)	20					
M.Tech. (Optical Engineering)	20					
M.Tech. (Food Engineering)	20					
M.Tech. (Geo-Informatics)	20					
M.Tech. (Biomedical Engineering)	20					
M.Pharm. (Pharmaceutical Chemistry)	15					
M.Pharm. (Pharmaceutics)	15					
M.Pharm. (Pharmacology)	10					
M.Pharm. (Pharmacognosy)	10					
Master of Physiotherapy (Musculoskeletal Disorders)	10					
Master of Physiotherapy (Sports Physiotherapy)	10					
Master of Physiotherapy (Neurological Disorders)	10					
Master of Physiotherapy (Pediatric Physiotherapy)	10					
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	10					

Master of Computer Applications	60	Result awaited
Master of Business Administration (MBA)	90	
MBA- Finance	30	
MBA-Marketing	30	
MBA-International Business	30	
MBA-Part Time (Evening)	40	
M.Com.	40	
M.Sc. (Psychology)	50	
M.Sc. (Biotechnology)	24	
M.Sc. (Microbiology)	30	
M.Sc. (Chemistry)	50	
M.Sc. (Environmental Sciences)	50	
M.Sc. (Food Technology)	50	
M.Sc. (Mass Communication)	50	
M.Sc. (Mathematics)	50	
M.Sc. (Physics)	50	
M.Sc. (Advertising Management & PR)	50	
Bachelor of Pharmacy	60	
Bachelor of Physiotherapy	50	
B.Tech. (Biomedical Engineering)	40	
B.Tech. (Computer Science & Engineering)	120	
B.Tech. (Electronics & Communication Engineering)	120	
B.Tech. (Information Technology)	60	
B.Tech. (Mechanical Engineering)	60	
B.Tech. (Printing Technology)	60	
B.Tech. (Food Engineering)	60	

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

IQAC acts as Co-ordinator/facilitator in different teaching learning process. It keeps constant vigil on 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	14
UGC – Faculty Improvement Programme	--
HRD programmes	2
Orientation programmes	2
Faculty exchange programme	--
Staff training conducted by the university	15
Staff training conducted by other institutions	4
Summer / Winter schools, Workshops, etc.	41
Others	--

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	560	99	67	34

Criterion – III

3. Research, Consultancy and Extension

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

IQAC organises a two days National Workshop on Emerging Trends in Quality Education : The Road Ahead (29-30 August, 2013)

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	38	4	7
Outlay in Rs. Lakhs	110.78	481.43	22.66	38.94

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	5	--	7
Outlay in Rs. Lakhs	6.8	5.0	--	2.80

3.4 Details on research publications

	International	National	Others
Peer Review Journals	98	222	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	12	33	--

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	04	UGC	40.66 Lac	24.20 Lac
Minor Projects	01	UGC	6.8 Lac	6.8 Lac
Interdisciplinary Projects	02	DST	15.00 Lac	7.5 Lac
Industry sponsored	02	DST	59.01 Lac	25.74 Lac
Projects sponsored by the University/College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total	09		120.75 Lac	63.07 Lac

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 96.02 Lacs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-----	13	02	05	-----
Sponsoring agencies		UGC/ State Govt.			

3.12 No. of faculty served as experts, chairpersons or resource persons 26

3.13 No. of collaborations International 04 National 07 Any other 02

3.14 No. of linkages created during this year 02

3.15 Total budget for research for current year in lakhs :

From funding agency 52.14 From Management of University/College 98.50
 Total 150.64

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

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
11	02	09	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides 119
 and students registered under them 392

3.19 No. of Ph.D. awarded by faculty from the Institution 29

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

JRF 204 SRF 42 Project Fellows * Any other *

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="700"/>	State level	<input type="text" value="20"/>
National level	<input type="text" value="10"/>	International level	<input type="text" value="No"/>

3.22 No. of students participated in NCC events: NA

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="40"/>	State level	<input type="text"/>
National level	<input type="text" value="02"/>	International level	<input type="text" value="No"/>

3.24 No. of Awards won in NCC: NA

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="03"/>	College forum	<input type="text"/>
NCC	<input type="text"/>	NSS	<input type="text" value="05"/>
		Any other	<input type="text"/>

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 festicide, 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		Newly created		Source of Fund	Total	
	Nos.	Area (In SQM)	Nos.	Area (In SQM)		Nos.	Area (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

Computerization of administrative offices and library is underway. All offices are well connected with internet and equip with all electronic gazettes required for the purpose. Similarly the University library is executing plans in phase manner so as to the ultimate destination of library concept. The progress during the session is quite satisfactory and we look forward to complete the process in coming time.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	90551	--	2180	2391722	92731	--
Reference Books	--	--	--	--	--	--
e-Books	--	--	--	--	--	--
Journals	--	--	--	--	--	--
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD	2900	Received with books	100	Received with books	3000	--
Video	27	5700	--	--	27	5700/-
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1119	14	2580	-----	01	All	All	All
Added	165	02	225	-----	01	All	All	All
Total	1284	16	2805	-----	01	All	All	All

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (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 2013-14 (Rs. in lacs)

i) ICT	338.24
ii) Campus Infrastructure and facilities	2379.51
iii) Equipments	33.48
iv) Others	15.80
Total :	2767.03

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC has taken initiative to finalize the benchmarking standards for student support services on the campus. Various services ranging 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 full fledged Training and Placement Cell which facilitates the students for appropriate training and suitable placement. Further, the University has remedial classes and coaching cell that take care of competitive coaching to 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 weblink in this connection.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2682	1752	392	--

(b) No. of students outside the state

63

(c) No. of international students

15

Last Year (2012-13)						This Year (2013-14)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2826	755	--	1125	44	4750	2535	739	--	1121	39	4434

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 Centre is there to look after and the detail has already mentioned above in para 5.2.

No. of students beneficiaries

219

5.5 No. of students qualified in these examinations

NET	66	SET/SLET	--	GATE	31	CAT	05
IAS/IPS etc	--	State PSC	--	UPSC	03	Others	03

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 431

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
36	1200	671	432

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 263 National level 31 International level --

No. of students participated in cultural events : $\sqrt{\quad}$

State/ University level 500 National level 28 International level 0

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

Sports : State/ University level 49 National level -- International level --

Cultural: State/ University level 116 National level 0 International level 0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	68	615915/-
Financial support from government	505	13095825/-
Financial support from other sources	15	155000/-

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

5.13 Major grievances of students (if any) redressed: There is a Standing Committee for redressing the grievances of students especially relating 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 representations of female students are fully ensured while nominating students participants in this standing Committee student's grievances and redressal mechanism. Most of the issues are sorted out through regular interaction and as such there is no major issue pending as on today, on the other hand there is a mechanism of redressing the online filed grievances through the UGC portal by the students, for this very purpose the Dean Students Welfare has been appointed as Nodal Officer and liaising and coordinating with the University Grants Commission for this purpose.

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 wifi campus wide networking which as hundred mpbs speed and all offices/departments/cells/centres/directorate are well connected through LAN. However, the University intends to shift towards intranet system of office working in the near future.

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

6.3.1 Curriculum Development

Invariably professional and practitioner are 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 pen iterated towards job orientation and market acceptance both in terms of contends and intent.

6.3.2 Teaching and Learning

The teaching and learning pedagogis consists of lecturing, case study, roll playing, experimentation, group discussions, speech, assignment-presentations and via-voce. Since, the University is implementing modified Credit Based System, therefore, the teaching learning become 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 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 have the exposure of latest research developments in their concerned fields and use the same in their teaching and research. The faculty members are given grants to in the form of minor research projects at the University level. The University has developed a Centre Instrumentation Library to house the major equipments. Principal investigators are full 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 92000 books of different fields. The University subscribes online journals from the major international publishers such as Springer, Taylor & Francis, IEEE, American Chemical Society, Inter Science etc. The reading area of the University is open around the clock for students. The University has a Central Instrumentation Laboratory, Radio Ecology Centre which are 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, four boys hostels, four girls hostels, dedicated sports complex, University Health Centre, shopping complex, Post Office, Bank, Administrative Block etc. The University has its own Auditorium studied with three 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. 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 specially 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.

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 only Board of Studies of different departments so that there needs can be incorporating 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.

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 40 crores at this moment. The University contributes more than 5 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 absorbed.

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 have been organizing alumni meet 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 are conducting such meeting.

6.13 Development programmes for support staff

Several training and development programmes have been conducted for skill upgradation 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 lights are used in all the teaching and offices of the departments. To promote public transport system within the campus is promoted. 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 trees have been transplanted from site of construction to other location and tree plantation programmes is 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. All the eligible technical courses have been accredited by NBA also. A knowledge Park for commercialization of research outcomes has been conceptualized as adjunct to the University. The University was first in region to implement computerized answer script recognition system.

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

Since, this University is named after Guru Jambheshwar Maharaj 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 University has organized environmental awareness programme through its NSS Wing during the current year. Further, the Deptt. of Environmental Sciences & Engg. Has organized World Earth Day.

The basis purpose of such programme is to sensitize the stakeholders to remain conscious and careful with respect to the environmental protection. In curricula too, the subject of environmental awareness is being taught at both UG and PG level academic programmes of this University.

It is evident from the fact that Guru Jambheshwar University of Science & Technology, Hisar has been awarded best infrastructure and green campus award during current year 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.

7.5 Whether environmental audit was conducted? Yes No

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

Although there seems to be no major problem encountered by the University except the financial implications that has never been the limiting factor for the University when the question of academic improvement and upliftment of academic growth of teachers or students arises.

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. System of Open Book Exam as a part of internal assessment of the students.
3. Launching of some integrated academic and research programmes.

8. Plans of institution for next year

- To develop collaborative academic and research programmes with national and international institutions and industries by increasing the existing sphere of collaboration with industries and educational organizations.
- To organize international conferences along with National level Seminars/workshops/Symposium
- Computerization of other offices and branches.
- To encourage community and social participation.
- E-Library, Library Automation, Library networking.
- Workshops/Seminars by IQAC on Best Practice Promotion.
- Data base preparation for Advance Study in Technical Education
- Cleanliness and immunization drive in surrounding areas.
- To activate community development programmes of the society by exposing the students to various problems faced by society.
- To attract NRI and foreign students for admission in to the University, to secure recognition at the global level.
- To ensure higher international exposure of the faculty members.

Dr. R.S. Sharma, Vice-Chancellor
Chairperson, IQAC

Prof. Karam Pal Narwal
Coordinator, IQAC