

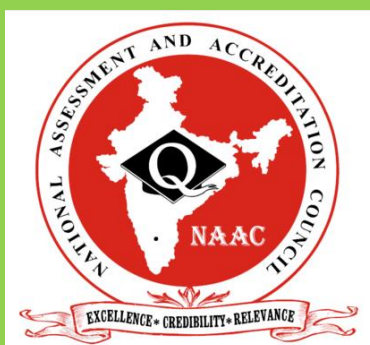
Guru Jambheshwar University of Science and
Technology, Hisar 125001 (Haryana)



The Annual Quality Assurance Report (AQAR)

2016-2017

Submitted To



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

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राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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The Annual Quality Assurance Report (AQAR)

For the Academic Session 2016-2017

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

Contact Nos.

Name of the Head of the Institution:

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID(For ex. MHC0GN 18879)

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)

1.5 Website address:

Web-link of the AQAR:

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	7 Years

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

03.01.2004

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

2016-2017

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)
- vi. AQAR: 01.03.2017 (DD/MM/YYYY)
- vii. AQAR: 01.02.2018 (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

12

2.2 No. of Administrative/Technical staff

03

2.3 No. of students

02

2.4 No. of Management representatives

03

2.5 No. of Alumni

03

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, research and other extracurricular activities and up gradation of existing facilities.	All planned activities were constantly monitored and implemented throughout the 2016-17.
The Construction of New Teaching Block-8, University Computer Centre, Up gradation of Teaching Block -3 and Examination Block,	The construction of Dr. APJ Abdul Kalam Central Instrumentation Laboratory and Girls Hostel-IV and boys Hostel-IV were completed for better research and residential facilities for students. The new Choice based One Open Elective course, Establishment of Research Promotion Board and 100% online admissions for all courses were introduced.

Construction of New residences for Teaching and Non- Teaching Staff will be taken up. New policies for maintenance of ethical standards in research and more emphasis towards full computerisation will be laid.	The University Policy on the use of Biological Resources by the Researchers/ Scientists of the University in compliance of National Bio diversity Act 2002 and National Biodiversity Rules 2004 and setting up of Disability Resource Centre were framed, approved and implemented. University has introduced M.Sc (Economics) w.e.f. 2016-17. The University got a grant of 19.45 Crores from Rastriya Uchchar Shiksha Abhiyan (RUSA) as infrastructure grant and Rs.10.25 Crores under DST-PURSE scheme. The University got a grant of 1.00 Crores from RUSA as Faculty Development Programmes.
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2.16 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 2016-17

SCHEDULE OF TEACHING AND VACATIONS FOR THE ACADEMIC SESSION 2016-2017 ADMISSIONS : 04.07.2016 onwards (Under Semester System)	
ODD SEMESTER	
Teaching	14/07/2016 to 28/11/2016
Preparatory days, including Practical's*	29/11/2016 to 04/12/2016
End Semester Examinations (Major Test)	05/12/2016 onwards
Winter Vacations	25/12/2016 to 08/01/2017
EVEN SEMESTER	
Teaching	09/01/2017 to 28/04/2017
Preparatory days, including Practical's*	29/04/2017 to 04/05/2017
End Semester Examinations (Major Test)	05/05/2017 onwards
Summer Vacations	19/05/2017 to 03/07/2017
*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 2016-2017 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 under-graduate Engineering Programmes & MCA 1st year courses will be as per the Haryana State Technical Education Society, Panchkula.

The results of the theory examinations will be declared within 60 days after last examination(s) as given in citizen Charter of the University.

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			
PG	33+7 (DDE)		20	
UG	14+2 (DDE)	04	8	
PG Diploma	7 (DDE)			
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	79	4	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 All Programmes

Trimester	Nil
Annual	

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

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.

1. All B. Tech. programmes 1 st Year,	2. All B. Tech. programmes 2 nd under process.
3. M. Pharma. + B.Pharma under process	4. Open elective in PG course.

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
194	102	22	65	05

2.2 No. of permanent faculty with Ph.D.

138

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
04	01	01	--	--	01	--	--	05	02

2.4 No. of Guest and Visiting faculty and Temporary faculty

59	15	34
----	----	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	60	98	11
Presented papers	66	107	09
Resource Persons	28	29	18

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 196

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

141
162
174
107

2.10 Average percentage of attendance of students 77

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I st %	II nd %	IIIrd %	Pass %
M.Tech. (Computer Science & Engg.)	21	--	90.47	--	--	100
M.Tech. (Environmental Science & Engg)	09	--	56	--	--	56
M.Tech. (Electronics & Comm. Engg)	20	5	50			55
M.Tech. (Mechanical Engineering)	03	--	100	--	--	100
M.Tech. (Printing Technology)	04	--	75	--	--	75
M.Tech. (Nano Science and Technology)	08	--	63	--	--	63
M.Tech. (Optical Engineering)	04	25	75	--	--	100
M.Tech. (Food Engineering)	11	9.09	100	--	--	100
M.Tech. (Geo-Informatics)	10	--	70	--	--	70
M.Pharm. (Pharmaceutical Chemistry)	2	--	100	--	--	100
M.Pharm. (Pharmaceutics)	12	--	100	--	--	100
M.Pharm. (Pharmacology)	6	--	100	--	--	100
M.Pharm. (Pharmacognosy)	2	--	100	--	--	100
Master of Physiotherapy (Musculoskeletal Disorders)	2	--	100	--	--	100
Master of Physiotherapy (Sports Physiotherapy)	--	--	--	--	--	--
Master of Physiotherapy (Neurological Disorders)	5	--	60	20	--	80
Master of Physiotherapy (Pediatric Physiotherapy)	--	--	--	--	--	--
Master of Physiotherapy (Cardiothoracic & Pulmonary Disorders)	--	--	--	--	--	--
Master of Computer Applications	72	--	82	03	--	85

MBA-(General)	76	--	34	22	--	56
MBA- Finance	27	--	44	19	--	63
MBA-Marketing	28	--	11	07	--	18
MBA-International Business	24	--	34	04	--	38
M.Com.	37	--	49	05	--	54
M.Sc. (Psychology)	29	--	41	03	--	44
M.Sc. (Biotechnology)	28	--	79	--	--	79
M.Sc. (Microbiology)	30	--	63	--	--	63
M.Sc. (Chemistry)	50	--	90	--	--	90
M.Sc. (Environmental Sciences)	27	--	85	--	--	85
M.Sc. (Food Technology)	28	--	68	21	--	89
M.Sc. (Mass Communication)	21	--	76	05	--	81
M.Sc. (Mathematics)	45	04	34	--	--	38
M.Sc. (Physics)	48	--	65	--	--	65
Bachelor of Pharmacy	60	--	40	18.33	--	58.33
Bachelor of Physiotherapy	11	--	72.22	27.27	--	100
B.Tech. (Biomedical Engineering)	28	--	28.57	--	--	28.57
B.Tech. (Comp. Science &Engineering)	126	--	75.40	--	--	75.40
B.Tech. (Electronics & Comm. Engg)	141	--	48.93	14.18	--	63.12
B.Tech. (Information Technology)	58	--	56.91	10.34	--	67.24
B.Tech. (Mechanical Engineering)	72	--	69.40	15.27	--	84.72
B.Tech. (Printing Technology)	64	--	71.87	12.50	--	84.37
B.Tech. (Food Engineering)	46	--	39.95	23.91	2.17	63
B.Tech. (Packaging)	19	--	63	--	--	63

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 based on the suggestion and feedback of the stakeholders.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	108
UGC – Faculty Improvement Programme	NA
HRD programmes	NA
Orientation programmes	01
Faculty exchange programme	NA

Staff training conducted by the University	NA
Staff training conducted by other institutions	NA
Summer / Winter schools, Workshops, etc.	34
Others	53

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	440 226	70 13	-- 04	499 persons employed on contract basis through Contractor

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. The research promotion board formulates policies and guidelines for improvement of quality research from time to time.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	16	12	02	05
Outlay in Rs. Lakhs	26	150.8	8.33	--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	11	20	13	04
Outlay in Rs. Lakhs	2.10	17.75	2.25	--

3.4 Details on research publications

	International	National	Others
Peer Review Journals	211	73	--
Non-Peer Review Journals	9	19	--
e-Journals	24	5	--
Conference proceedings	33	15	--

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	2016-17	UGC+ others	226.13	
Minor Projects	--		24.25	
Interdisciplinary Projects	--			
Industry sponsored	--			
Projects sponsored by the University/College				
Students research projects <i>(other than compulsory by the University)</i>			8.85	
Any other(Specify)			84.67	
Total			343.90	

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	05	12	--	08	--
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	2070.27	From Management of University/College	--
Total	2070.27		

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	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
09	02	07	-	-	-	-

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

122
405

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

89

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

JRF	128	SRF	69	Project Fellows	05	Any other	17
-----	-----	-----	----	-----------------	----	-----------	----

3.21 No. of students Participated in NSS events:

University level	700	State level	--
National level	09	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 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 social issues like female foeticide, Plantation drives, dowry, Blood Donation Camp etc. for general welfare of the society.
- Swachh Bharat Abhiyan camps organized by university sports departments in collaboration with NSS and Sanitation Deptt.
- 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.

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	Nos.	Area		Nos.	Area
	(In SQM)		(In SQM)			(In SQM)	
Campus area : 372 Acres							

Class rooms	93	711	-	-	State Govt./ Internal resources of the University	93	7100
Laboratories	293	13708	12	850	-do-	305	14558
Seminar Halls	8	Seating Capacity 988	-	-	-do-	8	Seating Capacity 988
No. of important equipments purchased (≥ 10 lakh) during the current year			7		FIST/ SAP		
Value of the equipment purchased during the year (Rs. in Lakhs)			>90 lacs				
Others			1				

4.2 Computerization of administration and library

During the financial year 2016-17, an amount of Rs.5078353/- was spent on purchase of 4085 books of different titles were added to the existing stock of 97736 books and making the total collection of 101821. The amount includes the grants received from funding agencies like RUSA, 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 & Reference Books	97736	67346793	4085	5078353	101821	72425146
e-Books	--	--	--	--	--	--
Journals	58	191514	Nil	Nil	58	191514
e-Journals	7500 + from 19 Publishers under e-Shodh Sindhu Project					
Digital Database	Under e- Shodh Sindhu Project: ISID, J-Gate, Web of Sc. Purchase/ Subscribed, & Prowess, SPSS, Kimbus					
CD	CDs 470, and 18310 Video Lectures of IITs					
Video			--	--		
Others (specify)	--	--	--	--	--	--

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	980	34	1 Gbps NKN link & 30 MBPS	186	120	86	10	12
Added	204	9	-----	--	50	13	02	--
Total	1184	43	1 Gbps /NKN link & 30 MBPS	186	170	99	12	12

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

The UCIC continuously organizes workshops cum training programmes for its students and staff about the use of networking and e-Governance and the department of Bio & Nano Technology organizes workshops on the use of Bio-informatics software use and their applications in life science research.

4.6 Amount spent on maintenance in lacs : for the year 2016-17 (Rs. in lacs)

i) ICT

9.33

ii) Campus Infrastructure and facilities

51.15

iii) Equipments

93.23

iv) PMKVY & Others

21.15

Total :

174.87

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC monitors student support institutional services on the campus relating to Hostel facilities, sports and recreational activities, services related to admissions, scholarship and examination reforms from time to time and ensures release of grants for up gradation of existing and creation of new facilities. Various services ranging from health and hygienic environment on campus, sports and recreation facilities etc have been upgraded following students suggestions.

5.2 Efforts made by the institution for tracking the progression

The Training and Placement Cell 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 University has created Department of Alumni Affairs to strengthen its alumni base further. Remedial Classes for weaker students, soft skill development, up gradation of skills and finishing schools provision on request are also arranged under World Bank TEQIP-II for engineering streams.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2214	1210	430	--

(b) No. of students outside the state

128

(c) No. of international students

3

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
857	299	00	448	4	1676	935	367	--	441	02	1745

Demand ratio 1:33 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

57

5.5 No. of students qualified in these examinations

NET	59	SET/SLET	--	GATE	36	CAT	--
IAS/IPS etc	--	State PSC	--	UPSC	01	Others	03

5.6 Details of student counselling and career guidance

The Centre for Behavioural Research provides psychological counselling to students, patients and organizes community intervention programme including conducting workshops and seminars on psycho-social problems. In addition, Training and Placement Cell & carrier Counselling cell organizes programs related to Career counselling, personality development and other awareness programs.

No. of students benefitted

434

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
21	992	101	38

5.8 Details of gender sensitization programmes

The women cell consisting of senior Professors/Officers /Social workers /Civil Administration which looks after the issues relating to females on the campus and organizes gender sensitization programs.

5.9 Students Activities

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

Sports : State/ University level National level International level

No. of students participated in cultural events:

Cultural: 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	95	771763/-
Financial support from government	1777	342800700/-
Financial support from other sources	9	31800/-

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

12

5.13 Major grievances of students (if any) redressed:.

There is a redressing system for online grievances through the UGC portal by the students in the University. The Dean Students Welfare is the Nodal Officer coordinating with the UGC for this purpose. There is a standing Committee under the Chairmanship of Dean Academic Affairs for redressing the grievances of students related to safety, discipline, hostel life, classes, laboratory, examinations, results and general hygienic environment on the campus. This Committee consists of all statutory and responsible officers of the University. The meetings are held regularly in which ten students are nominated amongst the boys and girls including hostellers and day scholars on the recommendations of the Dean Students Welfare and Chief Warden. Moreover, representation to female students is fully ensured while nominating students in this standing Committee student's grievances and redressal mechanism. Most of the issues related to students are sorted out at the department level through regular interactions.

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 wi-fi campus wide networking which has 1 Gbps speed lease line. University Computer and Informatics Centre is also working on separate lease line for accessing Internet services for research, development work and other activities. Online Central File Movement and Tracking is in place.

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

6.3.1 Curriculum Development

Almost all the departments have revised curricula as per new CBCS. 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 further improvements. The University intends to make its curricula job oriented and market acceptable.

6.3.2 Teaching and Learning

The teaching and learning pedagogies includes lecturing, case studies, documentaries, power-point shows, role playing, scientific movies, experimentation, group discussions, speech, assignment-presentations and viva-voce. The University has implemented CBCS. 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 CBC 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 allowed and encouraged to have individual research projects, Intra-University, Inter-Institutional & Industrial Collaborative research projects funded by different national and international agencies. They are also encouraged to participate in national and international conferences, seminars, symposia, workshop etc. to expose them to the latest research developments in their concerned fields and use the same in their teaching and research. They are also given grants in the form of minor research projects at the University level. A building in the name of Dr APJ Abdul Kalam Central Instrumentation Laboratory is dedicated 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 Library has a collection of 103381 books and 5306 bound volumes of Journals in print repository. The Library has subscribed 170 Indian Journals, 526 Thesis, 47 Magazines and 20 Newspapers. 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 house 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. A new Teaching Block-8 and computer Centre is under construction which is likely to be completed shortly.

6.3.6 Human Resource Management

The HRM 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

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

6.3.8 Industry Interaction / Collaboration

There is a Centre of Industry-Institute Partnership to promote Consultancy activities and University industry linkage for the purpose of solving the technical problems of the industry and creating skilled human resource. Also, the industry nominees are nominated on Board of Studies of different departments so that industry needs can be incorporated in course curricula and students are trained as per market requirements.

6.3.9 Admission of Students

The students are admitted 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 is following online System of Admissions.

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 includes pension and PF fund, a sufficient corpus fund has been generated more than Rs.50 crores has been generated. The University contributes every year to 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 some courses

For PG Programmes Yes No For some courses

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

The University has implemented Credit Based System for continuous evaluation of the students. Online Registration of students, online submission of sessional and Practical awards has been implemented.

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

The University provides functional autonomy to all its affiliating colleges. There are total 53 colleges out of which 18 Degree colleges, 01 Law College, 28 B.Ed. Colleges and 06 Engineering & Management Colleges.

6.11 Activities and support from the Alumni Association

A separate Department of Alumni Affairs takes care of Alumni of this University. The teaching departments also 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

The parent teacher meeting are organized by the departments regularly to enhanced the interaction. The parents are intimated about the progress of the students conducting such meeting.

6.13 Development programmes for support staff

Training programmes are conducted for skill up gradation of staff of University from time to time. The training programmes are organized for mid-level and senior level supporting staff through the Human Resource Development Centre 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. The University has installed Solar power plants for all buildings of 1 MW capacity. Five battery driven e-Rickshaws has been introduced to reduce the carbon footprints.**

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. Also the university has introduced 4 B.Sc (Hons) M.Sc Dual Degree courses in Physics, Chemistry, Mathematics and Bio-technology and also M.Sc (Economics) w.e.f. 2016.

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

The University has succeeded in many spheres during the academic year. Internal Quality Assurance Cell of the University has been re-constituted to make it more effective to achieve the goal of imparting quality education to the students to make the University a pioneer Institute in the field of Science & Technology. The university applied for MHRD NIRF overall Ranking in 2017 and got 150-200th rank among universities of India. Further for pharmacy course it attained 44th Rank. Annual Academic Audit involving external expert is made compulsory for all departments. The renovation and upgradation of Academic, Administrative blocks, & Class rooms with appropriate furniture and Teaching aids as per recommendations of NAAC Peer Team has been undertaken from RUSA grant. In order to check plagiarism, the University has subscribed URKUND for plagiarism checker. Before submission of Ph.D thesis, the draft of the thesis is checked through this software to prevent plagiarism. The NSS wing of the University organized nine Awareness Campaign(s) amongst the residents of Hisar and the five villages adopted under *Swachh Bharat Swasth Bharat Scheme*. *RO Water purifier plant have been installed. In most of the buildings. CCTV cameras have been installed on cross roads and buildings for better surveillance.*

In order to promote good governance and provide quick disposals of the issues related to examinations results, the University has started "**Examination Grievance Redressal Cell**" to address the examination related queries of students. The University has set up a mail helpline at grievance_exam@gjust.org to register the complaints. E-tendering is in place to improve transparency and efficiency by construction branch. The enhancement of Industry Academia Interaction through establishment of Industry, Institution Interaction Cell has been accomplished. To contribute towards "**Beti Bachao-Beti Padhao**" campaign of the Hon'ble Prime Minister of India and also towards Women Empowerment, the University has created

One additional supernumerary seat in each of the UG/PG courses run by the University for those girl students who are the only daughter of their parents or who have one sister and not a brother.

Maternity Leave to Girl Students:- Since girl students in the region married at an early age, the University has made a provision for 45 days maternity leave for such married girl students so that they can continue and complete their education. In order to promote health and general well-being, the University has engaged a Yoga Instructor for undertake Yoga classes daily for university students, employees and their wards. In addition, university also organized two yoga awareness camps during this period in addition to this Geeta Jayanti was celebrated and lectures were delivered.

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

To contribute towards "**Beti Bachao-Beti Padhao**" campaign of the Hon'ble Prime Minister of India and also towards Women Empowerment, the University has created **ONE ADDITIONAL SUPERNUMERARY SEAT** in each of the UG/PG courses run by the University for those girl students who are the only daughter of their parents or who have one sister and not a brother. Also the University has made a provision for 45 days **MATERNITY LEAVE TO MARRIED GIRL STUDENTS**, so that they can continue and complete their education.

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. Computerized leave records have also been introduced.

Online Centralized File Movement and Tracking Information System (CeFMaTIS). Online Registration of students has been implemented. In addition, online submission of Sessional and Practical awards has been introduced.

7.4 Contribution to environmental awareness / protection

1. The University has installed Solar power plants in all buildings of 1 MW capacity.
2. e-Rickshaws has been introduced to reduce the carbon footprints.
3. Organized yoga awareness camps.
4. Five villages adopted under *Swachh Bharat Swasth Bharat Scheme*.

7.5 Whether environmental audit was conducted? Yes No

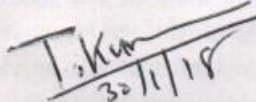
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

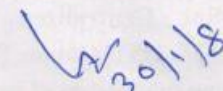
Some of the New Innovations and Best Practices which the University would like to pursue are:

1. Complete automation of administrative offices of the University.
2. Explore the possibilities of Launching of some new B. Tech programmes.
3. Online Feedback/Satisfaction surveys from students, Alumni and Parents will be introduced.
4. **The University has applied for The Institution of Eminence.**

8. Plans of institution for next year

1. The University will open Dr. APJ Abdul Kalam, Centre for Ancient Indian Sciences.
1. Up gradation of different Laboratories of all the Departments.
3. Digitalization of over-all facilities of the University.
3. The UCIC will also be further upgraded.
4. More Books/ journals will be added in the library.
5. Placement activities will be further increased.
6. New equipments will be purchased in Dr APJ Abdul Kalam Lab for students.
7. Dual Degree programmes in B.Com. – M.Com & B.A.(Eco) – M.A.(Eco) be started in session 2018-19.
8. Start a new course B.Sc. (Sports) after the approval of SAI.
9. B. Tech. (Electrical Engg), B. Tech. (Civil Engineering) & B.Tech (Chemical Engg.) will also be started.
10. Possibilities will be explored to introduced some language courses like French, German, English, Hindi etc. in session 2018-19.
11. One-year Diploma in Yoga be started in session 2018-19.
12. Some Short Term Courses in CAD/ CAM, Air-Craft maintenance, Hospitality Sector and Tourism Management etc. of six-month duration be started in evening


Dr. Tankeshwar Kumar
Vice-Chancellor Chairperson, IQAC


Prof. Sandeep Kumar
Director, IQAC