



Guru Gobind Singh Indraprastha University

2013-14

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2013-14

1. Details of the Institution

1.1 Name of the Institution

Guru Gobind Singh Indraprastha University

1.2 Address Line 1

Sector-16C

Address Line 2

Dwarka

City/Town

New Delhi

State

New Delhi

Pin Code

110078

Institution e-mail address

vc@ipu.ac.in , registrar@ipu.ac.in

Contact Nos.

011-25302113, 011-25302114

Name of the Head of the Institution:

Prof. Anil Kumar Tyagi, Vice-Chancellor

Tel. No. with STD Code:

011-25302104, 011-25302105

Mobile:

011-25302104, 011-25302105

Name of the IQAC Co-ordinator:

Prof. Raj Kumar Mittal

Mobile:

08586888937

IQAC e-mail address:

directordevelopment.ipu@gmail.com

1.3 NAAC Track ID

13784

1.5 Website address:

www.ipu.ac.in

Web-link of the AQAR:

http://ipu.ac.in/ddcnaac/iqac_2007-08.pdf
http://ipu.ac.in/ddcnaac/IQAC_2008-09.pdf
http://ipu.ac.in/ddcnaac/IQAC_2009-10.pdf
<http://ipu.ac.in/ddcnaac/IQAC%202010-11.pdf>
<http://ipu.ac.in/ddcnaac/AQAR%202011-12.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	85.60	2007	2012
2	2nd Cycle	A	3.05	2013	October 24, 2018

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

27.12.2010

1.8 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 - **2012-13 dated 22.02.2017** (DD/MM/YYYY)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

1.12 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	<input type="text" value="11"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="5"/>
2.3 No. of students	<input type="text" value="2"/>
2.4 No. of Management representatives	<input type="text" value="2"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2.6 No. of any other stakeholder and Community representatives	<input type="text" value="2"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="0"/>
2.8 No. of other External Experts	<input type="text" value="2"/>
2.9 Total No. of members	<input type="text" value="19"/>
2.10 No. of IQAC meetings held	<input type="text" value="3"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="5"/> Faculty <input type="text" value="4"/>
	Non-Teaching Staff / Students <input type="text" value="4"/> Alumni <input type="text" value="5"/> Others <input type="text" value="-"/>

*** Meetings are arranged by respective Schools / Departments**

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

* Seminar / Conferences were organised by individual school in collaboration with IIQAC

(ii) Themes	<ul style="list-style-type: none"> • Financial Markets • Human Resources & Organizational Behaviour • Science & Technology • Sustainable Development & Environment Protection • National Seminar on METLAB and Simulation in Engineering organised by USICT on 16-04-2014. • Workshop on services matter –CCS Conduct rules organised by Staff Development Cell of the University on 24 & 25 April, 2014. • Refresher Training Programme on Education Administration held on 15.10.2013 to 18.11.2013 (4 weeks)
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2.14 Significant Activities and contributions made by IQAC

<ul style="list-style-type: none"> • Revision of parameters of Academic Audit for the affiliated institutions • Preparation of CAS norms and implementation of the same • Exploring innovative learning and teaching methods • NAAC supplementary report prepared and submitted • NAAC visit preparation • Educational Tours to Himanchal Pradesh from 07.06.2014 to 11.06.2014 for University Students.
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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
Implementing Career Advancement Scheme (CAS) for faculty members of University. Organisation of workshops and faculty development programmes for honing the research scholars and newly appointed faculty members Preparing the AQAR for the year 2013-14	The draft prepared for PBAS (CAS) and Self-Appraisal Report were circulated to the committee members for their critical look / comments / suggestions for finalising the format to initiate the CAS activity by the University. The main groups for which workshops shall be organized include: <ol style="list-style-type: none"> 1. Chemical Science-Physical Science-Forensic Science 2. Biological Science-Life Science-Environmental Science 3. Computer Science –Mathematical Science - Statistics 4. Social Sciences, Law & Mass Communication 5. Management, Economics, Education Work on the same is in progress.

* Attach the Academic Calendar of the year as Annexure.

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Relevant issues are deliberated in IQAC and suggestions of members are incorporated for future action plans.

Part – B

Criterion – I

1. 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	37	-	-	-
PG	26	-	09	-
UG	09	01	-	-
PG Diploma	02	-	-	-
Advanced Diploma	-	-	-	-
Diploma	02	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	76	01	09	-
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	11 University Schools / University Teaching Department, 76 Programs
Trimester	----
Annual	Medical & Dental, Nursing & Yoga

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

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

**Please provide an analysis of the feedback in the Annexure*

Feedback from students constitutes the important element of quality improvement in the University. Students' feedback is an important parameter for faculty retention and further progression. It carries 25% weight-age in CAS. Best Teachers / Researchers Award are also based on students' feedback.

Modifications and changes in curriculum are made based on feedback received from Alumni, Industry and experts from Academia. Feedback from students constitutes a crucial element in operating utilities like Canteen, Library, Sanitation, Sports, Hostel and Medical services.

Feedback from Alumni and Industry is also obtained and used for the curriculum designing and development.

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

Syllabus is revised after every 3 / 4 years in different programmes/schools; thus there is a revision in syllabus almost every year in one or more of the programmes/schools.

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
	197	110	45	35	7

2.2 No. of permanent faculty with Ph.D.

142

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
	19	-	14	-	8	-	-	-	41	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

68

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	42	69	2
Presented papers	60	73	0
Resource Persons	18	41	3

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

1. Students are evaluated on the basis of different parameters e.g. class participation, presentation, internal evaluation, assignment completion etc.
2. Different forums have been created in the university like Srijan through which students get the opportunity to participate in activities/interests of their choice – photography, literary, dance and music etc.
3. Students are sent to corporate houses during their summer vacations for their training of corporate environment and to practical problems etc. Events are organised under the aegis of these clubs throughout the year.
4. Students are given term papers, minor research projects, and major research projects for gaining insight in to the feasible research problems and issues which helps in improving their analytical skills.
5. Efforts have been made towards impartation of practical learning through field visits, industry sponsored seminars and undertaking of live projects.
6. Group activities, cultural programmes, sport events, environment safety drives, etc. are carried out by the students of university for their holistic development.

2.7 Total No. of actual teaching days during this academic year

More than 170

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

Yes

Examination Division is managed on professional lines by following certain time tested principles i.e. accuracy, secrecy, fairness and accountability.

- Examination division is fully automated and all latest techniques such as use of OMR sheets are employed for early completion of the examination process.
- Re-checking and revaluation of sheets is permissible.
- Evaluation is through central evaluation system.
- In case of mistake, irregularity or lapse in carrying out the exam related duties; the person is held responsible for the same and appropriate action is taken.
- Evaluation of answer sheets of medical and dental students is made as per DCI/MCI rules.
- In case of use of unfair means by any of the students during examination, their cases are referred to the special committee of the University, for necessary actions. Case to case evaluation is done by the committee and punishment is made as per university norms. Students are given the opportunity to defend their case.
- Moderation of question papers by experts is also carried out.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development/ workshop

121

2.10 Average percentage of attendance of students

77%

2.11 Course/Programme wise - Distribution of pass percentage:

Program Code	Title of the Programme	Total no. of students appeared	Division			
			Distinction %	I %	II %	Pass %
001	MASTER OF EDUCATION	35	13	21	0	97.14
003	MASTER OF SCIENCE (BIODIVERSITY & CONSERVATION)	20	11	7	0	90.00
005	MASTER OF TECHNOLOGY (SIGNAL PROCESSING)	17	14	0	0	82.35
006	MASTER OF TECHNOLOGY (RF & MICROWAVE ENGINEERING)	17	14	3	0	100.00
007	MASTER OF TECHNOLOGY (DIGITAL COMMUNICATION)	33	23	8	0	93.94
008	MASTER OF TECHNOLOGY (INFORMATION SECURITY)	19	16	1	0	89.47
009	MASTER OF ARTS (ENGLISH AND COMMUNICATION STUDIES)	40	0	13	20	82.50
010	MASTER OF TECHNOLOGY (NANOSCIENCE & TECHNOLOGY)	13	10	3	0	100.00
011	BACHELOR OF PHARMACY	52	25	24	0	94.23
013	BACHELOR OF TECHNOLOGY (BIOTECHNOLOGY)	44	16	24	0	90.91
014	BACHELOR OF TECHNOLOGY (CHEMICAL ENGINEERING)	34	5	21	0	76.47
015	BACHELOR OF TECHNOLOGY (INFORMATION TECHNOLOGY)	63	22	30	0	82.54
016	BACHELOR OF ARCHITECTURE	115	4	96	6	92.17
017	BACHELOR OF BUSINESS ADMINISTRATION	3236	570	2066	67	83.53
018	BACHELOR OF BUSINESS ADMINISTRATION (BANKING AND INSURANCE)	678	159	410	11	85.55
019	BACHELOR OF BUSINESS ADMINISTRATION (COMPUTER AIDED MANAGEMENT)	374	40	245	15	80.21
020	BACHELOR OF COMPUTER APPLICATIONS	1716	459	954	25	83.80
021	BACHELOR OF EDUCATION	2674	1281	1332	6	97.94
022	BACHELOR OF HOTEL MANAGEMENT AND CATERING TECHNOLOGY	114	7	67	2	66.67
023	BACHELOR OF HOMOEOPATHIC MEDICINE AND SURGERY	42	0	13	22	83.33
024	BACHELOR OF JOURNALISM (MASS COMMUNICATION)	800	193	509	6	88.50
027	BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)	1538	475	962	6	93.82
028	BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)	1639	435	1080	6	92.80
030	BACHELOR OF TECHNOLOGY (INSTRUMENTATION AND CONTROL ENGINEERING)	108	8	88	2	90.74
031	BACHELOR OF TECHNOLOGY (INFORMATION TECHNOLOGY)	955	245	621	6	91.31
032	BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)	63	29	25	0	85.71
033	POST GRADUATE DIPLOMA COURSE IN DISASTER PREPAREDNESS & REHABILITATION	39	30	6	0	92.31
034	BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)	76	6	59	3	89.47
035	BACHELOR OF BUSINESS ADMINISTRATION & BACHELOR OF LAW (HONS.)	19	0	15	1	84.21
036	BACHELOR OF TECHNOLOGY (MECHANICAL AND AUTOMATION ENGINEERING)	692	141	506	2	93.79
037	BACHELOR OF TECHNOLOGY (POWER ENGINEERING)	75	29	43	0	96.00
038	BACHELOR OF LAW (HONS.)	593	10	402	72	81.62
039	MASTER OF BUSINESS ADMINISTRATION	1712	851	787	4	95.91
042	MASTER OF TECHNOLOGY (ELECTRONICS AND COMMUNICATION ENGINEERING)	28	20	3	0	82.14
044	MASTER OF COMPUTER APPLICATIONS	1142	463	612	2	94.31
045	MASTER OF COMPUTER APPLICATIONS (SOFTWARE ENGINEERING)	62	27	31	0	93.55
047	MASTER OF SCIENCE (ENVIRONMENT MANAGEMENT)	25	7	17	0	96.00
048	MASTER OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING)	42	26	13	0	92.86
049	BACHELOR OF TECHNOLOGY (ELECTRICAL & ELECTRONICS ENGINEERING)	653	135	474	0	93.26

050	BACHELOR OF BUSINESS ADMINISTRATION (TRAVELLING AND TOURISM MANAGEMENT)	125	22	79	2	82.40
052	MASTER OF TECHNOLOGY (VLSI DESIGN)	23	10	10	0	86.96
053	MASTER OF TECHNOLOGY (INFORMATION TECHNOLOGY)	48	30	17	0	97.92
056	BACHELOR OF TECHNOLOGY (ENVIRONMENTAL ENGINEERING)	28	4	18	0	78.57
058	M.A.(CRIMINOLOGY) / M.SC.(CRIMINOLOGY)	11	1	10	0	100.00
059	MASTER OF SCIENCE (FORENSIC SCIENCE)	30	20	6	0	86.67
065	MASTER OF TECHNOLOGY (INFORMATION TECHNOLOGY)	31	7	10	0	54.84
066	BACHELOR OF SCIENCE HONS.(NURSING)	265	39	216	5	98.11
068	MASTER OF PHYSIOTHERAPY (NEUROLOGY)	12	5	4	3	100.00
069	MASTER OF PHYSIOTHERAPY (MUSCULOSKELETAL)	15	7	8	0	100.00
070	MASTER OF LAW	22	1	18	0	86.36
071	MASTER OF PUBLIC HEALTH (FIELD EPIDEMIOLOGY)	7	5	1	0	85.71
072	MASTERS OF OCCUPATIONAL THERAPY (NEUROLOGICAL DISORDERS)	10	0	8	1	90.00
075	MASTER OF PHYSIOTHERAPY (SPORTS)	15	3	12	0	100.00
080	BACHELOR OF SCIENCE (MEDICAL TECHNOLOGY, RADIOTHERAPY)	1	1	0	0	100.00
086	BACHELOR OF TECHNOLOGY (TOOLS ENGINEERING)	46	5	37	1	93.48
088	MASTER OF ARCHAEOLOGY AND HERITAGE MANAGEMENT	10	0	8	0	80.00
089	MASTER OF CONSERVATION, PRESERVATION AND HERITAGE MANAGEMENT	10	1	4	2	70.00
090	MASTER OF PROSTHETICS AND ORTHOTICS	3	0	2	0	66.67
095	MASTER OF TECHNOLOGY (CHEMICAL ENGINEERING)	12	6	5	0	91.67
097	MASTER OF TECHNOLOGY (ENGINEERING PHYSICS)	16	8	7	0	93.75
099	MASTER OF BUSINESS ADMINISTRATION (SOFTWARE ENTERPRISE MANAGEMENT)	56	31	21	1	94.64
121	BACHELOR OF EDUCATION SPECIAL EDUCATION (MENTAL RETARDATION)	57	12	41	0	92.98
122	BACHELOR OF EDUCATION (SPECIAL EDUCATION) (HEARING IMPAIRMENT)	25	11	13	0	96.00
128	BACHELOR OF TECHNOLOGY (ELECTRONICS AND COMMUNICATIONS ENGINEERING)	62	28	25	0	85.48
139	MASTER OF BUSINESS ADMINISTRATION	9	5	2	0	77.78
140	MASTER IN MASS COMMUNICATION	59	14	43	2	100.00
149	MASTER OF TECHNOLOGY (FOOD PROCESSING TECHNOLOGY)	22	21	0	0	95.45
151	BACHELOR OF BUSINESS ADMINISTRATION (MODERN OFFICE MANAGEMENT)	33	1	29	1	93.94
170	MASTER OF LAW	15	3	12	0	100.00
190	BACHELOR OF POSTHETICS AND ORTHOTICS	6	0	1	0	16.67
213	MASTER OF TECHNOLOGY (BIOTECHNOLOGY) (DUAL DEGREE)	5	0	5	0	100.00
215	MASTER OF TECHNOLOGY (INFORMATION TECHNOLOGY) (DUAL DEGREE)	3	1	1	0	66.67
232	MASTER OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING) (DUAL DEGREE)	8	6	1	0	87.50
247	MASTER OF SCIENCE (NATURAL RESOURCE MANAGEMENT)	24	10	14	0	100.00
335	MASTER OF BUSINESS ADMINISTRATION (BANKING & INSURANCE)	7	4	1	0	71.43
336	MASTER OF BUSINESS ADMINISTRATION (REAL ESTATE)	7	2	4	0	85.71
337	ADVANCED DIPLOMA IN CHILD GUIDANCE AND COUNSELLING	18	7	11	0	100.00
351	MD IN ANAESTHESIA	11	0	9	1	90.91
352	MD IN DERMATOLOGY	11	0	5	4	81.82
353	MD IN PATHOLOGY	10	0	6	4	100.00
354	MD IN PEDIATRICS	14	0	8	4	85.71
355	MD IN MEDICINE	41	0	7	34	100.00
356	MD IN RADIO-DIAGNOSIS	11	6	5	0	100.00
357	MS IN ENT	8	0	2	6	100.00
358	MS IN OBSTETRICS & GYNAECOLOGY	25	0	2	21	92.00
359	MS IN GENERAL SURGERY	22	0	11	11	100.00
360	MS IN OPHTHALMOLOGY	8	0	7	1	100.00
361	MS IN ORTHOPEDICS	21	0	8	13	100.00
362	MD IN PHYSICAL MEDICINE AND REHABILITATION	3	0	1	2	100.00
363	MD IN RADIOTHERAPY	3	0	3	0	100.00
364	MD IN PSM / COMMUNITY MEDICINE	5	0	3	2	100.00
365	MD IN BIOCHEMISTRY	2	0	2	0	100.00
366	MD IN MICROBIOLOGY	4	0	2	2	100.00
367	MD IN PHARMACOLOGY	1	0	0	1	100.00
368	MD IN PSYCHIATRY	2	0	2	0	100.00
376	M.CH. (MAGISTER OF CHIRURGIAE) IN CARDIO THORACIC & VASCULAR SURGERY	5	0	1	4	100.00
377	M.CH. (MAGISTER OF CHIRURGIAE) IN BURNS & PLASTIC SURGERY	10	0	6	4	100.00
378	D.M (DOCTORATE IN MEDICINE) IN CARDIOLOGY	6	0	6	0	100.00

379	D.M (DOCTORATE IN MEDICINE) IN NEUROLOGY	2	0	2	0	100.00
380	D.M (DOCTORATE IN MEDICINE) IN NEPHROLOGY	2	0	1	1	100.00
381	M.CH. (MAGISTER OF CHIRURGIAE) IN NEURO SURGERY	2	0	0	2	100.00
382	D.M (DOCTORATE IN MEDICINE) IN PULMONARY & CRITICAL CARE MEDICINE	2	0	1	1	100.00
397	POST GRADUATE DIPLOMA IN RADIOLOGICAL PHYSICS	2	0	2	0	100.00
398	POST GRADUATE DIPLOMA IN EDUCATIONAL LEADERSHIP AND MANAGEMENT	4	2	2	0	100.00
403	MASTER OF PHYSIOTHERAPY (CARDIOPULMONARY)	9	3	6	0	100.00
593	MASTER OF BUSINESS ADMINISTRATION (FINANCIAL MARKETS)	62	31	27	0	93.55
740	MASTER OF JOURNALISM & MASS COMMUNICATION	34	0	18	0	52.94
885	MASTER OF BUSINESS ADMINISTRATION	84	14	52	0	78.57
886	MASTER OF BUSINESS ADMINISTRATION (DISASTER MANAGEMENT)	22	9	13	0	100.00
887	MASTER OF BUSINESS ADMINISTRATION (CONSULTANCY MANAGEMENT)	11	4	3	0	63.64
998	BACHELOR OF MEDICINE AND BACHELOR OF SURGERY	175	2	92	55	85.14

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

Teaching & Learning process are monitored at the University school level.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	05
UGC – Faculty Improvement Programme	03
HRD programmes	-
Orientation programmes	11
Faculty exchange programme	-
Staff training conducted by the university	03
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	59
Others (Excursion Trips)	09
Research Development Programmes	31
Invited lectures	35

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 Staff	304	166	30	46*
Technical Staff	64	43	-	6*

*Filled against the vacant post

Criterion – III

3. Research, Consultancy and Extension

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

1. Institution of Best Researcher Award to faculty of different Schools clubbed in groups.
2. Faculty members are encouraged to undertake minor and major research projects.
3. Schools are encouraged to submit research proposals to national funding agencies. Initiatives are taken to encourage schools to organize seminars, conferences, and workshops to strengthen teaching and research.
4. Schools are encouraged to apply for FIST and SAP programmes.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	6	34	4	0
Outlay in Rs. Lakhs	878.98 Lakhs			

3.3 Details regarding minor / University projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	0	1	0
Outlay in Rs. Lakhs	7.15 Lakhs			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	188	93	0
Non-Peer Review Journals	5	1	0
e-Journals	3	0	0
Conference proceedings	69	32	0

3.5 Details on Impact factor of publications:

Range **0 to 71** Average **3** h-index **38** Nos. in SCOPUS **350**

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	Between 1-5 years	DST, DAE, DBT, DRDO, UGC, SERB, CSIR, DBT-Biocare, CSIR-2,	4,10,74,500	2,87,76,500
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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

1,45,000/-

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	3	7	1	1	0
Sponsoring agencies	CSIR, DBT, DKDDF, DRDO, DST, ICMR, Indian Bank, Biogenetek, Eppendorf, GE, Reasearchco, GGSIPU	IEEE, UGC GGSIPU	Ultra Tech Cement,	GGSIPU	-

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

52

3.13 No. of collaborations

International

3

National

12

Any other

0

3.14 No. of linkages created during this year

3

3.15 Total budget for research for current year in lakhs :

From funding agency

410.74

From Management of University/College

330.56

Total

INR 523.04 lakhs

*The figures represent the actual expenditure based on Income & Expenditure statement of the University.

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	4
	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
13	1	5	0	7	0	0

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

142
203

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

27

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

JRF	33	SRF	14	Project Fellows	7	Any other	7
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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:

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:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	06	College forum	19
NCC	-	NSS	-
		Any other	01

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

- Blood Donation Camps in association with Red Cross Society of India.
- Donation drive for the benefit of poor and needy by way of distributing clothes, money and eatables.
- Campaigning in cleanness and environment protection drives in the neighbourhood societies villages etc.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	60.436 Acres	-	Govt. of NCT of Delhi and University	60.436 Acres
Class rooms	60	-		60
Laboratories / Teaching Lab	70	-		70
Seminar Halls	03	-		03
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-		-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-		-
Others (Faculty rooms)	170	-		170

4.2 Computerization of administration and library

1. <u>231</u> Number of computers / <u>17</u> LCD and other projectors were procured in different schools and administrative department of the University. Total amount of <u>Rs.1,11,94,433/-</u> was spent on procuring these PCs and other ICT equipments.
2. All professors are given Laptops and LCD projectors are fixed up in Class Rooms as per the requirement of the schools.
3. New upgraded Server in the University for better IT Services and internet connectivity.
4. University has received 1 GBPS internet connectivity link under NKN through NIC.
5. Training of University employees to handle IT facilities are conducted frequently.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	47352	Rs.3,45,36,429/- (Approx.)	4239	Rs.60,43,370/- (Approx.)	51590	Rs.4,05,79,799/- (Approx.)
Reference Books						
e-Books	LNCS E-Book Series	Euro 76,024.71 (Approx.)	LNCS E-Book Series (Renewed)	Euro 12,787.24	LNCS E-Book Series	Euro 88,811.95
Journals	2831	Rs.7,49,64,312.52	340	Rs.73,13,118.70	3171	Rs.8,22,77,431.22
e-Journals	10 DBs 8413 E-Journals (Including UGC-INFONET Consortium Journals)	--	13 DBs 14004 E-Journals	Rs.99,79,580/-	13 DBs 14004 E-Journals	--
CD & Video						
Others (specify News Paper)	News Paper (English: 13; Hindi: 06)				19	Rs.45,000/- (Approx.)

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs / Tech. Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1885	35	Campus selectively Wi-Fi enabled	Facility available in all the class rooms & faculty rooms	01	20	11	-
Added	231	15			-	03	-	-
Total	2116*	50			01	23	11	-
	At present 1648 computer s available							

* 378 Nos. Computers condemned and 90 nos. Computers transferred to Indira Gandhi Delhi Technical University for Women, Kashmere Gate, Delhi.

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

This University offers programmes of technical and professional in nature. All the programmes require use of latest technologies. All the faculty members and staff are well trained to use computers and e-learning resources for smooth conduct of academic and administrative processes.

1. All important notices of the University are uploaded on University websites
2. Information regarding salary and other financial details communicated to faculty and staff on emails and mobiles.
3. Training of teachers and students on Plagiarism detecting software.
4. E- Resources (research books and journals) are accessible through University website.
5. University maintains interactive website where important information uploaded for stakeholders

4.6 Amount spent on maintenance in Rs. Lakhs:

i) ICT	13.33
ii) Campus Infrastructure and facilities	187.53
iii) Equipments	8.67
iv) Others	28.02
Total:	237.55

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Efforts have been made to strengthen students' services in the University. Few steps taken in this direction include:

1. Help desk facility created to provide information to students and parents on admission related matters.
2. Information to students about foreign Universities – scholarships/ exchange programs etc. is provided through the office of Director International Affairs
3. Research related information such as fellowship, registration process, conference participation, research publication etc. are provided through the Office of Director, Research and Consultancy.
4. Office of Dean Students' Welfare provide information on activities like scholarships, participation in sports and cultural activities, cultural festival etc.
5. Suggestions are made by IIQAC for timely declaration of exam results.
6. Suggestions are made to the administrative offices for consideration of student requests, grievances, complaints and their timely settlement.
7. The office of Director, University Industry Interaction Cell has been created to provide training and placement related help to students of different schools and affiliated institutes.
8. Remedial classes are conducted for backward and SC/ST students.
9. NET/SLET preparation programmes are organized
10. Health awareness programmes are conducted from time to time

5.2 Efforts made by the institution for tracking the progression:

The University prepares comprehensive examination results giving detailed statistics for students progression. This covers not only the performance in examination but also provide vital information and analysis on gender and social dimensions of students.

IIQAC maintains close liaising with Schools to capture this information. The tracking is also done by observing the demand ratio for different programs. Considerable number of seats have been created in each programme to meet the rising demand of the students.

Efforts have been made to capture information on students progression such as : Admission for higher studies , Placements in different organizations, and start of their own businesses through different channels specially the social media. This information is captured at school level by involving the faculty in to the process.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
18424	4480	76	-

(b) No. of students outside the state

15% of total intake

(c) No. of international students

71

	No	%
Men	50	69

	No	%
Women	21	31

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
19673	2036	154	457	46	22366	20724	1625	131	424	45	22949

Demand ratio **1:5**

Dropout % **below 2%**

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

Fresh Batch of SC/ST/OBC/Minorities Coaching for Civil and Judicial Services was started on 17th September 2011 under the UGC in its SC/ST/Minority Scheme. Under the scheme Guru Gobind Singh Indraprastha University conducts regular Coaching Classes for Civil/Judicial Services Examination on Weekends. The coaching is open for the students belonging to SC/ST/OBC/Minorities/Women/General students and no fee is charged as the expenditure is borne by the UGC under its SC/ST/Minority Scheme.

No. of students beneficiaries

More than 100

5.5 No. of students qualified in these examinations

NET	14	SET/SLET	-	GATE	103	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	5

5.6 Details of student counselling and career guidance:

University has created a separate Career Counselling and Guidance Cell to guide and provide information to students on regular basis so as to facilitate their decisions regarding choice of career and academic programmes. The cell takes the help of experts and organise interactive sessions for the benefit of students.

No. of students benefitted

More than 800

5.7 Details of campus placement

On campus		Off Campus	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
More than 98	More than 383	291	141

5.8 Details of gender sensitization programmes

1. University Complaints Committee looks after the cases related to sexual harassment in the University.
2. Task force for safety of women in the University campus formed in the year 2013 as per the UGC mandate to conduct programmes on gender sensitization and safety of women.

5.9 Students Activities

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

State/ University level

2000

National level

61

International level

-

No. of students participated in cultural events

State/ University level

3500

National level

26

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	700	Rs.1,83,09,252/-
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

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

- Blood Donation Camps in association with Red Cross Society of India.
- Donation drive for the benefit of poor and needy by way of distributing clothes, money and eatables.
- Campaigning in cleanness and environment protection drives in the neighbourhood societies, villages etc.
- Educating the students of under-privileged sections of society.

5.13 Major grievances of students (if any) redressed:

1. University Grievance Cell looks after the complaints of girl students relating to sexual harassment. No serious case reported in the year.
2. Student Grievances Cell is established by the university to resolve complaints lodged by the students.
3. SC/ST Cell to sort-out matters relating to grievances of SC/ST students and develop confidence in them.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION:

“The University will stimulate both the hearts and minds of scholars, empower them to contribute to the welfare of society at large; train them to adapt themselves to the changing needs of the economy; advocate them for cultural leadership to ensure peace, harmony and prosperity for all.”

MISSION:

“Guru Gobind Singh Indraprastha University shall strive hard to provide a market oriented professional education to the student community of India in general and of Delhi in particular, with a view to serving the cause of higher education as well as to meet the needs of the Indian industries by promoting establishment of colleges and Schools of Studies as Centres of Excellence in emerging areas of education with focus on professional education in disciplines of engineering, technology, medicine, education, pharmacy, nursing, law, etc.”

6.2 Does the Institution has a Management Information System

University is affiliating cum teaching University where every year about 30,000 students are enrolled in different programmes thus taking the total students strengths in the University to about 70,000. In 115 affiliated institutions and 11 On-campus Schools more than hundred academic programs are offered to the students which are diverse in nature and requirements. Approximately 1.5 lacs students compete for the limited seats available for admission in the campus. At the same time University is subject to the regulatory frame work of different bodies such as: UGC, AICTE, MCI, BCI, DCI, FCI, NCTE, NCE, COA and of Government of NCT of Delhi and Ministry of HRD. The information on range of areas and parameters are provided on regular basis to these agencies. Gradually over the years the University has developed MIS system in different Schools and functional divisions like at Examination, Affiliation, Admission, Accounts and Academics. The automation work in divisions like Examination, Accounts, and Admissions is almost hundred percent. The similar work to automate the other branches like Personnel, Affiliation, Purchase, UWD and General Administration is in progress.

The University ultimately intends to fully automate the working of different schools and divisions so that information is seamlessly available to the users. For this, University will explore the possibility of putting in place ERP based software so as to integrate the working of all school and functional administration units.

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

6.3.1 Curriculum Development

We have 11 Schools of Studies in the University wherein as many as 37 Undergraduate and Postgraduate academic programmes are being conducted for about 4000 students. On the affiliation front, 2 Schools of Studies, namely, School of Engineering and Technology and School of Medicine and Para Medical Health Sciences are being maintained for providing leadership role to the programmes conducted under these Schools at affiliated institutions. In all, the University has 115 affiliated institutes; of these 81 are self financed and 34 are owned and managed by the Govt. of NCT of Delhi/ Govt. of India. In these affiliated institutions, more than 80 academic programmes are being conducted with an annual intake of about 30,000 students with a total strength of 70,000 in the University.

The programmes offered by the university in different Schools are relevant and catering to the needs of society. All programmes incorporate ICT tools to make teaching- learning effective. Curriculum development is through various committees such as Board of Studies, sub-committees of Academic Council and Academic Council that includes external experts from academic institutions and industry. University has an in-built mechanism to regularly review programmes based on students' feedback, current needs, advances made in different subject areas based on faculty feedback through their regular participation in seminars, conferences and interaction with experts and feedback from industry. The university provides a broad spectrum of courses ranging from basic, applied, interdisciplinary and integrated. From time to time workshops are organised by inviting experts from industry and academia to discuss the broad trends, directions, contents and methodology related issues. Keeping in mind the dynamic nature of curriculum, students and faculty exchange with leading international institutions is encouraged.

Towards this end students from Slovak University of Agriculture (SUA), Nitra, Slovakia, visited USMS in March 2012, where they were offered a course on Corporate Social Responsibility, Human Values and Ethics. 16 students along with Professor from the University participated in this programme. The credits earned by the students were transferred to their degree at SUA, Nitra.

Academic calendar is prepared and communicated in advance, keeping in view the UGC regulations. The user friendly infrastructure of the University with well established laboratories and University Information Resource Centre creates the right ambience for learning. University has plans to use the national knowledge network and the video-conferencing facility to deliver lectures to students of the affiliated colleges.

The University follows a pedagogy designed to equip the students with skills as per latest requirement of industry. It includes a well-planned blend of industry exposure, conceptual learning, practical assignments and innovative projects based on empirical methods. Emphasis is on interactive learning and employing sophisticated electronic media/computer aided tools and technologies. Business games and case studies are used to develop analytical and managerial skills in the students. Participation in seminars, group discussions and summer internships constitute an integral part of the pedagogy.

The University follows credit based evaluation. The overall weightage of a course in the Syllabi and Scheme of Examination is determined in terms of credits assigned to the course. Obtaining a minimum of 50% marks in aggregate in each course including the semester-end / year-end examination and the teacher's continuous evaluation is essential to earn the assigned credits. A student is eligible for the award of the University degree, if he/she has registered himself/herself, undergone the regular course of studies, completed the project report/ dissertation specified in the curriculum of his/her programme within the stipulated time, and has secured the minimum credits prescribed for the award of the concerned degree. Automation of the evaluation process is another significant feature.

Keeping in view the global higher education scenario, the curricular designed has contemporary features namely semester system, modularity, choice based credit system, credit transfer, inter university and intra-university migration, interdisciplinary programmes, elective options thereby offering the warranted flexibility to the students.

In so far as the academic programmes conducted in University Schools of Studies are concerned, all of them, except one, are designed on the basis of semester system. However, in case of affiliated institutions a couple of programmes have been designed on an Annual System basis mostly on account of their statutory requirement / duration of the programme being annual / less than one year i.e. (B.Ed., MBBS, BHMS, BAMS, B.Sc.(H)-Nursing, BPT/BOT/MPT/MOT, MHRPD, BPO, MPO, BASLP, B.Sc.(MLT), B.Sc.(MLT) (Radiology), BDS, MD/PG Diploma (specialty/ super specialty sub-disciplines of medicine) & B.Arch.)

Rest of the Under-Graduate and Post-Graduate academic programmes conducted in affiliated institutions have been designed on semester system. Be it an Under-Graduate or Post-Graduate programme conducted by any Schools of Studies, there is an adequate list of 'electives.' Of these, students of any academic programme belonging to any other School has a choice to select any one or group of electives, complete the prescribed course/ courses and then the equivalent number of credits shall be transferred and added to the programme in which the student has taken the admission. Thus already University Schools and affiliated institutes of the University are following the curriculum which is Choice Based partially and preparations are on to gradually implement it from the next academic session.

Not only that the students of different programmes are allowed to complete either their one full semester or even two semesters from any other University in India or abroad and the credits earned from other University are added to the academic programme in which the concerned student is studying in this University.

6.3.2 Teaching and Learning

1. Revising the syllabi to reflect the changing requirements.
2. Workshops where teaching pedagogies for different group of disciplines like management, journalism & mass communication , social sciences & humanities, law and education (Group 1) , medical and para-medical sciences (Group 2), and for the disciplines consisting of science & technology (groups 3) shall be discussed in depth by involving teachers and experts . The aim would be to see how to bring effectiveness in learning, make it more practical, develop innovative and entrepreneurial spirit and cultivate human values among the students. The discussion will help in identifying the pedagogies to achieve the broader objectives of education.

3. Experts from industry, research labs and social life shall be engaged in different ways like mentors, advisory boards, BOS, academic council and as an expert in seminars, conferences and workshops. This shall give practical orientation to learning as well as strengthen institutional linkages with industry.
4. Tutorial system shall be strengthened for effective discussion and resolving students' problems.
5. Outcome based learning shall be promoted and strengthened. Research, dialogue and discussions shall be initiated towards this end.
6. Integration of ICT with teaching and learning for enhancing quality, participation and overall learning.
7. Procurement of e-text books databases of reputed publishing houses for their online availability to the readers.
8. To subscribe online training programs offered by various organisations/ publishing houses.
9. To encourage students to acquire certification of industrial relevance.
10. To encourage faculty to participate in the development of massively available online courses.
11. To bring internationally acclaimed certificates/rewards obtained by students under the evaluation process to award suitable credits.
12. Eminent specialists/experts in the emerging fields and relevant areas to be invited for extension lectures on regular basis.
13. Organising national and international academic events for exposure of faculty and students with renowned experts and latest knowledge in the field.

6.3.3 Examination and Evaluation

At GGS Indraprastha University, examination related activities are moulded to test the student's performance. The students' evaluation is continuous based on internal and external assessment. The external to internal ratio is 60:40 in postgraduate programmes while it 50:50 in case of undergraduate programmes. A student is comprehensively evaluated on different parameters like knowledge, practical learning, capacity to analyse and interpret things and soft skills – communication, discipline, commitment, leadership etc. through multiple means such as comprehensive end term examinations, assessment in labs., project works, internships at companies and other organisations, presentations, viva-voce examinations etc. A student's performance on these parameters is reflected in the Cumulated Performance Index (CPI) given in the Consolidated Marks Sheet. The salient features of the examination system at GGSIP University are:

1. Rigorous admission process has been developed, in which a candidate is tested comprehensively through a Common Entrance Test and eligible and meritorious students are admitted in all academic programmes offered by the University.

2. Syllabi and examination schemes of academic programmes have been designed by experts and faculty after thorough discussion to impart necessary knowledge, skills and values to the graduating students.
3. The experts associated with examination work are renowned, knowledgeable, experienced and persons of high integrity. The lists of expert are prepared by Schools and are got approved by the statutory bodies.
4. The schedule for the conduct, evaluation and declaration of results by the examination division is prepared and communicated well in advance and is adhered to.
5. The students' grievances if any is addressed in a time bound schedule.
6. Convocations are held every year preferably in the month of December so that there is no pending backlog of results and graduating students are awarded with degrees.
7. Examination division has been fully automated for efficiency, accuracy and transparency.

However, the University intends to introduce the following reforms in the examination system:

1. Holding Common Entrance Tests online at different centres across the country.
2. Interlinking the Examination Division with other divisions/ sections of the University on ERP plate form for real time solution of the problems.
3. Gradual shifting to Outcome Based Learning, where in learning objectives are clearly defined and communicated to the faculty and students. Student progress is monitored at intervals to know the level of outcome achieved.
4. The ultimate objective of education is to develop human capabilities and values and therefore examination system has to judge students performance towards this end. Developing matrices to evaluate performance on these parameters require research. University therefore intends to promote research in this area to strengthen examination system in the university.

6.3.4 Research and Development

University has developed a very strong infrastructure for carrying out research in different areas of specialization. Most of the research is financially supported by central agencies such as Department of Biotechnology, DST, UGC etc. in the form of research projects. University has entered into memoranda of understanding with many institutes of national importance for collaborative research and sharing of infrastructure. The contribution made by faculty of this university for research has been recognized at national and international levels. The quality of research in the university is reflected in the publications in the journals of high impact factors. A large number of faculty members have not only attended national and international conferences in India and abroad but have also delivered invited/plenary/ lectures. University has organized a large number of conferences/symposia/work-shops attended by eminent persons. Faculty members in different areas of specialization have been providing consultancy and academic consultancy to industry and academia earning a substantial sum for the university.

Special development grant has been earmarked to promote academic excellence and research infrastructure. Through this development grant, each faculty can purchase laptop / tablet upto Rs.40,000 and get the amount reimbursed. Further each faculty is now entitled to participate in two International Conferences every year (as compared to the UGC norm of once in three year block) and two National Conferences in a year. In a way each faculty is entitled to a grant of about Rs.15.00 lac in five years which is even better than what the faculty at other premium institutions are getting.

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6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

Learning resources in print and in electronic form both at UIRC and four departmental libraries of the University are more than adequate for the total strength of the students which on both of its campuses now is slightly more than 4000. Aside automated facilities and services available in the UIRC, the University specially takes care of the text books requirement of each one of the student registered with any of the University Schools of Studies by way of issuing 05 text books for the whole semester, of course, on a returnable basis after the completion of end-term examinations. The University is equally rich in terms of ICT related equipments. The other details of the UIRC are as Under:

Total carpet area of the Central Library (in sq. ft)	25,000
Seating capacity of the Central Library	200
Separate reading room facility for :	
Students	50
Staff	50
Number of departmental libraries	02

ICT: Computers - 1648; Printers-375; LCD-55; Laptop-58; E-Resources-10 DBs and 14004 E-Journals

Physical Infrastructure:

1. a) Campus area in acres	96.306
b) Built up area in Sq. Meters	1,17,975 sq.mts.

	Area in acres of land	Built up area in sq. meters
i) Main Campus - West Campus : <i>Dwarka, Sector-16 C</i>	60.436	90,255 sq.mts
ii) North Campus : <i>Kashmere Gate</i>	17.12	27,750 sq. mts.
iii) East Campus : <i>Surajmal Vihar</i>	18.75	
Total	96.306	1,17,975 sq.mts.

6.3.6 Human Resource Management

In order to deliver services in the most effective and efficient manner, reduce pendency in routine activities and encourage wider participation of all its stake holders for steady progression of the University, following is the detailed plan to further strengthen the human resources and systems, so as to make them more transparent, accountable and efficient.

- (i) Transform manual processes to electronic and automated processes.
- (ii) Enhance information and record management access and sharing among stakeholders.
- (iii) Review and revise human resource planning through co-operation, collaboration and integration of resources besides optimal utilization of resources in terms of materials, equipments and information.
- (iv) Reduction in administrative burdens by avoiding duplicate activities/ efforts. Focus shall be to avoid overlapping of work allocation so as to ensure that there is no divided responsibility, redesigning of systems, specify powers, responsibilities and work allocation of offices/ departments, officers and staff based on efficiency and accountability norms.
- (v) Introduction of performance audit both in teaching and non- teaching departments.
- (vi) Ensure a framework to derive the maximum benefits from the use of Information Technology. The information held by the university is one of its greatest assets and must be managed efficiently, effectively and in accordance with relevant legislation to derive maximum benefit and fulfil statutory duties.
- (vii) Training and development of the administrative officers and staff for enhancing their capacity and capability.

In brief the focus of the reforms would be on the following lines:

- I. Revisiting the University Ordinances so as to eliminate vagueness and redundancies where ever exists in them. Already the process is on and shall be completed in a year's time.
- II. Streamlining the systems and procedures so as to enable them to be quicker and faster in response, and accountable.
- III. Through the establishment of Academic Staff College, development programs for administrative and technical staff shall be arranged on continuous basis.
- IV. Through VC/PVC/Registrar office, Reporting and Monitoring mechanism would be strengthened to bring efficiency in to the systems and achieve organisational objectives.
- V. Shift towards performance based systems
- VI. ICT Integration with teaching and administrative activities for efficiency and accountability.

6.3.7 Faculty and Staff recruitment

University from its inception has given utmost importance to faculty and staff recruitment, their training and development to make University an excellent centre of learning. Faculty and staff recruitment is strictly in accordance with UGC and Delhi Govt. rules. Reservation policy of Delhi Govt. is implemented in faculty and staff selections.. To get talented candidate's advertisements are given in leading newspapers and on University website. To get the benefit of experience both from industry and reputed institutions , faculty is recruited as visiting faculty in different Schools as per their needs Similarly in administration and in teaching where ever there is a need for some special knowledge or expertise consultants are employed and the recruitment is contractual in nature.

6.3.8 Industry Interaction / Collaboration

University has constituted University Industry Interaction Cell to promote and strengthen the linkages of the University with Industries. It also makes effort to organize interactive sessions / meetings of faculty of different schools and persons from industry.

6.3.9 Admission of Students

The admissions to various programmes in the University are based on merit through entrance tests followed by personal counselling. The basic principles on which the admission policy and process are based include: Access, Equity and Excellence. The policy as approved by Academic Council keeping in mind the directions of Directorate of Higher Education if any is followed for admission of students in On- campus Schools and Affiliated Institutions. The admission to all courses is based on common entrance tests conducted at various centres on all India basis. The detailed guidelines, rules and regulations are made available in the admission brochure which is now available on University's website (ipu.ac.in). After declaration of CET results, the counseling for admission to different programmes is now conducted online. Finally admissions to different programmes keeping in mind the Govt. reservation policy are made and the academic session normally begins every year on 1st of August. The Online admissions are handled by professionals and the procedure followed is dynamic in nature to take care of the overall objective of admissions i.e. access, equity and excellence. The improvements in procedure are made based on the feedback received from different quarters. In the year 2013-14, total number of students admitted under different programmes in the University were 22949.

6.4 Welfare schemes for

Teaching	Medical Facility, Day Care Centre & LTC
Non teaching	Medical Facility, Day Care Centre & LTC
Students	Scholarships to needy students, Book Bank, Medical facilities, Canteen

6.5 Total corpus fund generated

199.29 Crore

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	Yes (For affiliated college)	GGSIU, O/o Director-Development	√	
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/ Autonomous College for Examination Reforms?

1. Printed hall tickets carrying the pertinent details of students, programme and exams are issued to avoid any chance of impersonation.
2. Proposed and final datasheets are displayed at University website well before the time.
3. Internal evaluations system had been made more transparent and objective.
4. University Representatives and Observers are appointed for ensuring the smooth conduct of exam as per University norms.
5. Constitution of Committee for looking after cases for unfair means in the examination
6. Punitive actions have been initiated both against the students and University teachers, staff and officials for any lapse in their conduct.

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

1. The status of the university is affiliating in nature. To maintain the uniformity, rules and regulations are formed by the university. There are certain areas related to the students where autonomy is given to colleges like organisation of sports, cultural, social programs.
2. Colleges have the freedom to invite eligible visiting /contract faculty as per their requirement.
3. Colleges have the freedom to organise additional courses for the students, like career oriented programmes of their choice.
4. Colleges have been given freedom to apply to different funding agencies for carrying out research & consultancy activities.
5. The faculty in the colleges are also encouraged to participate in conferences and seminars.
6. The University provides a free platform to the faculty from the colleges to interact with the university faculty including sharing research, library, and other resources.
7. The colleges are given the autonomy to choose the programme and course that they want to offer as optional or electives.
8. Autonomy is also available for opening new institution subject to their fulfilment of the minimum requirements of the University.

Affiliated institutions are given a free hand in their operational and administrative matters. However, the institutions are required to abide by the norms/ordinance of the University framed in this regard and changes made from time to time.

6.11 Activities and support from the Alumni Association

Each school of the University organises their respective Alumni Meet at their School at a convenient date. An alumni association is constituted comprising of members chosen amongst the alumni of the Schools. The support of Alumni Associations is solicited in following ways:

- a. Feedback received from alumni association helps in improving curriculum and pedagogy.
- b. Help improving the personality and communication skills of the students.
- c. Alumni association is instrumental in summer and final placement of the students.
- d. Alumni also suggest about starting of new courses programs compatible with industry requirements.

6.12 Activities and support from the Parent – Teacher Association

University solicit suggestions from the parents of students at central and School/Departments level for improving the quality education. Convocation, Cultural Festivals, Sports Meet, Alumni Meet, etc. provide platform to interact with students and their parents.

6.13 Development programmes for support staff

Staff Training programmes covering areas like Computer Training, RTI Training, E-Tendering Training, Office Work Training, etc. are organised frequently to update and enhance efficiency of non- teaching staff in the University. Staff is also encouraged to attend such programmes organised by other reputed institutions.

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

The following initiatives have been taken to make the campus eco-friendly:

1. Landscaping
2. Tree Plantation Drive
3. Cleanliness Drive
4. Reduction in Plastic Waste
5. The University is a Tobacco Free Zone
6. Rain Water Harvesting

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.

- Students drop out ratio has come down as a result of series of measures like yearly academic audit of affiliated institutions, examination related reforms, orientation programmes and teacher – staff training programmes conducted regularly.
- Demand ratio for M. Phil & Ph. D. programs has gone up in recent years.
- Remedial classes / NET-SLET coaching classes / other open examination -recruitment examinations coaching classes, have also improved the success rate of the students in competitive examinations.
- Smooth conduct of examinations because of automation of all related activities.
- Timely declaration of results.
- Online Examination of MBA (FM) programme at University level because of automation of computer labs in the University.

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

- The academic calendar is prepared with the provision of required minimum teaching days.
- It is also able to accommodate the examinations of the old yearly system and the semester system without any major problems.
- The optimum utilization of 11th plan allocation.
- Funds received for the 12th plan UGC Grant were received and allocated to various functional units of the university.
- Considerable support was provided to the affiliated colleges for implementation of semester system.
- Initiated CAS related activities in some cases.

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

Best Practices – 1

1. **Title of the Best Practices** –Srijan – Platform for Holistic Development
2. **Objective of the Practice** –Srijan is a platform whereby students of the University Schools are given the opportunity to hone their skills like leadership, innovativeness, team building, communication, etc. Different clubs have been formed where in number of activities are undertaken. The 10 clubs formed to promote these activities are :
 - 1) Photography / Film Club
 - 2) Literary Club
 - 3) Dramatics Club
 - 4) Music and Dance Club
 - 5) Publication / Blogging / Magazine Club
 - 6) Fine Arts Club
 - 7) Science Club
 - 8) Nature Club
 - 9) Adventure Club
 - 10) Constitutional Club

These platforms are managed by the students themselves under the supervision of the faculty mentors.

3. **The Context** – Guru Gobind Singh Indraprastha University offers programmes of professional and technical in nature wherein students most of the time are busy with their academic activities. For their holistic development, which increases their Intelligence Quotient, Social Quotient and Emotional Quotient, number of activities are organised under different clubs, towards which students are promoted to participate. Motivating students towards these activities is a challenge. At the same time most of the students in Delhi, commutes daily from far away places and do not stay in the hostel. Due to this planning and organising activities in the evening after classes is a challenge. With great efforts of all students in large number participate in these activities.
4. **The Practice** – Srijan, is an umbrella under which 10 clubs have been formed wherein series of activities throughout the year are undertaken. The purpose is to generate interest and inculcate certain values and skills which students otherwise are unable to learn such as –leadership, working in teams, communication, organising, creativity etc. The 10 clubs are : 1) Photography / Film Club; 2) Literary Club; 3) Dramatics Club; 4) Music and Dance Club; 5) Publication / Blogging / Magazine Club; 6) Fine Arts Club; 7) Science Club; 8) Nature Club; 9) Adventure Club; 10) Constitutional Club. These clubs are managed by student representatives from different Schools. On a regular basis, activities under these clubs are conducted by the students. Annual cultural festival Anugoonj is organised every year wherein the students from colleges and affiliated colleges participants. Under these clubs these activities have proved to be great stress buster for the students and their learning capabilities have also increased over the years.

5. **Evidence of Success** –This platform has proved to be a boon for the students. Their enthusiasm can be seen by the number of participation in each club. Students and faculty feedback on these clubs and activities is positive and encouraging. The positive impact of these activities is reflected in good placement year after year. The recruiters have given positive feedback about these activities in different schools. As a result of these activities and students participation in them, the learning capabilities of students have gone up which is also reflected in examination results, their overall satisfaction and selection in different organisations.

6. Problems Encountered and Resources Required –

- a) Less time available with students for participation.
- b) Most of the students commute daily from far away places , on account of which their involvement in these activities is on lower side.
- c) Sometimes the need for a trained instructor becomes the constraint to effectively carry out these activities.

Best Practices – 2

1. **Title of the Best Practices** – Best Researchers’ Award

2. **Objective of the Practice** –Creation of knowledge is an important function of any university and research plays an important role in knowledge creation. Guru Gobind Singh Indraprastha University after initial years of consolidation has given a big boost to promote research activities in the campus wherein both faculty and students are promoted to carryout research in their chosen areas of interest. The Best Researchers’Award given to a faculty from Schools is recognition of the contribution of faculty towards research and is also a way to motivate the young faculty to carry out research. The purpose is to create Research Culture in the campus. Every year on 5th September on the occasion of the Teachers’ Day these awards are given by an eminent academician invited for the function. It is also expected that faculty undertake quality research which is of international standards and also has social relevance.

3. **The Context** –Since the University offers professional and technical programmes where in the focus is more on teaching and grooming students for the industry. Research in view of this sometimes gets little priority. To overcome this problem and also to motivate the faculty to carry out research of international standard University initiated number of steps. These include; liberal funding to attend national and international conferences, project grants, and development grants for research infrastructure and institution of Researchers’ Award. Best Researchers’Award is unique to create healthy competitive research environment in the campus.

4. **Best Practice** –Best Researcher Award given annually is a step to promote research. It is also a recognition of individual faculty contribution towards research and thus a motivation for others to do better. For the purpose of award all University Schools are categorised in to four groups viz. Engineering & Technology; Sciences; Management Studies and Social Sciences. Awardees were given certificate and cash prizes. Award is given on the basis of score by a faculty in a particular year i.e. number of research papers, their impact factor, projects handled etc.

5. **Evidence of Success** – The success of the practice is reflected in the increasing number of faculty which participates in this process of researcher award. The practice has resulted in creating good research culture in the campus and the number of publications with high impact factor has gone up over the years.

The faculty and the schools have also been undertaking sponsored research projects from different agencies like UGC, DST, ICSSR, etc. The practice of Best Researcher' Award was started in 2009 and since then in last five years the faculty contributed 351 research papers in international journals, 101 in Refereed National Journals, 106 books and have published 305 abstracts. During this period faculty also completed 37 major research projects.

6. Problem Encountered and Resources Required –

- a) Everyone in the faculty is not participating in the process, increasing their numbers is therefore a challenge.
- b) Assessing the quality of research sometimes becomes difficult.
- c) Lot of time is devoted by faculty on regular teaching and grooming the students on account of which little time is left for research.
- d) Increasing budget for research year after year is a challenge.
- e) Promoting inter- disciplinary research in the University is also a challenge.

7.4 Contribution to environmental awareness / protection

- Tobacco Free Campus
- Use of Recyclable Materials
- Waste Management System
- Silence Zone awareness on campus
- Adoption of Village for generating environmental consciousness in people

7.5 Whether environmental audit was conducted? Yes No

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

Strengths

- University has a relatively young faculty and staff with median age in the range of 35-40.
- Excellent supporting infrastructure in terms of buildings, labs, residential facilities, sport complexes, and community center and hostels for over all development.
- University has developed financial stability and is operating almost on self financing mode.
- University has developed strong networking with its alumni, industries, research organizations, and leading national and international companies for better management practices, exposure and learning.
- Presence of University in terms of its campuses and affiliated colleges throughout NCR. University has two campuses i.e. West Campus at Dwarka and East Campus at Surajmal Vihar, Delhi and 107 affiliated colleges spread over whole NCR. Presently the University is operating from West Campus and the development of East Campus shall soon start.
- The University through its 13 On-campus Schools of Studies and 107 Affiliated Institutes offers 141 academic programmes at UG, PG and Doctoral levels in knowledge and skill intensive areas having high job opportunities such as engineering, management, medical and para-medical sciences, education, IT and computer applications, law and mass media to name a few to about 70,000 students with an annual intake of more than 29,000 students.

Weakness

- University has limited space of 60.7 acres in West Campus at Dwarka and 18.00 acres in East Campus at Surajmal Vihar, Delhi. The space is just sufficient to support the existing programmes of the University and thus restricts the future expansion plans of the University.
- As compared to premier institutions in Delhi, the maximum number of students admitted in the University are of average background.
- More than 95 percent of the students admitted in the University are getting education in self financed institutions affiliated to the University. The University has little direct intervention in the management of these institutions thus leaving very limited direct role in improvement of these organisations.
- Transfer of knowledge created in the University to industry in the form of sponsored industry projects is very limited. This results in low consultancy services provided by the University to industries.

Opportunity

- In Delhi, the institutions offering quality education are less than the requirement. In the absence, students are forced to seek admissions in institutions located in neighbouring areas offering poor quality education. This leaves huge scope of expansion to offer quality education.
- Most of the job opportunities offered these days are by professional and technical programmes. University over the years has created a strong base in these programmes and can further expand them to meet the rising requirement of these programmes.
- The number of companies operating from NCT of Delhi are very large which provide opportunity to the University to offer consultancy and training services in these organisations as well as provide training to its students.
- Location of the University in Delhi offers opportunity for attracting experienced and talented faculty from diverse organisations.

Threats

- Large number of reputed organisations operates from Delhi which makes the education scenario more competitive and therefore University always has to compete with leading organisations.
- The academic programmes offered by the University are professional and technical in nature which requires continuous up-gradation of faculty and interaction with industry.
- Majority of the students are getting education in self-financed affiliated institutions of the University. Their continuous improvement, up-gradation and better management is a big challenge. Any failure on their part can dent the reputation of the University and be problematic for the University any time.
- Regulatory frame work for professional and technical education is complex in the country and any sudden change in it can create problems.

8. Plans of institution for next year

Academic Activities

- Emphasis will be given to enrol maximum number of M. Phil. & Ph. D. students to enhance the level of research activities.
- Schools shall be encouraged to organise research Seminars / Workshops / Conferences / Talks / Lectures of eminent persons.
- Research activities shall to be promoted and efforts shall be made to establish linkages with reputed organizations and universities.
- Extending more facilities to faculty and research scholars for carrying out quality research.

Systemic Development

- Attempts shall be made to fill vacant posts, wherever required.
- To prepare and monitor academic calendar to ensure that both the annual and semester system runs smoothly and the number of teaching days goes up in the University.
- To change examinations & evaluation pattern to suite the requirements of semester system.
- Web - site of the University is to be updated and monitored regularly.
- RTI Cell has been created to provide timely information to stakeholders.
- PBAS and CAS related matters shall be expedited in a time bound manner.

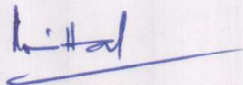
Infrastructure Development

- INFLIBNET Connections is to be provided through Fiber - Optics network to the University users.
- To increase the utility of existing infrastructure.
- Development of eco-friendly campus of the university.
Strengthening the infrastructure related requirements of the Staff Development Cell of the University.

Support Affiliated Colleges

- To provide guidance for accreditation / re - accreditation to the affiliated colleges as and when required / asked.
- Proper guidance would be given to the colleges / centres for implementing the new syllabi.
- Guidance would also be provided to all affiliated colleges for maximum use of UGC / ICSSR/DST Schemes.
- Schools shall organise faculty development programs in which faculty from affiliated institutions shall be encouraged to attend these programs.

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Signature of the Coordinator, IQAC

Name: Prof. Anil K. Tyagi



Signature of the Chairperson, IQAC
