

2017-18

Annual Quality Assurance Report (AQAR)



**SHARDA UNIVERSITY,
Knowledge Park III,
Plot No. 32 & 34
Greater Noida, U.P.
www.sharda.ac.in**

(NAAC Track ID: UPUNGN 11341)

SHARDA UNIVERSITY
Annual Quality Assurance Report (AQAR)
2017-18

Part – A

1. Details of the Institution

1.1 Name of the Institution

SHARDA UNIVERSITY

1.2 Address Line 1

Plot no 32 & 34

Address Line 2

Knowledge Park III

City/Town

Greater Noida

State

Uttar Pradesh

Pin Code

201310

Institution e-mail address

vice.chancellor@sharda.ac.in
registrar@sharda.ac.in

Contact Nos.

Vice Chancellor-8800998801
Registrar – 8800998803

Name of the Head of the Institution:

Prof. GRC Reddy – Vice Chancellor

Tel. No. with STD Code:

Vice Chancellor- 0120-2333999

Ext-: 2939

Registrar- 0120-2333999

Ext-: 2900

Mobile:

Vice Chancellor- 8800998801

Registrar -8800998803

Name of the IQAC Co-ordinator:

Prof. R.M. Mehra

Mobile:

997127134

IQAC e-mail address:

iqac@sharda.ac.in

1.3 NAAC Track ID

UPUNGN 11341

1.4 NAAC Executive Committee No. & Date:

EC (SC)/17/A & A/141.1 on 16 Sept, 2016

1.5 Website address:

www.sharda.ac.in

Web-link of the AQAR:

<https://www.sharda.ac.in/assets/uploads/files/SHARDA UNIVERSITY AQAR 2017-18.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.40	2016	5 years
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

01/11/2014

1.8 AQAR for the year

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

AQAR 2016-17 submitted on 31/08/2017 to NAAC and uploaded on the website

1.10 Institutional Status

University State ☐ Central ☐ Deemed ☐ Private ☒

Affiliated College Yes ☐ No ☒

Constituent College Yes ☐ No ☒

Autonomous College of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>		
Regulatory Agency approved Institution	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Regulatory Agencies- BCI, MCI, DCI, PCI, INC, NCTE, CoA	
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input type="checkbox"/>
	Grant-in-aid + Self Financing			<input type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>

1.11 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI
TEI (Edu)	<input checked="" type="checkbox"/>	Engineering	<input checked="" type="checkbox"/>	Health Science	<input checked="" type="checkbox"/>	Management	<input checked="" type="checkbox"/>	

Others (Specify)

Allied Health Science, Architecture, Dental, Design & Media Studies, Nursing, Agriculture and Pharmacy

1.12 Name of the Affiliating University

Not Applicable

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

Autonomy by State/Central Govt/ University

☒

University with Potential for Excellence

☐

UGC-CPE

☐

DST Star Scheme

☐

UGC-CE

☐

UGC-Special Assistance Programme

☐

DST-FIST

☐

UGC-Innovative PG programmes

☐

Any other (*Specify*)

☐

UGC-COP Programmes

☐

2. IQAC Composition and Activities

2.1	No. of Teachers	22
2.2	No. of Administrative/Technical staff	3
2.3	No. of students	2
2.4	No. of Management representatives	2
2.5	No. of Alumni	1
2.6	No. of any other stakeholder and community representatives	-
2.7	No. of Employers/ Industrialists	1
2.8	No. of other External Experts	-
2.9	Total No. of members	31
2.10	No. of IQAC meetings held	4
2.11	No. of meetings with various stakeholders: No.	18
	Faculty	10

Non-Teaching Staff Students	<input type="text" value="6"/>	Alumni	<input type="text" value="2"/>	Others	<input type="text" value="-"/>
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2.12 Did IQAC receive any funding from UGC during the year?

Yes	<input type="text"/>	No	<input checked="" type="text" value="√"/>
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If yes, mention the amount

NA

2.13 Seminars and Conferences (only quality related)

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

Total No.	<input type="text" value="13"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text" value="13"/>
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ii Themes)

Outcome Based Education, Teaching –Learning techniques, Mentoring, Safety, Faculty Training on ERP systems
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2.14 Significant Activities and contributions made by IQAC

- Widespread awareness building on “Outcome Based Education”
- Induction training of freshly inducted faculty in University
- Promoted Quality Research through interactive sessions with experts
- Conducted several workshops and FDPs*
- Strengthened policies related to various academic and non-academic aspects the university
- Conducted Academic and Administrative audits, Monitoring of attendance and regularity of classes being held

**Details placed in Annexure A*

2.15 Plan of Action by IQAC/Outcomes

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 is *attached as Annexure B as Action Taken Report.*

The Academic Calendar (2017-18) is attached as *Annexure C*

2.15 Whether the AQAR was placed in statutory Yes ☒ No ☐
body

Management ☐ Syndicate ☐ Any other body ☒

AQAR and ATR were approved by the Academic Council on December 15, 2018.

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	22	02	22	22
PG	73	15	73	73
UG	66	13	66	66
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	08	05	08	08
Certificate	04	02	04	04
Others	-	-	-	-
Total	173	37	173	

Interdisciplinary	12	0	12	12
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: Flexibility in Curriculum is ensured through Open Electives and Choice Based Credit System (CBCS) in place.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	152
Trimester	-
Annual	33

1.3 Feedback from stakeholders (*On all aspects*)

Alumni ☒ Parents ☒ Employer ☒ Students* ☒

Co-operating schools (for PEI) ☐

Mode of feedback :

Online

☒

Manual

☒

*Sample analysis of feedback is attached as *Annexure 1.3*

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

Yes. Syllabus is modified based on:

- Recent trends in markets and industry
- Feedback received from Stakeholders like employers, Alumni and BOS members

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

1. Center for advanced research in applied mathematics and physics
2. Xcelerator centre
3. Sharda Launchpad
4. Sharda Skills

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
654	382	79	117	76

2.2 No. of permanent faculty with Ph.D.

167

Note: Faculty with MD, MS, MCh, DM, MDS = 179

2.3 No. of Faculty Positions Sanctioned (S) Recruited (R) and Vacant (V) during the year (2017-18)

Asst. Professors			Associate Professors			Professors			Others			Total		
S	R	V	S	R	V	S	R	V	S	R	V	S	R	V
162	147	15	66	14	52	22	21	1	58	29	29	308	211	97

2.4 No. of Guest and Visiting faculty and Temporary faculty

-	34	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	60	330	36
Presented papers	68	74	01
Resource Persons	14	28	03

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

The Internal Quality Assurance Cell (IQAC) which consists of representatives from Students, Teachers, Administration, Industrialists, Academicians and Management is responsible for organizing, implementation and evaluation of the various Teaching and Learning activities. The curriculum is regularly revised with feedback received from subject experts, industry experts, student, alumni & parents. To make the teaching learning effective and contemporary following measures are taken:

Teaching tools: Through the Learning Management System, a robust online portal, students are able to access all course related information.

Trainings and Workshops: Trainings/workshops are organized for students to supplement classroom learning such as, software training and writing research paper. Development Programs and Orientation Programs are also held at beginning of year to improve their social skills/grooming as well as interaction with the faculty members and staff for better learning experience.

Tech Fest: Tech Fest is organized every year to expose students to emerging developments taking place at national and international level, and to provide a platform to present their innovative ideas/exhibits.

Usage Library: The university libraries are well stocked with books, journals, and back volumes, and e-journals, text books, reference books. The students have access of the libraries on internet. To motivate students and faculty members to visit library frequently, a top 5 user award has been introduced from the current session.

Sharda Skills: For developing skills in key technological areas, the University has a variety of courses for its students to help them to embark on the journey of competitive modern world. The department focuses on :

- To introduce industrial way to learning.
- To provide familiarity with the tools that are used in industry.
- To provide design and development based learning strategy.

Academic Monitoring: Regular checking of students' attendance is done through an online system. Lectures audits by heads of departments and Deans keeps a close check on the quality of teaching. Feedback on teaching and learning is also taken semester-wise/annually to monitor the teaching quality.

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

180 + Summer Term

2.8 Examination/ Evaluation Reforms initiated by the Institution

- All answer books at the University are bar coded since 2012.
- Result audit done by senior experts from reputed central universities.
- The feedback of the audit utilized to identify gap areas and take corrective measures.
- The University has started the process of generating automatic question paper by establishing the SAQPGS (Sharda Automated Question Paper Generating System) which has been tested and fully functional from session 2018-19

- To maintain the security and sanctity of the examination system, the Controller of Examinations office is stocked with two heavy duty RISO machines (EZ series) for printing question papers.

2.9 No. of faculty members involved in curriculum

restructuring / revision/ syllabus development

as member of Board of Study/Faculty/Curriculum

Development workshop

151	122	114
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2.10 Average percentage of attendance of students

70

2.11 Programme wise distribution of pass percentage of final year batch:

S. No.	Program/Branch	No. of Students passed in 2017-18					
		Total Student Appeared	Total Student Pass	First Division with Honors	First Division	Second Division	Pass %
School of Engineering & Technology							
1	B. Tech.-Computer Science & Engg.	121	112	17%	69%	7%	93
2	B. Tech.-Information Technology	5	4	20%	60%	0%	80
3	B. Tech.-Electronics & Comm. Engg.	36	31	25%	61%	0%	86
5	B. Tech.-Electrical & Electronics Engg.	20	18	30%	55%	5%	90
6	B. Tech.-Mechanical Engineering	78	70	12%	71%	8%	90
7	B. Tech.-Civil Engineering	100	87	8%	63%	16%	87
8	B. Tech.-ME with Automobile Engineering	9	6	0%	67%	0%	67
9	B. Tech.-Biotechnology	42	40	24%	64%	7%	95
10	BCA	46	35	4%	57%	15%	76

11	MCA	28	27	14%	68%	14%	96
12	M. Tech-CSE (Networking)	7	7	0%	100%	0%	100
13	M. Tech-CSE (Software Engg.)	7	7	43%	57%	0%	100
14	M. Tech-CSE (Cyber Security)	3	3	33%	67%	0%	100
15	M. Tech-ECE (VLSI Technology)	10	10	60%	40%	0%	100
16	M. Tech-ECE (Digital Communication)	9	9	89%	11%	0%	100
17	M. Tech-EEE (Power Systems)	6	5	33%	50%	0%	83
18	M. Tech-EEE (Instr.& Control)	3	3	33%	67%	0%	100
19	M. Tech-ME (PIE)	12	12	17%	75%	8%	100
20	M. Tech-ME Fluids & Thermal Engg.)	3	3	33%	67%	0%	100
21	M. Tech-CE (Environmental Engg.)	12	11	25%	58%	8%	92
22	M. Tech-CE (Structural Engg.)	21	20	19%	57%	19%	95
23	M. Tech-CE (Construction Management)	11	8	0%	64%	9%	73
24	M. Tech.-BT (Animal Biotechnology)	4	4	50%	50%	0%	100
School of Business Studies							
1	B.A.(Hons)-Applied Economics	4	4	50%	25%	25%	100
2	BBA (Entrepreneurship)	15	12	0%	67%	13%	80
3	BBA (Dual)	163	130	10%	53%	17%	80
4	BBA (Banking & Finance)	37	30	5%	68%	8%	81
5	BBA (IB)	38	29	11%	58%	8%	76
6	B. Com. (Hons.)	70	60	14%	51%	20%	86
7	MBA (HCHA)	8	8	25%	75%	0%	100
8	MBA (Banking & Finance)	28	28	4%	86%	11%	100

9	MBA (Marketing)	48	41	13%	46%	27%	85
10	MBA (IB)	13	12	8%	62%	23%	92
11	MBA (HRM)	20	20	5%	80%	15%	100
12	MBA (Dual)	37	32	11%	62%	14%	86
13	MBA (Banking Services)	43	43	23%	51%	26%	100
School of Law							
1	BA LLB	38	32	3%	71%	11%	84
2	BBA LLB	43	34	0%	65%	14%	79
3	B.Com. LLB	11	11	0%	64%	36%	100
4	LLM	34	32	29%	59%	6%	94
School of Architecture & Planning							
1	B. Arch.	72	64	14%	71%	4%	89
School of Art, Design & Media Studies							
1	B.A. (Journalism & Mass Comm.)	96	82	19%	65%	2%	85
2	Bachelor of Design (Interior Design)	6	5	0%	83%	0%	83
3	Bachelor of Design (Industrial & Product Design)	3	3	67%	33%	0%	100
4	Bachelor of Design (Fashion Design)	6	3	17%	33%	0%	50
5	Bachelor of Design (Digital & Interactive Design)	2	1	0%	50%	0%	50
6	Master of Journalism & Mass Comm.	14	13	64%	29%	0%	93
School of Languages & Culture							
1	BA (Hons.)-English	32	27	16%	50%	19%	84
2	MA-English	8	7	38%	38%	13%	88

School of Basic Sciences & Research							
1	B. Sc. (Hons.)-Physics	14	13	21%	71%	0%	93
2	B. Sc. (Hons.)-Mathematics	26	22	19%	65%	0%	85
3	B. Sc. (Hons.)-Biochemistry	10	10	40%	60%	0%	100
4	B. Sc. (Hons.)-Biotechnology	39	35	31%	51%	8%	90
5	B. Sc. (Hons.)-Chemistry	30	24	10%	53%	17%	80
6	B. Sc. (Hons.)-Food Science & Technology	11	9	18%	55%	9%	82
7	M. Sc.-Biotechnology	18	17	39%	50%	6%	94
8	M. Sc.-Microbiology	11	10	64%	27%	0%	91
9	M. Sc.-Chemistry	13	13	62%	38%	0%	100
10	M. Sc.-Food Science & Technology	5	4	60%	20%	0%	80
11	M. Sc.-Mathematics	7	7	29%	71%	0%	100
12	M. Sc.-Physics	8	7	50%	38%	0%	88
School of Education							
1	Bachelor of Education	23	22	52%	43%	0%	96

S. No.	Program/Branch	No. of students appeared	No. of Students passed	Pass %
School of Allied Health Sciences				
1	BPT	33	30	90
2	B. Sc. (MLT)	25	18	72
3	B. Sc. (Medical Imaging Technology)	27	24	88
School of Dental Sciences				
1	BDS	88	81	92

2	MDS	20	20	100
School of Medical Sciences & Research				
1	MBBS	97	66	68
2	MD	10	9	90
School of Nursing Sciences & Research				
1	B. Sc. (Nursing)	36	29	80
2	PB B.Sc.	2	2	100

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

To ensure the quality culture in the university IQAC has taken the following initiatives:

1. Vision and Mission of the University and Schools has been revisited and the final versions have been uploaded on the university website.
2. Workshops on OBE was conducted to create the awareness about OBE.
3. Academic and Administrative Audits have been conducted of all the schools and feedback is sent to schools as per the outcome of the analysis of these Audits.
4. FDPs on participatory learning and promote the use of ICT tools.
5. Feedback on curriculum from the following stakeholders such as Students, Alumni, Parents, Peer faculty has been collected and analysed.
6. Student Satisfaction survey and Faculty satisfaction survey were conducted and analysed.
7. Employee profile management system was developed to strengthen the institute database and maintaining /enhancing the institutional quality. The portal has been in use from the current session 2018-2019

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	18
UGC – Faculty Improvement Programme	8

HRD programmes	5
Orientation programmes	38
Faculty exchange programme	0
Staff training conducted by the University	118
Staff training conducted by other institutions	24
Summer / Winter schools, Workshops, etc.	98
Others(Industrial training, MOOC)	191

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	518	7	126	16
Technical Staff	682	63	252	01

Criterion – III

3. Research, Consultancy and Extension

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

As per our core research focus, Sharda University develops R&D competencies in the specific domain areas of science, engineering, medical and management studies with focus on inter disciplinary research providing solutions to important issues facing society with emphasis on local problems.

IQAC ensures that the following actions are taken up on regular basis to promote research atmosphere in the University.

- Research Advisory Committee has been constituted to strengthen the research activities.
- Initiated various schemes of incentives and awards for the University faculty members for outstanding contribution in research activity.
- On a regular basis IQAC monitors the status of a provision for minor research grant for initialization of project.
- Support in organization of Distinguished Lecture Series and Conferences/Seminars
- Encouraging Faculty members to write project proposals for external research funding
- Counselling regarding signing MoUs with the leading national/international organizations
- Identification of new research areas and deployment of internal resources to implement through Ph.D research.
- Provision of financial support to attend National/International conferences/Seminars/Workshops etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	08	08	01	3
Outlay in (Lakhs)	187.20	356.77	34.91	192.7

Government Funded Research Projects (Completed)						
S. No.	Title of Project	Name of the funding agency	Grant Sanctioned	Grant Received	Principal Investigator	Department
1	Development of High Dielectric Constant Polymer Composite for Pulsed Power System	DRDO	7,00,000	700000	Prof. B. Bhattacharya	SBS R
2	Development of nano porous TiO ₂ electrode and modified solid polymer electrolytes for Dye Sensitized Solar cells (DSSC)	DST	1,814,000	1814000	Prof. B. Bhattacharya	SBS R
3	Case studies of impacts of climate change on hydrological regime in Nepal, India and Afghanistan, Kathmandu, Nepal	ICIMOD	40,45000	4045000	Dr. Rajesh Kumar	SBS R
4	Effect of Swift Ion Beam on Polymer Electrolyte Films	DST	23,00,000	2300000	Prof. B. Bhattacharya	SBS R
5	Nanostructured silver phosphate glasses for solid state batteries	DRDO	13,00,000	1300000	Prof. N.B. Singh	RTD C
6	Development and characterization of Ionic Polymer Blend Membrane Metal Composites for the application of Actuation Devices	DRDO	32,00,000	3200000	Prof. R. M. Mehra	RTD C
7	Snout Monitoring, Mapping, Mass and Energy Balance and Assessment of Biophysical Environment of Naradu Glacier.	DST	19,61,800	1961800	Dr. Rajesh Kumar	SBS R
8	Molecular Characterization and Development of user friendly onsite detection kit for BBTv	DBT	3,400,000	3400000	Dr. Shahana Majumdar	SBS R
	Final Amount (Lakh)		187.20	187.20		

R & D Projects (On Going)						
S. No	Title of Project	Name of the funding agency	Grant Sanctioned (Rs)	Grant Received (Rs)	Principal Investigator	School
1	Estimation of glacier mass balance, glacier dynamics and surface flow using UAV's (Unmanned Aerial Vehicles) in Baspa Basin, Himachal Pradesh	MOES	4,973,053	210000	Prof. Rajesh Kumara	SBSR
2	Study of Glacio-hydro-meteorological Processes at the Naradu Glacier	DST	5,055,000	700000	Prof. Rajesh Kumar	SBSR
3	Contribution to High Asia Runoff from Ice and Snow (CHARIS)	USAID	75,10,700	935250	Prof. Rajesh Kumar	SBSR
4	Role of Mamalian peroxidase in mammary carcinogenesis: structural and functional studies of lactoperoxidase in complex potential	INSA	1,500,000	500000	Dr. Amit Kumar Singh	SET
5	Development of a multiplex indexing technique using gold nanoparticle reporters for onsite detection of multiple viruses infecting Banana	DBT	4731400	1957500	Prof. Shahna Mazumdar	SET
6	Signal transduction in cancer prevention in response to radiation induced carcinogenesis Agency- DBT Ramalingaswamy	DBT	7400000	3279000	Dr. Pankaj Taneja	SET
7	Development and characterization of swift response actuators using carbon allotrope's based ionic polymer blend membranes	DRDO	2507000	2507000	Prof Bhaskar Bhattacharya, and Prof. R.M Mehra	SBSR
8	Integrated studies of himalayan cryosphere using space based inputs (ISHC)	SAC	2000000	10,00000	Prof. Rajesh Kumar	SBSR
	Total amount (Lakh)		356.77	110.88		

Sanctioned Projects					
S.No.	Title of Project	Name of the funding agency	Requested (INR)	Principal Investigator	School
1	Synthesis and characterization of Epoxybased inorganic-Organic hybrid polymers and their evaluation as adhesives and Matrix Resins for composites for Space Applications"	Indian Space Research Organisation	34,91,000	Prof. Packirisamy	SBSR
	Total amount (Lakh)		34.91		

Submitted Projects					
S.No.	Title of Project	Name of the funding agency	Grant Requested (INR)	Principal Investigator	School
1	Programmable High Resolution Transducer for Ultrasound Imaging	SERB	84,50000/-	Prof. B. S. Panwar	SET
2	Understanding the Effects of Yoga and Meditation on Mind, Body and mental Health	SERB	61,00000/-	Prof. B. S. Panwar (Co-PI)	SET
3	Capacitive Micro-machined Ultrasonic Transducer (CMUT) for Medical Imaging and Under Water Communication	DST	47,20000/-	Prof. B. S. Panwar (Co-PI)	SET
		Total (Lacs)	192.70		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		6		
Outlay in Rs. Lakhs		48		

Detail of minor projects:

3.4 Details on research publications

	International	National	Others
Peer Review Journals	181	62	0
Non-Peer Review Journals	0	36	0
e-Journals	08	13	0
Conference proceedings	0	36	0

3.5 Details on Impact factor of publications:

Range	Average	h-index	Number of paper in Scopus
0.84-5.88	3.33	31	181

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 (Lakh)
Major projects (Ongoing)	3-4	DRDO, DST, ICIMOD, DBT, MOES, USAID, INSA etc.	356.77	110.89
Minor Projects	3	MSME	48	13
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2	Sharda University	30.35	
Students research projects (<i>other than compulsory by the University</i>)	2-3	Sharda University	1.30	
Any other(Specify)				

3.7 No. of books published

With ISBN	Without ISBN	Chapter in Edited Books
22	03	17

3.8 No. of University Departments receiving funds from

UGC-SAP	CAS	DST-FIST	DPE	DBT Scheme/funds
NONE				

**** Receiving fund from DST INSPIRE**

3.9 For colleges

Autonomy	CPE	DBT Star Scheme	INSPIRE	CE	Any Other (specify)
N/A					

3.10 Revenue generated through consultancy

Total amount (Lacs)	50.81
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Revenue generated from consultancy					
S. No	Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated
1	Milindo Chakrabarti	South South Cooperation	Research and Information System for Developing Countries (http://www.ris.org.in/)	2015	720000

2	Milindo Chakrabarti	Evaluation of BCURE programme delivered by Harvard Kennedy School, Harvard University, USA	ITAD, London on behalf of DFID	2015	258993
3	Milindo Chakrabarti	South South Cooperation	Research and Information System for Developing Countries (http://www.ris.org.in/)	2014	85000
4	Milindo Chakrabarti	Evaluation Consultant	Independent Evaluation Office, Planning Commission	2014	75000
5	Milindo Chakrabarti	Evaluation Consultant	British Council	2013	1040000
6	Prof. Bhim Singh	Mr. Mukesh Garg PRAKASH DIESELS (P) LTD	Char Puliya, Near Ravi Cold Storage, Narich Hathras Road, Sati Nagar, Naraich, Agra-282006, U.P.	2017	1,000,000
7	Dr. Pallavi Gupta	Mr. Sameer Gupta Jacksons Generators	A-43, Hosiery Complex Block B, Noida Phase-2 Noida, U. P	2017	1500000
8	Prof. Arun Mehta (Left on 31 Aug 2017)	Nivo Controls Private Limited	Nivo Controls Private Limited, Indore	2017	150000
9	Dr. Gaurav Saini	Development of a National Manual on Stormwater Drainage	WAPCOS Ltd., Ministry of Water Resources (GoI)	2017	300000
10	Prof. Ishan Ranjan	UX/UI Design Patterns	Apple Eco System	2017	51000
11	Gouri Shankar Mishra	Net Neutrality	BSF	2017	1000
12	Dr. Kiran	Green Computing	BSF	2017	1000
Total in Lakh					51.819

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	09	252	--	180	--
Sponsoring agencies	<ul style="list-style-type: none"> ➤ Idemia, ➤ Erricson ➤ Indoplast ➤ Vigyan Prasar, Department of Science & Technology, Govt. of India, ➤ District Legal Services Authority, ➤ District Sessions & Civil Court, Gautam Budh Nagar ➤ "SCC Online ➤ "FTII Pune ➤ Apple Inc. ➤ Oxfam India ➤ MOES ➤ Human Resource Federation of India (HRFI) ➤ The Moon Beverages a Coca Cola's plant ➤ Oil and Natural Gas Corporation Ltd. ➤ District Legal Services Authority, Gautam Budh Nagar ➤ Old Heritage Monuments, Purana Qila ➤ I NURTURE ➤ Mother Dairy ➤ ELT@I-NCR ➤ Star Bellezza Production ➤ Department of Design ➤ Elecrama , Expo Mart ➤ District Legal Services Authority, District Sessions & Civil Court, Gautam Budh Nagar ➤ Edu TV ➤ Archi CAD ➤ ITS ➤ Industry fair ➤ ASSOCHAM ➤ Indian Association of Conservative Dentistry & Endodontics ➤ merchandising trip ➤ INDIA DESIGN EXIBITION ➤ I-nurture ➤ Education Solutions Pvt. ltd Bangalore ➤ Society of Indian Automobile Manufactures (SIAM) ➤ CIET, National council of Educational Research and Training, New Delhi ➤ News Nations 				

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

International	National	Any Other
11	93	09

3.13 No. of collaborations

International	National	Any Other
04	15	2

3.14 No. of linkages created during this year

Academic linkages	Industries
33	239

1. Heriot Watt University, UK
2. University of Illinois, USA
3. Industrial University of Tyumen, Russia
4. ADA University, Azerbaijan
5. Southwest Jiaotong University, China
6. Noman Sadat University, Afghanistan
7. Al-Mustaqbal University, Iraq
8. Rana University, Afghanistan
9. Uniglobe College, Nepal
10. Polytechnic Institute of Leiria, Portugal
11. University of Muhammadiyah Sumatera, Indonesia
12. Missouri State University, USA
13. Karabuk University, Turkey
14. Taipei Medical University, Taiwan
15. Georgian National University, Georgia
16. Dunya University, Afghanistan
17. Mid Western University, Nepal
18. Nile University, Nigeria
19. Eurasian National University, Kazakhstan
20. JSC International University, Kazakhstan
21. JSC National Company Kazakhstan Garysh Sapary, Kazakhstan
22. JSC National Center for Space Research and Technology, Kazakhstan
23. RSE Karaganda State Industrial University, Kazakhstan
24. St. Petersburg National Information Research University, Russia
25. LLP Special Design Technological Bureau, Kazakhstan
26. LLC Scientific and Technical Center SOTSBI, Ukraine
27. Huawei Technologies Kazakhstan, Kazakhstan
28. Ghalib University, Afghanistan
29. Group 3iL University, France
30. Mendel University, Czech Republic
31. Tabesh University, Afghanistan
32. Sati Mutira University, Indonesia
33. Institute of Professional Studies, Bhutan.

3.15 Total budget for research for current year in lakhs:

From Funding agency	From Management of University	Total
356.77	34.9	391.67

3.16 No. of patents received this year:

Type of Patent		Number
National	Applied*	14*
	Granted	--
International	Applied	N/A
	Granted	
Commercialised	Applied	
	Granted	

*

S.NO.	File Number	Applicant	Title	Application Number	Date Of Filling
1	P-1461	Sharda University	A Self-Compacting Concrete Mix	201811029961	09/08/2018
2	P-1420	Sharda University	A Microbial Fuel Cell With Interconnected Anode Chambers	201711046878	27/12/2017
3	P-1409	Sharda University	An Auto Dripping Microbial Fuel Cell	201711046879	27/12/2017
4	P-1408	Sharda University	A Process Of Treating Wastewater With A Natural Coagulant	201711043359	04/12/2017
5	P-1407	Sharda University	A Method Of Linking A Non-Geo-Referenced Map With A Geo-Referenced Map	201811003383	30/01/2018
6	P-1388	Sharda University	A Method Of Expression Of Coat Protein Gene Of Banana Bunchy Top Virus (Bbtv) In Bacterial Host	201711037837	25/10/2017
7	P-1341	Sharda University	A Process For Simultaneous Treatment And Management Of Waste From Petha Sweet Industry (Benincasa Hispida)	201711031476	05/09/2017
8		Sharda University	Iron Filings As Complete Replacement Of Sand In Production Of Concrete	201711028554	11-AUG-17

9		Sharda University	Device Free Localization Technology	201711043600	05-DEC-17
10		Sharda University	A Decentralized Water Filtration System	201711026683	PROVISIONAL- 27-JUL-2017 COMPLETE- 24TH JULY 2018
11		Sharda University	Method And Composition Of Producing Fertilizer(Use Of Sbr-Based Stp's Sludge As Fertilizer For Tomato Crop)	201711038191	27-OCT-17
12		Sharda University	System And Method For Automatic Attendance.	201711038192	27-OCT-17
13		Sharda University	Microbial Packed Bed Fuel Cell		INVENTOR REPLY PENDING
14		Sharda University	A Composite Concrete Composition And Process Of Preparation Thereof	201811030291	13-08-2018

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
30	--	30*	--	--	--	--

*

S. No	Name of award	Faculty	Name of organization	Year
1	Excellence in Academics award	Prof Senthil P Kumar	Rajasthan Physiotherapy Association (Rpa), Jaipur.	2017
2	Academician excellence award	Prof Senthil P Kumar	Janardhan Rai Nagar Rajasthan Vidyapeeth University, Udaipur.	2017

3	Physio Excellence award	Prof Senthil P Kumar	Jammu & Kashmir Branch Of Indian Association Of Physiotherapists (Iap), Srinagar.	2017
4	Distinguished service award	Prof Senthil P Kumar	Physio Foundation Of India, Hyderabad	2017
5	Best Academician award	Prof Senthil P Kumar	All Assam Physiotherapy Association (Aapa) + Assam Branch Of Indian Association Of Physiotherapists (Iap), Guwahati.	2017
6	Lifetime Achievement award	Prof Senthil P Kumar	Gurgaon Physiotherapy Association (Gpa), Gurugram.	2017
7	Best Academician award	Prof Senthil P Kumar	Tripura Physiotherapy Association (Tpa) + Tripura Branch Of Indian Association Of Physiotherapists (Iap), Agartala.	2017
8	PHYSIO RATNA award	Prof Senthil P Kumar	Vidhyadeep Institute Of Physiotherapy, Surat	2017
9	Significant contribution award	Prof Senthil P Kumar	Dr Ketan Bhatikar's Sparc, Goa.	2017
10	Best Researcher award	Prof Senthil P Kumar	Salem Physiotherapy Doctors Association, Salem	2017
11	Research Excellence award	Prof Senthil P Kumar	Lucknow Physiotherapy Association (Lpa) + Lucknow Branch Of Indian Association Of Physiotherapists (Iap), Lucknow.	2017
12	Distinguished service award	Prof Senthil P Kumar	Relife Rehabilitation Hospital, Jaipur.	2017
13	The 100 Most Dedicated Teachers of India	Prof. Rainu Gupta, School of Education	World Education Congress,rlb@worldcsrday.com	2017
14	SNA Scholarship AWARD	Ms.Deepanjali Rai.(Student)	The Trained Nurses Association of India L-17, Florence Nightingale Lane Green Park Main, New Delhi-110016 Ph: 01126566665, 01126858304 Email: helpdesk@tnaonline.org, prim@tnaonline.org	2017
15	SNA Scholarship of Rs.24000/ Year	Ms.Deepanjali Rai.	The Trained Nurses Association of India L-17, Florence Nightingale Lane Green Park Main, New Delhi-110016 Ph: 01126566665, 01126858304 Email: helpdesk@tnaonline.org, prim@tnaonline.org	2017-2018

16	Sub-inspector (Staff Nurse) Pre-promotional course Instructor	Mr.Nikhil Raj	Referral Hospital Indo Tibetan Border Police Force Ministry of Home affaaairs, Govt. of India, Gr.Noida Ph:0120- 2350067	2017
17	Sub-inspector (Staff Nurse) Pre-promotional course Instructor	Mr. R Sree Raja Kumar	Referral Hospital Indo Tibetan Border Police Force Ministry of Home affaaairs, Govt. of India, Gr.Noida Ph:0120- 2350067	2017
18	Sub-inspector (Staff Nurse) Pre-promotional course Instructor	Mr.Dani Philip	Referral Hospital Indo Tibetan Border Police Force Ministry of Home affaaairs, Govt. of India, Gr.Noida Ph:0120- 2350067	2017
19	Sub-inspector (Staff Nurse) Pre-promotional course Instructor	Mr. Khumunthe m Linda Devi	Referral Hospital Indo Tibetan Border Police Force Ministry of Home affaaairs, Govt. of India, Gr.Noida Ph:0120- 2350067	2017
20	Sub-inspector (Staff Nurse) Pre-promotional course Instructor	Mr.Imran Khan	Referral Hospital Indo Tibetan Border Police Force Ministry of Home affaaairs, Govt. of India, Gr.Noida Ph:0120- 2350067	2017
21	Delhi Studio: Phaneendra Nath Chaturvedi	Phaneendra Nath Chaturvedi	Take on India Magazine, New Delhi, Issue-1, Volume-4, Jan-Jun 2018	2018
22	Art For The Android Fuelled Anthropoids,	Phaneendra Nath Chaturvedi	ArtAsia Pacific Magazine, Hong Kong, March-April 2017, Issue No.102	2017
23	From Classical to Contemporary, Winter Online Auction December 6-7	Phaneendra Nath Chaturvedi	conducted by www.saffronart.com http://www.saffronart.com/auctions/Post Work.aspx?l=25480	2017
24	Modern & Contemporary Indian Art, Summer Online Auction June 7- 8	Phaneendra Nath Chaturvedi	conducted by www.saffronart.com http://mediacloud.saffronart.com/auctions/ 2017/summerauc/ecataloguev1/summerau c17.html#102-103	2017
25	President Appreciation	Dr. Shishir Dutt	IMA	2017

	Award (UP)			
26	Fellowship	. Dr. Satendra Kumar	EIAGES	2017
27	Fellowship	Dr. Vikram Singh	EIAGES	2017
28	‘Investigator of the year Award’	DR.SAURA BH SRIVASTA VA	BPCON	2107
29	Fellowship of Royal College of Physicians of Edinburgh	DR.SAURA BH SRIVASTA VA	FRCP(ed)	2017
30	2nd Prize-poster presentation	Dr. Manish Kumar)	ESI conference	2017

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

No. of faculty who are Ph. D. Guide	Number of Students registered
88	186

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

Total degree awarded till July 2018	54
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3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	SRF	Project Fellows	Any Other
13	03	18	-

	S. No	Name of Research fellow	Year of enrolment	Granting agency
JRF	1	Nitin Appa Jadhav	2010	DST
	2	Rahul Singh	2012	DST
	3	Rahul Johari	2015	DST
	4	Karan Surana	2013	DRDO
	5	Karan Surana	2017	DRDO
	6	Shruti Singh	2011	DST
	7	Atar Singh	2013	USAID, USA
	8	Niraj Kumar	2015	DST
	9	Atar Singh	2017	MoES
	10	Shivangi Johari	2011	DBT
	11	Jyoti Singh	2017	DBT
	12	Shivangi Johari	2012	DBT
	13	Jyoti Singh	2018	DBT
SRF	1	Nitin Appa Jadhav	2012	CSIR HRDG
	2	Shruti Singh	2015	DST
	3	Arnab Kundu	2017	MoES
Project Fellow	1	Shaktiman Singh	2012	SAWI, ICIMOD & World Bank
	2	Ramesh Kumar	2013	USAID, USA
	3	Shaktiman Singh	2013	USAID, USA
	4	Anshuman Bhardwaj	2015	USAID, USA
	5	Himanshu Chinwan	2016	USAID, USA
	6	Himanshu	2017	USAID, USA
	7	Umesh Kumar Singh	2017	USAID, USA
	8	Shaktiman Singh	2018	MoES
	9	Bhaskar Pratap	2012	DRDO Delhi
	10	Arvind Kumar	2013	DRDO Delhi
	11	Sonal Agrawal	2014	DRDO Delhi
	12	Amir Riyaz Khan	2011	Ministry of Minority Affairs
	13	Kumar Shivam	2016	DBT, CGO Complex
	14	SUPRIYA Agarwal	2014	Sharda University
	15	Katembo Kituta	2016	
	16	Dennis Uwaifo	2017	
	17	Lorenz Van	2017	
	18	Rikkert Van Durme	2017	

3.21 No. of students Participated in NSS events:

University level	State level	National level	International level
221	None		

3.22 No. of students participated in NCC events:

University level	State level	National level	International level
35	16	Nil	Nil

3.23 No. of Awards won in NSS:

University level	State level	National level	International level
None			

3.24 No. of Awards won in NCC:

University level	State level	National level	International level
17	17	Nil	Nil

3.25 No. of Extension activities organized

University forum	College forum	NCC	NSS	Any other
9	None			05

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

Following activities were conducted in the sphere of extension activities and Institutional Social Responsibility:

S.NO	Name of the activity	Organizing unit/ agency/ collaborating agency	Year of the activity
1	Legal Aid Camp/ Legal Literacy Camp	District Legal Service Authority, G.B Nagar	2017
2	World Earth Day	MOES	2018
3	Free Legal Aid Camp	District Legal Services Authority, District Sessions & Civil Court, Gautam Budh Nagar	2018
4	Visit to 'Panchayatan' Village	NSS	2018
5	Educational Visit to NCERT,	CIET, National council of Educational Research and Training, New Delhi	2018
6	Parliament Visit by School of Law on 9th Feb 2018	GOI	2018
7	Legal Awareness Camp School of Law 4th Aug 2018	District Legal Services Authority, District Sessions & Civil Court, Gautam Budh Nagar	2018
8	Celebration of 'World Hepatitis Day'	Dept of Pathology and Medicine - SMSR and Sharda Hospital	2018
9	Oral Hygiene Week by Dept of Periodontology - SDS on 25th - 1st Aug 2018	academics	2018
10	Industrial Visit at Moon Beverages - Coca Cola's Plant Dept EEE-SET on 16th April 2018	The Moon Beverages a Coca Cola's plant at Greater Noida	2018
11	Visit to Purana Qila for Adaptive Reuse of the Forgotten Heritage by SADMS on 29th March 2018	Old Heritage Monuments, Purana Qila	2018

12	An Industrial Visit to Mother Dairy, Patparganj - B.Sc. Biochemistry -SBSR Students on 27th Mar 2018	Mother Dairy, Patpar Ganj	2018
13	One Day Educational Trip to Elecrama, Expo Mart by Dept B Design - SADMS on 12th March 2018	Elecrama , Expo Mart	2018
14	School of Law, Organizing Students Visit for Court Room Exposure on Monday, 12th March 2018	Ms. Neelu Menwal, (Civil Judge, Senior Division) Secretary, District Legal Services Authority, Gautam Budh Nagar, U.P	2018
15	Official Trip by SET International Exhibition & Conference 26th Convergence India 2018 (EIP) at Pragati Maidam on 9th March 2018	Industry fair	2018
16	Merchandising Field Trip to Promenade and Emporio Mall by SADMS on 7th March 2018	merchandising trip	2018
17	Studio Visit Dhruva Interactive Gaming Studio, Dehradun by Dept of Design SADMS on 22nd Feb 2018	Inurture Education Solutions Pvt. ltd Bangalore	2018
18	Students' Visit to Auto Expo 2018, Gr. Noida SBS 14th Feb 2018	Society of Indian Automobile Manufactures (SIAM)	2018
19	Free Legal Aid Camp	Sharda University	2018
20	Nationwide competition to create awareness about the legal rights of Women	The National Commission for Women, New Delhi.	2018
21	visit Luksar village in Kasna region	Sharda University	2018
22	World Contraceptive Day	UCMS & GTB Hospital, New Delhi.	2018
23	CME on DRY EYE for faculty and Optometrist	AJANTA PHARMACEUTICALS	2018
24	Donation Campaign	Dept of Mass Communication, Sharda University	2017
25	Field Visit to “Brick Kiln	SAP	2017
26	Field Visit to ‘Alphathum (Noida World One)’	SAP	2017

27	Anhad –award ceremony for the blind	NSS, Sharda University	2017
28	Awareness on digital payments	NSS-Sharda University	2017
29	World Oral Health Week	School of Dental Sciences, SU	2017
30	Free Health Camp	Sharda Hospital	2017
31	Radio OPD	Sharda Hospital	2017
32	Public Lecture on Occasion of 'World Cancer Day	Sharda Hospital	2017
33	Blood Donation Camp	Sharda Hospital	2017
34	Cancer Check-up Camp	Sharda Hospital	2017
35	Free Kidney Check-up Camp	Sharda Hospital	2017
36	Free Glaucoma Checkup Camp	Sharda Hospital	2017
37	Free Dental and Onco Screening Camp	Sharda Hospital	2017
38	Free TB Awareness and Screening Camp	SMS&R & Sharda Hospital	2017
39	World Health Day	Dept of Community Medicine, SMS&R, Sharda Hospital	2017
40	World Malaria Day'	Dept of Community Medicine – SMSR and Sharda Hospital	2017
41	World Hand Hygiene Day	Department of Microbiology, SMSR & Sharda Hospital	2017
42	Public Awareness Program on Women Health	Department of OBS & Gynae, SMS&R	2017
43	Guest Lecture on 'Role of Flowcytometry in Leukemia & Lymphoma	Dept of Pathology – SMS&R	2017
44	Voluntary Blood Donation Camp	Dept of Pathology and Blood Bank – SMS&R	2017

45	School Health Program	Govt. Primary School of Ganghola Village and SNSR	2017
46	Visit to 'CIET- NCERT	CIET- NCERT	2017
47	Celebration of World Kidney Day	Dept of Renal Sciences & Transplant Unit	2018
48	CONENDOTHON 2018	Conservative Dentistry & Endodontics (SDS), School of Dental Sciences (SDS)	2018
49	Awareness Program	Dept of Obstetrics & Gynaecology - SMSR	2018
50	World Glaucoma Week	Ophthalmology Department - SMSR	2018

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(In Square Meter)	Total Campus Area :	253737.89	-	Tuition Fee & Bank Loan	253737.89
	Built up area :	273100.51	-		273100.51
Class rooms		181	16	Tuition Fee & Bank Loan	197
Laboratories		89	32	Tuition Fee & Bank Loan	121
Seminar Halls	Auditorium	4	-	Tuition Fee & Bank Loan	4
	Lecture Theatres/ Seminar Hall	46	-		46
No. of important equipment's purchased (\geq 1-0 lakh) during the current year.		49	146	Tuition Fee & Bank Loan	195
Value of the equipment purchased during the year (Rs. in Lakhs)		5001.53	567.26	Tuition Fee & Bank Loan	5568.79
Others		20.34 lakhs	0.76 Laks	Tuition Fee & Bank Loan	21.1 lakhs

4.2 Computerization of administration and library

- All Libraries are automated and connected with Libsys7 software.
- Attendance is automated via an app based solution called v-attendance.
- E-Learning system for student-faculty interaction is online via LMS.
- Question Paper Generation system is automated via secured cloud solution called SAQPGS. This is currently under beta evaluation stage.
- Departments of Finance, HR and Campus Solutions are interconnected via PeopleSoft ERP v 9.2
- HR Services are automated using HRSS employee utility.
- Electronic payment of fee is enabled with multiple payment options like Pay-U, Paytm, and banks.
- Hostel allotment systems are digitized.
- Passport/Visa extension reminders are automated for international students.

4.3 Library services:

	Existing (June 2017)		Newly Added (Jul. 2017 to Jun. 2018)		Total	
	No.	Value (in Rs)	No.	Value (in Rs)	No.	Value (in Rs)
Text Books	117531	67280136	1260	1037644	118791	68317780
Reference Books	13183	9231751	680	1969157	13183	11200908
e-Books	EBSCO Mgmt (Titles:14532)	6527267	0	2871966	0	0
e-Journals/ e-package	09 (e-Package)		Renewed (04 Package)		4	2871966
Journals	273	7521025	273 Renewed+ 30 New Added	6850873	303	6850873
Digital Database			05 Package	2167235	5	2167235
CD & Video	4850 (Books CDs) & HDD of NPTEL Video Lectures	15000	10 (Books CDs)	-	4870	15000
Other (specify)	01 (DELNET Institutional membership)	11500	Renewed	-	01 (DELNET Institutional membership)	13570

4.4 Technology up gradation (overall) (2017-18)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	1364	1085	1450 mbps	0	0	173	106	-
Added	389	0	150 mbps	0	0	68	321	-
Total	1753	1085	1600 mbps	0	0	241	427	-

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

The University has expanded Internet services in academic areas & hostels with high security and speed. In the campus Internet over Wi-Fi is available to authorized recipients (student faculty & staff) under strict “AAA’ authentication system “ Uni- Box-500” Supplied by Wi-Fi soft. The Internet bandwidth is being used from two different ISP. The amount of bandwidth delivered from ISP’s is one Gbps and 465 Mbps respectively. Wi-Fi Access points have been upgraded with the latest versions which include 802.11 ac wave-1 & wave -2 with the backward compatibility of 802.11 b.g.n . 700 access points are being used to facilitate academic area & hostels. Boom barriers have been made operational for enhancing security on campus. Student entry is also controlled through access cards.

Official Training Sessions on new Applications (approx.):

	Finance Module	HR Module	Campus Module
Faculty (academic)	4	4	20
Student	NA	NA	10
Staff (non-academic)	10	24	7

Note: There are informal sessions conducted for students and faculty and staff training on need basis.

4.6 Amount spent on maintenance in lakhs:

i)	Information and Communications Technology (ICT)	556.77
ii)	Campus Infrastructure and facilities	487.51
iii)	Equipment	359.51
iv)	Others	121.05
	Total:	1021.42

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC facilitates Orientation sessions for the students to acquaint them with the various process owners and facilities available in the campus. IQAC also ensures that the orientation programs are being conducted for first year students at school level also.
- IQAC ensures the redressal of complaints received by the Student Care Centre and Anti-Ragging Committee of the University.
- IQAC ensures the students involvement in the various events organised by the University.
- IQAC ensures that the information about various academic and non academic activities is being shared to the students and the parents from time to time through appropriate medium.
- IQAC ensures prevention of sexual harassment against the students, by monitoring the activities/ cases taken up by ICC of the University.

5.2 Efforts made by the institution for tracking the progression

The progression of the students is tracked at two levels.

- During their stay at University:
 - Mentoring of the students by the faculty mentors who are approachable to the students for personal guidance related to academic and non-academic issues. Mentoring classes have been included in the time table for the first year students in few of the schools.
 - Semester wise Parent Teacher meetings are being promoted to keep the parents informed about the academic progress of their ward.
 - The school has to prepare and present a detail analysis of the results of the students to identify appropriate measures to improve the same.
 - Identification of slow learners and counselling and monitoring their progress.
- For the Alumni
 - Exit feedback is being maintained at School level.
 - Through Alumni Association
 - By inviting Alumni for the festivals, mentoring and interactions.

5.3 (a) Total Number of students admitted 2017-18

UG	PG	Ph. D.	Total
2966	600	71	3637

(b) No. of students outside the state 2410

 (c) No. of international students 596

Men	No	%	Women	No	%
	429	71		167	28

Last Year						This Year					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
2708	70	70	581	0	3429	3162	38	84	353	0	3637

Demand ratio 1:3.22

Dropout % 9.8%

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

- Boot Camp Program organised at School of Engineering and Technology, for all the final year students of various departments. Students are counselled as well as given practice sessions for technical as well as aptitude building and communication skills.
- Free Coaching of CTET for B.Ed Students.
- Lakshya 2019 (GATE, NET preparatory classes) for CSE students in School of Engineering and Technology.
- Guidance classes have been offered by ex-students of SMSR, who have cleared USMLE.
- Competitive examination classes organized by SOL in collaboration with Pahuja Law Academy.
- Sessions on career Guidance and counselling for the preparation of competitive examinations are being conducted by in-house faculty also.
- PRINCETON REVIEW coaching Institute for GMAT. Classes arranged inside university campus.

 No. of students beneficiaries 215

5.5 No. of students qualified in these examinations

NET	3	SET/SLET	0	GATE	8	CAT	1
IAS/IPS etc	0	State PSC	0	UPSC	1	Others	52

5.6 Details of student counselling and career guidance

- University has a mentoring system where a group of students are assigned a mentor for counselling.
- Boot camps are held wherein mock interviews are conducted with the support of Sharda Skills
- Special workshops /competitions and events are being conducted for
 - Awareness among students for Entrepreneurship options and support
 - Various career options available
- Students are mentored by placement coordinator of the department for technical enhancement.
- Pre-drive technical/ motivational sessions are conducted for various companies during the pre-placement talk and same is done throughout the session.
- Special industrial visits/ Educational tours are organised to acquaint them with the status of industrial development.
- Guest lectures are being organised where in the experts from the industry and academia are invited.

No. of students benefitted

2392

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
298	329	274	365

5.8 Details of gender sensitization programmes

A Gender Sensitization Committee Against Sexual Harassment (GSCASH) was set up by the University vide notification SU/Reg./Notification/2013/106 dated January 28,2013 in response to the letter D.O.No.F.1-1/2013 (CM) dated 1st January 2013 from the Acting Chairman, UGC. This body has the mandate for ensuring prevention of sexual harassment and to provide the safety & security of girl students as well as the women employees of the University. Later, in pursuance of the Gazette Notification dated 2nd May, 2016, as circulated vide UGC letter D.O.No.F.9L-9/2015 (GS/MHRD) dated July 05, 2016, the University adopted with the approval its Executive Council, the University Grant Commission (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institution) Regulations, 2015. According to the revised U.G.C guidelines, Sharda University formulated Internal Complaints Committee (ICC) in the year 2017 vide notification SU/Reg./Notification/2017/354 dated June 07, 2017.

Activities Undertaken by Internal complaints Committee during July,2017 –June,2018:

(1) Four Meetings were conducted during the year to have broad discussions on the following issues:

- Organizing the Awareness Programmes / Workshops on Gender Sensitization within the University premises by using Circulars / Hoardings / Banners etc. with the contact details of Committee members.
- Applying rules and procedures of complaint filing, its screening, procedure of inquiry and communication of inquiry findings to facilitate smooth working of the Committee.
- Specific Inquiry conducted and action taken to resolve the cases

(2) An interactive session was taken by Ms. Rachna Roy, Principal Adviser, Counsel Quest, to make the members aware about the laws related to sexual harassment and procedures to be followed by the Committee.

(3) Brochures were circulated about UP Police Guidelines to spread awareness regarding safety and security of women against any kind of harassment, in all Schools of the University.

(4) Various gender sensitization programs organised are as :

S.No.	Year	Title of the programme	Date	Number of participants by Gender	
				Male	Female
1	2017	Orientation Programme on Gender Sensitization for BDS 1st year students	11 Aug.2017	30	40
2	2017	Interactive Session with faculty members of SNSR	18th Sep.2017	NIL	20
3	2017	Awareness Session for ICC members about Sexual Harassment laws & ICC procedures	13th Dec.2017	3	6
4	2018	Circulation of Brochures about UP Police Guidelines to spread awareness regarding safety and security of women against harassment in all Schools of the University	5th Jan.2018	All Male Students	All Female Students
5	2018	Appointment of Power Angels to coordinate with the UP Police Dept. on behalf of female students and staff of University	23rd Jan.2018	All Male Students	All Female Students

6	2018	Awareness Session about challenges faced by women in the present society, for Law and Business School students	6th March, 2018	120	80
7	2018	Workshop on Sensitization about issues related to Sexual Harassment	23rd April, 2018	40	30
8	2018	Poetry Session about gender sensitization	23rd April, 2018	40	30
9	2018	Speeches on sexual harassment	23rd April, 2018	40	30
10	2018	Role play representing incidents of sexual harassment	23rd April, 2018	40	30

Nine cases of harassment and misbehaviour have been reported and **two** were withdrawn. For remaining cases strict actions have been taken.

5.9 Students Activities

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

level State/ University level National level International

No. of students participated in cultural events

State/ University level National level International level

*The University Cultural festival “Chorus has been considered as the National Event as the participants are from other parts of the country.

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 (INR)	1152	4,20,43,525/- 148692.50\$
Financial support from institution (USD)	138	
		5,15,59,845/-
Total After Conversion of USD in INR @ 64)	1290	
Financial support from government	83	25,31,770/-
Financial support from other sources	NIL	NIL
Number of students who received International/ National recognitions	01(Project has been sanctioned by DPSRU- Innovation Incubation foundation (DIIF)	Seed money Sanctioned is 6,00,000/- (yet to be disbursed)

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

However 171 minor grievances have been reported to student care management and have been promptly resolved.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship.

Mission:

Transformative educational experience

- Developing deep disciplinary knowledge, problem solving ability, leadership, communication and interpersonal skills.
- Strengthening the flexible credit-based system for interdisciplinary learning to enrich academic experience.
- Ensuring student participation in career enhancement activities through exchange programs, student enterprise, volunteering and work-based learning.
- Focusing on strong mentor-mentee relationships which enhance overall personality of the students and equip them to face future challenges.
- Encouraging students to become lifelong learners and imbibe essential skills to serve the society at the highest level.

Enrichment by educational initiatives that encourage global outlook

- To create an environment where students and employees of diverse backgrounds live, study, learn, and socialize together.
- To encourage pursuit of knowledge and support the development of curricula from global perspective.
- To invest in faculty development to upskill them in designing and developing curricula, pursuing research, and offering experiential learning.
- To strengthen the student-welfare activities, academic counselling and administrative support services that contribute to holistic development of today's students as future responsible citizens.

Develop research, support disruptive innovations and accelerate entrepreneurship

- Create high-quality and flexible collaborative research space and culture that enable and promote knowledge creation.

- Encourage involvement of students in research.
- Seek funds and grants from research, consultancy and other sources for balanced and sustainable growth of the University.
- Strengthen entrepreneurial and innovation culture among students and employees.
- Create mechanisms to stimulate meaningful bottom-up and top-down collaborations among faculty, staff and students with diverse disciplinary backgrounds.
- Explore opportunities to apply knowledge to promote private and public partnership.
- Enable students to explore and acquire leadership qualities.

Seeking beyond boundaries

- Promoting our global communities as active ambassadors of higher education.
- Leveraging the alumni network to assist development of innovative curricula and research initiatives that will better prepare our students to become global citizens.
- Establishing and maintaining close cooperation among academia and private and public sector industries by contributing through academic findings and developments.
- To empower each student to discover their individual potential by providing opportunities for collaborative-learning beyond the classroom, in the broader community - across the diverse spectrum of disciplines.

6.2 Does the Institution has a management Information System

- Yes, the University is using Oracle PeopleSoft ERP supporting business process of Accounts, Human Resources and Campus Solutions. This facilitates overall transactional and reporting capability.
- This ERP is also integrated with mobile applications for automating specific student lifecycle areas like Attendance, Learning Management System etc.
- In the campus Internet over Wi-Fi is available to authorised recipients (student faculty & staff) under strict “AAA’ authentication system “ Uni- Box-500”
- The Internet bandwidth is being used from two different ISP. The amount of bandwidth delivered from ISP’s are One Gbps and 465 Mbps respectively.

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

6.3.1 Curriculum Development

- Regular updating of curriculum is done with the intent of providing fair balance between conceptual content and application content.
- Curriculum modules are updated at the beginning of Academic year and are carried at various levels: Departmental Academic Committee, Board of Studies, Faculty Board and Academic Council.

- CBCS guidelines has been notified and implemented from academic year 2018-19

6.3.2 Teaching and Learning

- The University has a mechanism of evaluation of classroom teaching through Rubric.
- Teaching load distribution as per the specialization of faculty members.
- Awareness has been created among the students about the importance of LMS.
- Outcome based education has been implemented.
- VAattendance application is used for recording student attendance as well as enabling students to check their attendance in real time.
- Online feedback has been taken from students.
- Faculty members are motivated to engage in MOOC (Massive Online Open Courses)
- Industrial visits are organised for students to gain hands on practical knowledge on various industrial processes.

6.3.3 Examination and Evaluation

- Marks verification (Dual): Digitally automated system to capture marks, record absentee information while comparing with scanned evaluation sheets in a single click.
- Absentee Records: Generation of Absentee report in single click
- Analysis: Quick analysis of Appeared Vs Absentee students
- "Grade Card" generation functionality has been introduced: This useful feature is developed in PeopleSoft and would be immensely helpful for Exam Cell and students alike.
- External Audit of examinations is integral part to ensure quality upgradation in the evaluation system.
- University Examination system is based on Continuous Assessment process which captures students on going progress through traditional pencil paper evaluation and also experiential techniques like role plays and presentations. Skill based components of pedagogy are captured in Continuous Assessment.
- Students are made aware of examination process and rules and regulations in the beginning of academic year itself. Examination process champions at school level explain the examination details to students during the Program Orientation sessions.
- Students are shown evaluated answer sheets of examinations including end term examinations.

6.3.4 Research and Development

- Research Advisory Committee has been constituted to strengthen the research activities.
- Counselling regarding signing MoUs with the leading national/international organizations

- Identification of new research areas and deployment of internal resources to implement through Ph.D research
- Faculty members who have not joined the PhD programme are motivated to register for the Ph.D. programme

Following Research Policies were framed.

- Seed money for minor research projects
- Research Publications

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The University has a library committee at the university level and school level for the purpose of smooth functioning, improvement and coordination amongst all the libraries.
- All Libraries are automated and connected with Libsys7 software.
- Attendance is automated via an app based solution called VAttendance.
- Efforts have made towards realising the aim of a green campus through a number of plantation drives.
- Every year books, journals, magazines are added and renewed to the library repository.
- Hostel allotment systems are digitized.
- In the campus Internet over Wi-Fi is available to authorized recipients (student faculty & staff) under strict “AAA” authentication system “Uni- Box-500” Supplied by Wi-Fi soft.
- The University has a Comprehensive IT policy.
- The University has a Separate Estate department that take care of physical infrastructure.

6.3.6 Human Resource Management

- Conducted capacity building programs like Faculty Development Program, Research Workshops for faculty as well as training programs for other staff.
- Industry and Academia experts are invited to guest lectures.
- Performance Appraisal is conducted annually for employees, both permanent and contractual in association. Performance Appraisal and Reward system (PARS)-is a appraisal tool used for Faculty (PARS-F) and Staff (PARS-S).
- Induction programs are organised the all newly inducted faculty. Team building is an important component of all developmental programs.

6.3.7 Faculty and Staff Recruitment

- Analysis of manpower requirement is done during annual academic planning to ensure optimum utilisation of faculty and staff.

- The cadre ratio is maintained as per the statutory norms prescribed by statutory bodies.
- Employee referrals scheme is also used for filling faculty positions.

6.3.8 Industry Interaction / Collaboration

- During 2017-18 total 33 academic linkages and 239 industry linkages/ tie-ups has been created.
- Schools are organizing Industrial visits with an aim to provide exposure to practical processes of the industry are organised for students and faculty
- Faculty training conducted by Global Logic, Tech Mahindra and Sector Skill Councils- NASSCOM, ESSC, TSSC, RSDC, PSSC on emerging technologies.
- Conducted Industry- Academia meet on and off the campus like, HR Federation of India(HRFI)

6.3.9 Admission of Students

- Admission Strategy is to enhance cross cultural diversity and attract meritorious and deserving students from India and other countries by offering scholarship.
- Counselling of students to enable them to make right choice about programs.
- While deciding intake capacities and selecting students for the programs, Industry requirements are also considered.
- Overall Admission Process has been streamlined to ease out the admission procedure for the students.
- Regional Reach increased with opening of new Regional offices like Ranchi, Itanagar, Dehradun ,etc.
- Student Handbook introduced this year to make the new students have a comfortable stay in the University. It includes features like University facilities, events, directory, information about Sharda PSFT, Launchpad, Sharda Skills, rules & regulations, policies, all facilities in the vicinity of Greater Noida, etc. It serves as a guide for the students who are new to the place & University culture.
- Inside Admission Cell, different offices segregated for students to easily complete their procedure
- SUAT (Admission Test) has been more streamlined to gauge the student's overall performance for admission.
- Temporary Counseling Centres were opened to assist students from different states in choosing the right career just near to their home. TCC was held at various places like Chennai, Bangalore, Bhopal, Hisar, Khammam, Bhagalpur, Bhubneshwar, Dhanbad, Gorakhpur, Muzaffarpur, Siliguri, Jamshedpur, Varanasi, Karnal, Panipat, Kanpur, Agra, Merrut, Aligarh,etc

6.4 Welfare schemes for:

Teaching:

- Group accidental Insurance Policy
- Hospital services at nominal fee,
- On campus Crèche
- Transportation facility
- Worship Centres
- Legal Aid cell

Non-Teaching:

- Group accidental Insurance Policy
- Hospital services at nominal fee
- On campus Crèche
- Transportation facility
- Legal Aid cell

Student:

- Scholarship scheme for meritorious students.
- Psychological Counselling offered to students
- Hospital services at nominal fee
- Worship Centres
- Transportation facility

6.5 Total corpus fund generated : Rs. 10 Crore.

6.6 Whether annual financial audit has been done Yes ☒ No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	-	-	Yes	IQAC
Administrative	-	-	Yes	IQAC

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

Results are declared within 10-15 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?

- Audit of complete examination process at multi-level is carried out.
- Corrected Answer books are shown to the students and in case of discrepancy complete refund of re-evaluation fee is done.
- University is moving towards adopting software for setting a question bank of examination papers.

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

- Well defined Organization structure is in place.
- University has empowered its constituent colleges to take decisions about teaching, curriculum planning, and course administration at the Board of studies and faculty board level. All processes are guided by the UGC Norms.
- University management provides leadership and strategic planning. Leadership at institutional level provides annual planning progress review, implementation of corrective measure to achieve organizational goals and commitment ethical conduct from all stake holders (administrators, Staff, Students).
- Each constituent college has its hierarchy in place (Dean, Head of Department, Program Coordinators, and Assistant Registrar).

6.11 Activities and support from the Alumni Association

- Every year graduating students assisted by pre-final year students are nominated to work for Alumni Cell along with a faculty coordinator.
- The Alumni cell works towards compilation of Alumni Data and its updation.
- Annual Alumni meets are organised by the alumni cell office bearers of University.
- The Alumni Association provides the information about the availability of jobs in the sector where they are working.

6.12 Activities and support from the Parent – Teacher Association

- Regular formal meetings are held once a semester by respective schools.
- Feedback on student performance (academic & Non-academic) is communicated to parents.

6.13 Development programmes for support staff

- IT related trainings are regularly provided. People Soft Training programs are held for executives.
- Conducted Workshop on Safety Management on 20th December, 2017.

The primary objective of the training program was to raise the awareness about the various aspects of Safety at workplace and to motivate the participants to start developing a Safety culture. The long term objective is to prepare a team out of the participants to initiate such type of programs at the School level with the support of the University on regular basis for improving the safety standards and building a culture of self inspection at workplace.

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

Solar energy is being generated on a large scale utilizing the open roof tops of most buildings. Efforts are also being made to utilize organic waste from mess, kitchen, waste bring and leaf litter of trees and other plants. Composting is done and manures are produced for use in horticultural and agriculture. Some organic matter is also put into in a biogas plant on the campus and gas generated is to utilized for cooking, lighting and experimental purpose, which the residence is used as manure. A Vermin cost unit is also being established. The horticultural and agro forestry plantation including trees, shrubs, hedges, other plant and lawns are contributing greatly through the photosynthetic activity and carbon sequestration. These

consume approximately 49.64 of CO₂ and generate about 35.2 metric tons of O₂, besides causing significant in the suspended particulate matter (SPM) in the air and also improving humidity of the air through transpiration, that would add to the rainfall in the region.

- More than 300 trees have been planted in the campus during this year.
- With regard to energy conservation 1 MW roof top solar power plant has been installed and solar generation has been started. All the transformers, substation equipment's and DG sets is done periodically. Suitable capacities 55% LED is being used in place of normal lights. Automation of campus lights has been completed.

Criterion – VII

7. Innovations and Best Practices

7.1 Details of the Innovations introduced

At Sharda University, we have reviewed, analysed and benchmarked our academic systems and procedures to the contemporary global standards the following Innovations been introduced in the academic session 2017-18.

1. Choice Based Credit System (CBCS)
2. Outcome Based Education (OBE)
3. Incorporating skill based training program
4. Implementation of IT based Comprehensive Feedback System
5. Digital Initiative to better campus Solution

1. Choice Based Credit System:

As per the international standards, we have introduced CBCS system in Sharda University. The applicability is as follows:

- i. In line with UGC's guidelines, initially the CBCS will be implemented in non-Council based 3 and 4 years' Regular and Honours programs. Particularly, schools like School of Basic Sciences and Research, School of Business Studies and School of Languages and Culture may refer to the CBCS structure developed by UGC and modify their curriculum accordingly.
- ii. For schools governed by various Councils, to begin with, Generic/Open electives can be incorporated by making necessary provisions in the curriculum.

2. Outcome Based Education:

- i. Introduced Outcome Based Education System. OBE system is flexible, measurable and creating industry ready manpower. OBE is aligned well with CBCS system and also helps students divide their courses and credits as per their choices and also gives them flexibility to prepare their own credits.
- ii. The OBE is implemented full-fledged in three schools: School of Engineering, School of Business and School of Pharmacy. Along with that many others program are also ready for Outcome based education.

3. Incorporating skill based training program:

The University has tie-ups with following sector skill council:

- i. National Association of Software and Services Companies (NASSCOM)
- ii. Telecom Sector Skill Council (TSSC)
- iii. Electronics Sector Skill Council (ESSC)
- iv. Power Sector Skill Council (PSSC)
- v. Rubber Skill Development Council (RSDC)

The Skill Training part at level 5 and above is being incorporated by the University as part of its Curriculum and further certification by the respective Sector Skill Councils.

4. Implementation of Feedback System:

- Automated Feedback System has also been introduced for collecting feedback on faculty from students to enhance the teaching learning process.

5. Digital Initiative to better campus Solution

- Online Payment Portal enables students to pay fee through cheques/ DDs/ NEFT/ RTGS/ Paytm Credit Cards / Debit Cards.
- Campus Solutions /Digitisation have been strengthened to improve admissions and other processes of the University.
- Mobile based Applications of ERP have been strengthened
- V-Attendance app has been launched to record, track and manage attendance
- Learning Management System (LMS) has been introduced to enable faculty upload learning materials, assignments and organize quizzes.
- Automated Question Paper System (SAQPGS) has been introduced that provides an extensive online portal to view, manage and edit question papers. The portal also provides a notification feature, which can be used for communication between various stakeholders.
- Automation of HR Support Services (HRSS) has been introduced to enable the employees to raise their grievances with HR and enable the HR department to keep track of these tickets till closure.
- Lecture Video Recording: This is a new initiative to store video lectures of classroom. The same is now linked in LMS for students review.
- Excel Tinkering Lab provides learning by doing in the school of engineering in the departments of CSE, ECE, ME and EEE
- Process Automation done for the purpose of :
 - Internal Quality Assurance Cell (IQAC) with Dynamic Forms
 - Student Care Management (Grievance Redressal System)
 - Hostel Management & Allocation

- Indent Automation o Passport / Visa Expiry reminders for International Students
- HR Support Services (HRSS)
- E- Recruitment Process
- Lecture Video Recording

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year (in the context of innovations and best practices)

- a. Conducted internal Energy Audit
 - b. Solar Power Generation of 1 MW
 - c. Solar Street Lights are planned to be installed in phased manner.
 - d. Biodegradable, biomedical hazardous material is collection and disposed off through outsourced agency. Containers provided are as per standard norms.
 - e. Documents of best practice has been prepared and wide spread implementation been done and records are well maintained.
1. External Audit of Examinations
 2. Sharda University Education Management Information System (SUEMIS)

Details placed as Annexure B

7.3 Give two Best Practices of the institution

1. External Audit of Examinations
2. University Education management Information System (SUEMIS)

Details provided as Annexure 7.3.

7.4 Contribution to environmental awareness / protection

- a. Internal Energy Audit conducted.
- b. Smart elevators are provided.
- c. LCD Monitors are used.
- d. Solar Powered Lighting.
- e. Sensor based power switches have been introduced as a pilot project.
- f. Social and environmental programmes are conducted regularly.
- g. More than 300 trees planted in the campus.

7.5 Whether environmental audit was conducted?

Yes ☒ No ☐

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

SWOT Analysis:

Strengths

Unity in Diversity:

- The University has global student community from all states of India and 56+ countries
- The University has 90+ global academic partnerships for fostering Global Citizenship.

Global Education:

- Learner centric approach: The curriculum is robust and in-line with the requirements of industry and society.
- Quality Research output, well-placed Teaching- Learning system, Vibrant Campus Life, Strong Mentor- Mentee Relationship.
- Experiential Learning/ Taking learning beyond a fixed curriculum
- Well-developed infrastructure and facilities for holistic development of the students.
- State of art infrastructure for fostering all round development of students and creating a stimulating environment for all the stake-holders.
- Experiential Pedagogy: Learning by doing approach is followed along with speakers from cross-section of the society are sharing their insight.
- Faculties are encouraged for research and consultancy and share their experience in classrooms.

Holistic Development:

- All round development of the students in the classroom and beyond classrooms through various curricular and extra-curricular activities.

Weakness

- Managing Diversity and fulfilling the customized requirements of the various students.

Opportunities

- Attracting more students from developing and developed countries as India and Sharda in particular is centre of attraction.
- Scope in the area of Skill Development.
- Scope of introducing industry relevant professional courses in varied domains.
- Increased potential for industry-academia interface
- Attract funding from the Government and industry for research, consultancies and projects.
- Outreach activities.

Threats

- Global Economic crises and slow-down of the industry may hamper placements.
- Global Accreditation processes.

8. Plans of institution for next year

The Action Plan for 2018-19 is attached as **Annexure 8.0**

Prof R.M. Mehra

R.M. Mehra
15.12.2018

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Prof GRC Reddy

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15/12/18
Vice-Chancellor
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Chairperson, IQAC

Significant Activities and contributions made by IQAC
Annexure A

S.no.	Name	Date
1	Workshop on Vision and Mission	3rd November 2017
2	Workshop on Safety Management	20th December 2017
3	Interactive workshop on participatory Learning approaches	27th January 2018
4	Interactive Workshop on Teaching Learning Techniques	17th February 2018
5	Invited Talk on “What are the Drives to Israel’s Success in Innovation”	13th February 2018
6	FDP on outcome Based Education	31st January and 2nd February 2018
7	FDP on outcome Based Education	4-8th June 2018
8	workshop on 'Participatory Learning	2-6th July 2018
9	workshop on 'Participatory Learning	18-22 June 2018
10	Training on Employee Profile Management	10th July 2018
11	Training on Employee Profile Management	16th July 2018
12	Training on Employee Profile Management	21st July 2018
13	Training on Employee Profile Management	25th July 2018

Action Taken Report (ATR) 2017-18
Annexure B

Plan of Action		Achievements
I- Curricular Aspect		Action Taken
1.	Restructure and update curriculum of about 25% programs by mapping with international standards and Industry requirements	Curriculum has been revised in all Schools save those programs which are Council driven (MBBS, BDS, etc). Emphasis has been laid on developing an industry relevant curriculum.
2.	Strengthen the experiential learning in the curriculum wherever possible	Project based learning has been emphasised in the newly developed curricula.
3.	Enhance academic flexibility by promoting Choice Based Credit System among students	Choice based credit system has been initiated with open electives from all 13 schools being floated to students of different schools.
4.	Ensure incorporation of the feedback from different stakeholders (Industry, Alumni, Parent, etc.) in course development process	Feedback policy has been developed and incorporated. 5 feedback templates have been developed. Online feedback system has been developed and executed.
II- Teaching Learning and Evaluation		Action Taken
1.	Conduct Induction Programs, twice a semester, for newly recruited faculty	IQAC and HR have conducted the induction programs for newly recruited faculties
2.	Conduct faculty development programs on Teaching Learning System once in a semester at School level	Few schools (SCADMS, SBSR, SET, SBS, SoL) have conducted the FDPs on teaching learning system
3.	Strengthen the Learning Management System by periodic audit	University is promoting the use of learning management system and audit was done to check the progress

4.	Ensure the efficient and full utilization of online mentoring portal by periodic audit	University has started the use of online mentoring portal and still we are in the process of strengthening it
5.	Strengthen mentoring system by adopting multi-tier system in the University wherever feasible	It has not been initiated yet.
III- Research, Consultancy and Extension		Action Taken
1	Conduct workshops for faculty on Research Methodology, Formulation of Proposal for Major Research Projects and Consultancy, Writing Research and Consultancy Reports.	<p>Most of the Schools of the University continuously organize various workshops/guest lecturers etc. for the faculty and students to train and prepare for a new research fields. The objective of such an events in the University is to provide a platform to all the Faculty members and their group students (final year and Ph.D. students) to present their research activities.</p> <p>To make the student/faculty familiarized with the working atmosphere of the Industry, University regularly invites experts as well as planned for Industrial visits. These activities works as the bridge between the Industry and Academia.</p>
2.	Strengthen Ph. D Programs by restructuring courses, conducting workshops for Research Scholars and Research Guides on Conduct of Thesis Research.	<p>In Pre-Ph.D course work we have three papers, one is research methodology and other two are core papers. Both of the core papers have been modified and strengthened with the consultation of experts. In lieu of core papers, we have introduced the AIS (Advance independent Study) mode much more effective by advising the students and supervisors for consulting the new research papers appeared in high impact factors journals. “AIS” is continuously monitored by research advisors and by the research committee of the University. During orientation, the research scholars are guided for the better quality of thesis, which is further taken care by the senior members of the research committee as well as by the Professors associated with Research and Technology Development Centre (RTDC) as and when required by the scholars and Supervisors.</p>
3.	Strengthen existing Journals published by the University	<p>JOURNAL OF SCIENTIFIC AND TECHNICAL RESEARCH (JSTR) ISSN 2278-3350: It includes multidisciplinary research paper from different universities and research centers, from India and</p>

		<p>abroad.</p> <p>The Research and Technology Development Centre (RTDC) is instrumental in publication of bi-annually Journal of Scientific and Technical Research. It is in its 8th volume and never missed deadlines. Current issue is online. There is no any publication charge from the authors. Efforts are being made to launch the journal in University website. The journal is completely free for the authors and also for the readers through the Sharda University Website (www.sharda.ac.in) . However, print version of the journal can be subscribed by libraries and interested individuals. This journal is linked with Publishing India group (http://www.publishingindia.com/Research/ProductInfo/Editorial-Team) for publication as well as for wider circulation through web.</p> <p>INTERNATIONAL JOURNAL OF MANAGEMENT ISSUES AND RESEARCH (IJMIR) (ISSN 2320-1177): The journal is double blind peer reviewed journal committed to academic research in all aspects of multidisciplinary research from different universities and research centers. IJMIR is published bi-annually on the premise that there is a growing need to better manage and spread pedagogic ideas and research results in the academic and professional fraternity. The journal is maneuvered by internationally focused editorial board.</p>
4.	Ensure organizing one International and One National Conference/ Summit/ Workshop/ Seminar in each School.	Most of the Schools of Sharda University regularly organize special lectures/seminars etc on different themes. During the year 2017-2018, total 09 International, 252 National and 180 University based events were organized.
5.	Audit the utilization of existing research collaborations and tie ups with international research institutes and Indian Corporate sector	<p>In terms of existing research collaborations with various International and national organizations and corporate, Sharda University has currently 13 MoU's,</p> <p>During 2017-2018 Sharda University tie-ups with 33 International Universities and research organization for Students exchange as well as for research.</p>

IV- Infrastructure and Learning Resource		Action Taken
I.	Create awareness on environmental protection	<p>Following actions have been taken and all staff and students of the University and Hospital are periodically updated and informed to follow the same:-</p> <ul style="list-style-type: none"> (a) <u>No use of Plastic Bag / Items.</u> All vendors have been emphasized not to use & serve their products in plastic plates/ glasses / cutlery / straws and carry bags etc. All vendors have been encouraged to use Bio-degradable eating/packing material made of paper/cotton cloth which decompose early. (b) <u>Energy Saving Measures</u> <ul style="list-style-type: none"> (i) Street lights to be automatically switched on/off, as per programmed setting. (ii) All rooms (Classroom, Labs, and Office) have signage “Please switch OFF the lights, Fan, AC before leaving the rooms” This is in Practice. (iii) Sensors have been placed near all entry doors/gates which will automatically go on/off, based on activity in that area. (c) <u>Solar Energy.</u> Gradually, campus have been more generation and use of Solar Energy in all buildings. (d) <u>STP/ETP.</u> STP and ETP set up in the university. (e) <u>Generator Chimneys.</u> Diesel Generator Chimneys have their exhaust pipe opening above the roof level of the neighbouring buildings. (f) <u>Bio-degradable Waste.</u> Separate coloured receptacles have been placed at all relevant places in the hospital/labs, with clear instruction for what type of waste should be put in them. A vendor has been hired for appropriate disposal of the same.

		<p>(g) <u>Green Campus.</u></p> <p>i) Adequate attention is being paid on greening of the campus with trees of all types regularly planted & maintained by the Horticulture department. Special plantation drive/ Van-Mahotsav have been planned and implemented every year in 2017-2018 with focus on trees giving abundance of oxygen and shade.</p> <p>ii) During the year no trees have been cut.</p> <p>(h) <u>Rain Water Harvesting / Conserve Water:</u> It must be ensured that the rain water harvesting tanks are well maintained, covered and periodically checked for their appropriate condition and functioning. No leaking taps/flush tanks in toilets. Regular check-up and repair is under taken for taps/ flush tanks in the toilet in order to save water.</p> <p>(j) <u>No Burning of waste papers /Dry leaves:</u> All staff, students and supporting staff have been periodically instructed to ensure that no type of dry waste will ever be burnt in the campus releasing smoke and CO₂ gas in the atmosphere.</p> <ul style="list-style-type: none"> • Sharda University have celebrated 'World Health Day 2018' on 7th April at CRPF camp. 7th April is celebrated globally every year as 'World Health Day'. • 'Fire Awareness Seminar' with ONGC, New Delhi. Date: 16th April 2018 • Run for "Green Earth" on 22nd April 2018 on earth day • More than 300 trees planted in the campus
2.	Energy conservation	<p>With regard to energy conservation 1 MW roof top solar power plant has been installed and solar generation has been started. All the transformers, substation equipment's and DG sets is done periodically. Suitable capacities 55% LED is being used in place of normal lights. Automation of campus lights has been completed.</p>

3.	Cleanliness amongst students, faculty, and other staff by adopting various promotion methods	The Staff and interns of the rural health training centre observe health related days like ‘world ORS Day’, ‘World Health Day’, ‘World Malaria Day’, ‘Breastfeeding promotion week’, ‘World AIDS Day’, ‘World Diabetes Day’ etc. During such observations, one of the key messages delivered is related to the promotion of sanitation and hygiene. Recently, as part of the ‘Intensified Diarrhoea Control Fortnight’, a health talk about the importance of using sanitary latrines and avoiding open air defecation was conducted on all days at the health centre. These health talks were given by the interns under the supervision of the medical officers and faculty members of the department of Community Medicine.
4.	Make campus Green	Efforts are being made to utilize organic waste from mess, kitchen, waste bring and leaf litter of trees and other plants. Composting is done and manures are produced for use in horticultural and agriculture. The horticultural and agro forestry plantation including trees, shrubs, hedges, other plant and lawns are contributing greatly through the photosynthetic activity and carbon sequestration. These consume approximately 49.64 of CO ₂ and generate about 35.2 metric tons of O ₂ , besides causing significant in the suspended particulate matter (SPM) in the air and also improving humidity of the air through transpiration, that would add to the rainfall in the region.
5.	To make the campus barrier free for differently -abled	Smart elevators, ramps are provided in all building for differently – abled

V-Student Support and Progression		Action Taken
1.	Popularize NCC/NSS among students	Orientation programs for NCC and NSS have been conducted. The activities undertaken by NSS and NCC have gained momentum. NCC has been actively participating in National Festivals. Large number of socially relevant activities have been undertaken by NSS.
2.	Create awareness among the students about the MOOC courses	For the same in few of the bigger schools MOOC courses have been added as a component in CA. Also in library facility for Swayam courses has been installed
3.	Strengthen the practice of awarding academic excellence	Scholarship scheme for meritorious students is strictly followed. In addition one medal named as Vice CHACELLOR ALL ROUNDER MEDAL has been introduced from 2016-17.
4.	Strengthen orientation program for students to create awareness about academics, infrastructure and learning resources, campus life, scholarships and awards instituted by the University.	Orientation programs were conducted at University and School levels. In university orientation programs the University heads of various offices interacted with the students. At school level Deans and the HoDs familiarized the students about the school and department level activities.
5.	Declare the best user library award	Five student have been short listed across the University and have been awarded the best library user.
6.	Enhance the quality of counseling and placement	Career counselling through formal as well as mentoring sessions is conducted by the schools. IQAC is in the process of developing guidelines so that all schools conduct the activity more professionally.

7.	Strengthen student exchange program	During 2017-2018 Sharda University tie-ups with 33 International Universities and research organization for Students exchange as well as for research. University of Ljubljana, Slovenia has offered two 100% scholarships for 2 Sharda University students from the School of Business. The scholarships are awarded by the EU Erasmus+ student mobility program.
8.	Encourage students to participate in intercollegiate/ inter-University literary, sport and cultural events	Faculty coordinators at the School level have been appointed as a SPOC for DSW office and motivate the students for participating in various events. DSW office initiates fresher's party and introduces them to the various clubs. Also auditions/trials are conducted by the student coordinators at regular intervals under the supervision of faculty coordinator/sport assistant director of the various societies for identifying the talent in the students.
VI-Governance, Leadership and Management		Action Taken
1.	Ensure conduct at Least 90 % office work paper less	<ul style="list-style-type: none"> • Encouraging digital communication • Capturing Employee data through Employee profile management • Faculty members are encouraged to provide Lecture notes through Learning management system • Making meetings paperless: rather than giving out paper handouts at meetings, make use of projectors and technology • Indent management module has gone live in PeopleSoft
2.	Strengthen the online grievance redressal system of students	University facilitates students to lodge his or her grievance, send reminder and view status on action taken with regard to their grievance(s) through student care management.

3.	Ensure at least 95% financial transactions online in the University	All receipts and payments related to the functioning of the institutions including student fees, exam fees, vendor payments and salary/wage payments made 'only' through online mode. University has uploaded the digital initiatives (17 points agenda items shared by UGC) on AISHE portal dated 30th November, 2017.
4.	Increase the financial Support for staff and students to attend conferences and seminars.	University has well defined policies to encourage faculty and students to attend conferences and seminars. Rewarding the faculty members who completed the MOOC courses.
5.	Conduct at least one Capacity Building Program in a semester for technical and administrative staff	Conducted Workshop on Safety Management on 20th December, 2017. The primary and short term objective of the training program was to raise the awareness about the various aspects of Safety at workplace and to motivate the participants to start developing a Safety culture. The long term objective is to prepare a team out of the participants to initiate such type of programs at the School level with the support of the University on regular basis for improving the safety standards and building a culture of self inspection at workplace
6.	Organize Blood Donation Camps, and Eye Donation Pledge Camp for staff and students and 'Eye check- Up' camp for University bus/ car drivers	As a part of its institutional social responsibility and to continue the tradition of serving the society university is conducting Blood Donation Camps, and Eye Donation Pledge Camp for staff and students and 'Eye check- Up' camp for University bus/ car drivers on regular bases.
VII-Innovations and Best Practices		Action Taken
1.	Conduct green audit	1. Solar energy is being generated on a large scale utilizing the open roof tops of most buildings. Efforts are also being made to utilize organic waste from mess, kitchen, waste bring and leaf litter of trees and other plants. Composing is done and manures are

	<p>produced for use in horticultural and agriculture. Some organic matter is also put into in a biogas plant on the campus and gas generated is to utilized for cooking, lighting and experimental purpose, which the residence is used as manure. A Vermin cost unit is also being established. The horticultural and agro forestry plantation including trees, shrubs, hedges, other plant and lawns are contributing greatly through the photosynthetic activity and carbon sequestration. These consume approximately 49.64 of CO_2 and generate about 35.2 metric tons of O_2, besides causing significant in the suspended particulate matter (SPM) in the air and also improving humidity of the air through transpiration, that would add to the rainfall in the region. The consolidated list of tree planted in and around the campus is enclosed.</p> <ol style="list-style-type: none"> Micro grid connected 1 MW roof top solar power plant has been installed properly and solar power generation has been started. Automation work of campus light, submersible pump and RO pump has been completed. Replaced most of the normal lights inside the buildings by suitable capacity of LED lights. Most of high power luminaries of street lights have been replaced with LED. The location of the fixtures has been changed according to their best use. Most of the power cables are laid properly as per Indian standard through cable tray. Overhead water tanks are thermally sealed. Proper record keeping through log book for each transformer and electric substation equipments. DG sets are regularly serviced for its preventive maintenance as per manufacturer's guidelines and its AMC has been done by O.E.M. <p>2. Clean campus: Every campus shall participate in the Swachh</p>
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		<p>Bharat Abhiyaan and achieve clean campus that has clean toilets, systems for solid/liquid waste management. There will be swachhata rankings of all institutions and the best institutions would be rewarded.</p> <p><u>Action Taken:</u> Participated in Swachhta Ranking Initiative of MHRD and secured a place among top 170 (letter from MHRD attached). Inspection of the campus by a 3 member UGC Team was done on Aug 25, 2017 (comprehensive presentation attached herewith). Certificate of participation and a report on outreach activities is also attached herewith.</p> <p>3. Solar power capacity installed in KW. : Micro grid connected 1 MW (Data sheet attached)</p>
2.	Strengthen the Entrepreneurship Development Cell and Incubator	To motivate the faculty members and enhance their Research and Development (R&D) activities in University, Budget are available for Research and Development activities
3.	Document all Best Practices in academics and administration in the University and replicate the same on a large scale	<p>Documents of best practice has been prepared and wide spread implementation been done and records are well maintained.</p> <ol style="list-style-type: none"> 1. External Audit of Examinations 2. Sharda University Education Management Information System (SUEMIS)
4.	Enhance the involvement of student community in society/ societal activities	<p>NSS activities were conducted as follows:</p> <ul style="list-style-type: none"> • Sharda Marathon on 18th Feb. 2018 • International Yoga Day Celebrations being organized at Sharda University Campus on 21st June 2018 at 6.30 a.m • ‘Youth Peace Activity’, Talk for Peace Date: 21st March 2018 • Aarambh’, One step towards Peace. Date: 31st March 2018 • Sharda University have celebrated 'World Health Day 2018' on 7th April at CRPF camp. 7th April is celebrated globally every year as 'World Health Day'. • ‘Fire Awareness Seminar’ with ONGC, New Delhi. Date: 16th

	<p>April 2018</p> <ul style="list-style-type: none"> • Legal awareness on social issues', poster exhibition 19th April 2018, 3.00 P.M. to 4.00 P.M. • Run for "Green Earth" on 22nd April 2018 on earth day • Invited Talk by Dr Anshuman Bhardwaj Discovery of Liquid Water on Mars: Significant Advances & Prospects March 20, 2018 @ 3:00 pm • "Kartavya" an NGO run by students and faculty provides free education to the children of labourers working in the University. • Various medical camps have been organised in rural areas. Rural Health Training Centre (RHTC) situated at Panchayatana. • Promoting Swachhta through 'Problem-solving for Better Health' postings: • The concept of 'Swachhta' reinforced during observation of Health Days: • 'Swachhta' promotion during health camps: • Generation of Data related to 'Swachhta' as part of student projects: • Regular health related activities of ANMs and Interns to promote 'Swachhta': • Plantation drive • Vector-Borne Diseases Control through Sanitation Inspector <p>Cultural activities conducted as follows:</p> <p>Students participate in various cultural and cross-cultural events held in the university. There being a large number of international students in the university, it is to the credit of the university that it celebrates cross-cultural festivals by hosting foreign students, thereby promoting friendly relations and understanding, creating a feeling of one international family and brotherhood.</p> <p>University has vibrant and very active clubs like, Dance Club, Literacy Club, Music club, Fine Art Club, etc.</p> <p>Students are very much encouraged to participate in the Cultural</p>
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	<p>events held in the College/ University like Annual Cultural Fest “Chorus”, Fresher’s Party, Farewell, Republic day, Independence Day , Holi, Diwali Festival etc., to exhibit talents.</p> <p>Our university is even sent to other colleges for intercollegiate competitions like Dance, Skits, fashion show. Nukkad Natak, Mimicries, Instruments play. Etc, and won Awards and rewards also.</p> <p>We got some clubs also in our cultural societies to enhance the hidden talent of the students namely: Dance Club, Literacy Club, Music club, Fine Art Club, etc. All clubs we have Faculty Coordinators & Students Co-ordinator, co-coordinator.</p> <p>Cultural Committee and Sports Committee who play excellent role for over all development of the Students Community.</p> <p>To relieve the students out of all the stress of the year due to their hectic classes, assignments, practical’s and examinations. The University conducts its grand, imperial and majestic annual festival ,” Chorus”.</p>
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Academic Calendar 2017-18

Annexure C

SHARDA UNIVERSITY

32, 34, Knowledge Park-III, Greater Noida- 201310 (UP)

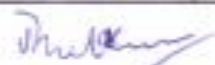
SU/Reg./Notification/2017/355

June 27, 2017

Academic Calendar 2017-18

(SMS&R, SDS, SNS&R and SAHS are not included)

SUSET, SUSBSR, SUSAP, SUSADMS, SUSBS, SUSOL, SULG, SUSED, SUSP				
Period(s)	Description(s)	Date(s) & Day(s)		Sem. Week
Aug 01-Aug 06 2017	Matriculation of 1st Yr, Odd Semester	Aug 01, Aug 02	Tue, Wed	1
	Orientation of 1st Yr	Aug 03, Aug 04	Thur, Fri	
	Showing even semester answer-books	Aug. 5	Sat	
Aug 07-Aug 13	Commencement of Classes - 1st Yr	Aug. 8	Tue	2
	Registration -2nd Yr onwards of all UG & PG Programmes, Odd Semester	Aug. 9	Wed	
	Commencement of Classes - 2nd Yr onwards of all UG & PG Programmes	Aug. 10	Thurs	
Aug 14- Aug 20	Independence Day, Holiday - Janmashtami	Aug. 15	Tue	3
Aug 21- Aug 27			Mon - Sun	4
Aug 28 - Sept 03	Holiday - Eid Al- Adha (Bakrid)	Sep. 2	Sat	5
Sep 04 - Sep 10			Mon - Sun	6
Sep 11 - Sep 17			Mon - Sun	7
Sep 18- Sep 24			Mon - Sun	8
Sep 25 - Oct. 1	Holiday - Dushehra (Vijaydashmi)	Sep 29, Sep 30	Fri-Sat	9
	Holiday - Muharram	Oct. 01	Sun	
Oct 02 - Oct 08	Holiday - Gandhi Jayanti	Oct. 02	Mon	10
	Mid-Semester Examination (MSE)	Oct 03 - Oct 08	Tue - Sun	
Oct 9 - Oct 15			Mon - Sun	11
Oct 16 - Oct 22	Holidays- Diwali	Oct 18 - Oct 22	Wed - Sun	12
Oct 23- 29				13
Oct. 30 to Nov. 05	Holiday - Guru Nanak Jayanti	Nov. 04	Sat	14
Nov 06 - Nov 12	Chorus/Sports	Nov 08 - 12	Thu - Sun	15
Nov 13 - Nov 19				16
Nov - 20 - Nov 26	Last Teaching Day	Nov. 24	Fri	17
Nov 27 - Dec 18	End-Semester Examination (ESE), Odd Semester	Nov 28 - Dec 18	Tue - Mon	
	Holiday - Milad-Un-Nabi	Dec. 02	Sat	
Dec 19 - Dec 25	Holiday - Christmas	Dec. 25	Mon	
26 Dec, 01 Jan, 2018	Declaration of Result	Dec. 31	Sun	
Jan 01 - Jan 07 2018	Showing odd semester answer-books	Jan. 01	Mon	1
	Registration of All UG & PG Programmes, Even Semester	Jan - 2 Jan 3	Tue - Wed	
	Commencement of Classes of all UG & PG Programmes	Jan. 04	Thur	
Jan 08 - Jan 14			Mon - Sun	2
Jan 15 - Jan 21	Filling of Make-up Examination Form	Jan-17	Mon - Sun	3
Jan 22 - Jan 28	Republic Day	Jan. 26	Fri	4



SHARDA UNIVERSITY

32,34, Knowledge Park-III, Greater Noida- 201310 (UP)

SU/Reg./Notification/2017/355

June 27, 2017

Academic Calendar 2017-18

(SMS&R, SDS, SNS&R and SAHS are not included)

SUSSET, SUSBSR, SUSAP, SUSADMS, SUSBS, SUSOL, SULG, SUSED, SUSP				
Period(s)	Description(s)	Date(s) & Day(s)		Sem. Week
Jan 29 - Feb 04			Mon - Sun	5
Feb 05 - Feb 11	Make-up Examination for Odd Semester	Feb 05 - Feb 11	Mon - Sun	6
Feb 12 - Feb 18	Spring Fest	Feb 12 - 18	Mon - Sun	7
Feb 19 - Feb 25		Feb 23 - Mar 1	Fri - Thu	8
Feb 26 - Mar 03	Mid-Semester Examination (MSE)			9
	Holiday - Holi	Mar. 02 - Mar. 03	Fri - Sat	
Mar 05 - Mar 11			Mon - Sun	10
Mar 12 - Mar 18			Mon - Sun	11
Mar 19 - Mar 25	Holiday- Ram Navami	Mar. 25	Sun	12
Mar 26 - Apr 01	Holiday- Mahavir Jayanti	Mar. 29	Thur	13
	Holiday- Good Friday	Mar. 30	Fri	
Apr 02 - Apr 08			Mon - Sun	14
Apr 9 - Apr 15	Holiday- Ambedkar Jayanti	Apr. 14	Sat	15
Apr 16 - Apr 22	Last Teaching Day	Apr. 27	Fri	16
Apr 23 - Apr 29	Holiday- Budh Purnima	Apr. 30	Mon	
Apr 30 - May 04	End-Semester Examination (ESE), Even Semester	May 01-May 22	Thu - Thu	17
	Declaration of Result	May. 31	Thur	
May 05 - June 11	Showing of Answer Books to Graduating Class	Jun. 02	Sat	

Note: Holidays and vacations shown here are for students. Those for staff will be notified.

Abbreviations:

SUSSET School of Engineering & Technology
 SUSBSR School of Basic Sciences & Research
 SUSAP School of Architecture & Planning
 SUSADMS School of Art, Design & Media Studies
 SUSBS School of Business Studies
 SUSOL School of Law
 SUSLC School of Language & Culture
 SUSED School of Education
 SUSP School of Pharmacy


 (Amal Kumar)
 Registrar

Sample Feedback Analysis

Annexure 1.3

The University aims to have a comprehensive teaching learning method through participative process. In order to achieve this objective, academic feedback system is in place. Feedback is gathered from students through an online questionnaire. The feedback system has been now developed to enable automatic analysis and commenting by Head/Dean.

Sample Feedback Analysis of School of Basic Sciences and Research:

Faculty Name	School	Catalog	Subject	Term	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Subject Wise Average
Abhilasha Mathuriya	SUBSR	MSB121	Fermentation Technology	1702	4.05	4.10	4.07	4.05	4.07	4.02	4.04	4.06
Abul Siddiqi	SUBSR	MMT205	FUNCTIONAL ANALYSIS	1702	2.57	2.43	2.71	2.29	2.43	3.00	2.71	2.59
Alpna Mishra	SUBSR	MSM208	REAL ANALYSIS I	1702	4.16	3.89	4.05	4.32	3.89	4.32	4.32	4.14
Amit Singh	SUBSR	MSB117	Immunology & Immunotechnology	1702	4.68	4.64	4.60	4.60	4.60	4.60	4.52	4.60
Amit Singh	SUBSR	BSB307	Proteomics	1702	4.44	4.39	4.44	4.67	4.56	4.50	4.50	4.50
Anindita .	SUBSR	MCH113	INORGANIC CHEMISTRY II	1702	5.00	5.00	5.00	5.00	4.00	5.00	5.00	4.86
Anindita .	SUBSR	MCH224	INORGANIC CHEMISTRY-V	1702	4.33	4.33	4.00	4.00	4.00	3.67	4.33	4.10
Anindita .	SUBSR	MCH155	CHEMISTRY LAB III	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Anshu Kumar	SUBSR	MSM311	Partial Differential Equations	1702	4.33	4.33	4.33	4.25	4.17	4.29	4.17	4.27
Anshu Kumar	SUBSR	PHB222	Mathematical physics	1702	5.00	4.50	4.50	4.50	4.50	4.50	4.50	4.57
Anupam Agarwal	SUBSR	MCH226	ORGANIC CHEMISTRY V	1702	3.17	3.17	3.00	3.17	3.00	3.50	3.33	3.19
Archana Pandit	SUBSR	BSB211	Develop. Biology of Animals	1702	4.27	4.07	4.13	4.10	4.27	4.20	4.20	4.18
Archana K. Prasad	SUBSR	MSM206	Three dimensional geometry	1702	4.65	4.41	4.41	4.41	4.41	4.41	4.35	4.44
Arti Malik	SUBSR	MSM313	Applied Statistics	1702	3.71	3.67	3.67	3.42	3.42	3.42	3.54	3.55

Brinda Chowdhari	SUBSR	ENP601	Technical Presentation-I	1702	4.00	4.38	4.25	4.25	4.13	4.13	4.00	4.16
Brinda Chowdhari	SUBSR	ENP601	Technical Presentation-I	1702	4.38	4.25	4.50	4.38	4.25	4.38	4.13	4.32
Fazlurrahman Khan	SUBSR	BSB206	ENZYME TECHNOLOGY	1702	4.79	4.67	4.76	4.73	4.73	4.76	4.70	4.73
Fazlurrahman Khan	SUBSR	BSB301	Animal Biotechnology	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Fazlurrahman Khan	SUBSR	BSB302	Plant Biotechnology	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Fazlurrahman Khan	SUBSR	BSB309	Intellectual Property Rights	1702	4.50	5.00	4.50	5.00	5.00	5.00	5.00	4.86
Fazlurrahman Khan	SUBSR	MSM102	BIOMATHEMATICS	1702	4.33	4.33	4.00	4.33	4.00	4.33	4.33	4.24
Fazlurrahman Khan	SUBSR	MSB258	Dissertation-II	1702	3.88	3.63	3.63	3.75	3.63	3.63	3.50	3.66
Garima Chauhan	SUBSR	BSB205	GENETIC ENGINEERING	1702	4.45	4.29	4.32	4.45	4.42	4.39	4.48	4.40
Garima Chauhan	SUBSR	BSB308	Bioethics and Biosafety	1702	4.22	4.22	4.39	4.33	4.17	4.33	4.28	4.28
Garima Chauhan	SUBSR	MSB157	Immunotechnology Lab	1702	4.17	4.13	4.09	4.04	4.05	4.08	4.21	4.11
Geeta durga	SUBSR	MCH114	ORGANIC CHEMISTRY II	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Harsimrut Kaur	SUBSR	BGB254	GENETICS LAB	1702	4.00	5.00	5.00	5.00	5.00	5.00	4.00	4.71
Harsimrut Kaur	SUBSR	BGB209	NUTRITIONAL BIOCHEMISTRY	1702	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.71
Khursheed Alam	SUBSR	MSM313	Applied Statistics	1702	4.46	4.38	4.42	4.46	4.38	4.33	4.33	4.39
Khursheed Alam	SUBSR	MMT253	Dissertation II	1702	3.14	3.29	2.86	2.86	3.14	3.43	3.14	3.12
Khursheed Alam	SUBSR	MMT108	Diff. Geom. & Tens. Anal.	1702	4.88	4.75	5.00	4.75	4.88	5.00	4.88	4.88
Khursheed Alam	SUBSR	MSM354	Project II	1702	3.83	4.17	4.00	4.00	3.83	4.17	4.00	4.00
KRISHNA KUMAR PANDEY	SUBSR	PHB221	Classical mech. & relativity	1702	4.60	4.80	4.60	4.80	4.80	4.20	4.60	4.63
Mr U.V Balakrishnan	SUBSR	MMT253	Dissertation II	1702	3.40	3.40	3.60	3.60	3.60	4.60	4.20	3.77
Mr U.V Balakrishnan	SUBSR	MMT202	MEASURE THEORY	1702	3.57	3.29	3.57	3.57	3.71	4.29	4.29	3.76
Mr U.V Balakrishnan	SUBSR	MMT107	Topology	1702	4.75	4.63	4.63	4.63	4.50	4.88	4.88	4.70
Mr U.V Balakrishnan	SUBSR	MSM310	TOPOLOGY	1702	3.21	2.79	2.83	2.71	2.92	3.17	3.00	2.95
Mohd Shaid Baboo	SUBSR	MSM355	Mathematics lab III	1702	3.29	2.96	3.17	3.13	3.04	3.13	3.08	3.11
Mohit Sahni	SUBSR	MPH154	Physics Lab-4	1702	5.00	5.00	5.00	4.00	4.00	4.00	4.00	4.43
Mohit Sahni	SUBSR	MPH118	Spectroscopy	1702	5.00	5.00	4.00	4.00	5.00	5.00	4.00	4.57

Mohit Sahni	SUBSR	MPH255	Dissertation II	1702	4.00	5.00	4.00	4.00	5.00	5.00	5.00	4.57
Monika Jain	SUBSR	MSB205	Cancer Biology	1702	4.21	4.14	4.14	4.07	4.14	4.14	4.21	4.15
Munendra Singh	SUBSR	PHY151	Physics lab	1702	5.00	5.00	5.00	4.00	5.00	4.00	3.00	4.43
Munendra Singh	SUBSR	PHY151	Physics Lab	1702	5.00	5.00	5.00	4.00	5.00	4.00	3.00	4.43
Munendra Singh	SUBSR	PHB223	Thermal physics	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Narendra Kumar	SUBSR	CSE108	Advanced Concepts of "C" Progr	1702	4.00	4.00	4.00	3.50	4.00	3.50	4.00	3.86
Narendra Kumar	SUBSR	PHB115	Optics	1702	4.00	3.00	4.00	3.00	3.00	3.00	3.00	3.29
Neha Mishra	SUBSR	BFP205	Food Preservation Lab	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Neha Mishra	SUBSR	BFP206	Procs.Tech Cereals,PL.Oil Lab	1702	4.00	4.00	4.00	4.00	5.00	5.00	5.00	4.43
Neha Mishra	SUBSR	MFS204	Bakery, Confect and Ext. Prod.	1702	4.60	4.60	4.60	4.40	4.40	4.60	4.60	4.54
Nidhi Sahni	SUBSR	MSM307	ABSTRACT ALGEBRA	1702	3.13	2.88	2.88	2.88	3.21	3.04	3.38	3.05
Nidhi Sahni	SUBSR	MSM205	LINEAR ALGEBRA	1702	4.06	4.11	4.17	4.11	4.11	4.44	4.33	4.19
Noopur Srivastava	SUBSR	MCH229	ORGANIC CHEMISTRY VI	1702	3.50	3.33	3.67	3.50	3.50	4.33	4.00	3.69
Noopur Srivastava	SUBSR	MCH268	Dissertation-Part-B	1702	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
Pankaj Taneja	SUBSR	MSB258	Dissertation-II	1702	3.50	3.50	3.50	3.63	3.63	3.63	3.63	3.57
Pankaj Taneja	SUBSR	MSB119	Animal Cell Technology	1702	4.43	4.39	4.40	4.31	4.34	4.39	4.30	4.37
Pankaj Taneja	SUBSR	BSB212	Medicinal Biotechnology	1702	4.80	4.70	4.77	4.77	4.77	4.57	4.70	4.72
Paratpar Sarkar	SUBSR	BGB255	ENZYMOLGY LAB	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Paratpar Sarkar	SUBSR	BGB203	GENETICS	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Paratpar Sarkar	SUBSR	BGB204	ENZYMOLGY	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Pramod kumar singh	SUBSR	MPH255	Dissertation II	1702	4.80	4.80	5.00	5.00	4.80	5.00	4.80	4.89
Pramod kumar singh	SUBSR	MPH210	Properties of Materials	1702	4.75	4.75	4.75	4.50	4.75	4.50	4.75	4.68
Pramod kumar singh	SUBSR	MPH115	Renewable energy sources	1702	3.00	3.00	4.00	4.00	4.00	3.00	4.00	3.57
Pramod kumar singh	SUBSR	MPH209	Characterization of Materials	1702	4.75	4.75	4.75	4.75	4.50	4.50	4.75	4.68
Praveen yadav	SUBSR	BSP205	GENETIC ENGINEERING LAB	1702	4.65	4.74	4.71	4.58	4.65	4.65	4.68	4.66

Praveen Yadav	SUBSR	MMB107	Bacteriology	1702	4.60	4.80	4.80	4.60	4.80	4.80	4.60	4.71
Praveen yadav	SUBSR	BSB207	IMMUNOLOGY	1702	4.81	4.77	4.74	4.77	4.65	4.65	4.71	4.73
Preeti Jain	SUBSR	BCH102	Organic Chemistry-1	1702	4.20	4.40	4.40	4.03	4.03	4.20	4.30	4.22
Preeti Jain	SUBSR	BCH152	Chemistry Lab-2	1702	4.33	4.42	4.42	4.33	4.25	4.33	4.33	4.35
Preeti Rani	SUBSR	PHY151	Physics lab	1702	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.14
Preeti Rani	SUBSR	PHY151	Physics Lab	1702	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.14
Preeti Rani	SUBSR	PHB255	Physics Lab-5 (Electronics)	1702	3.00	2.50	2.50	2.00	2.00	2.00	2.00	2.29
Preeti Kaushik	SUBSR	CSP108	ADV. CONC. OF C PRO. LAB	1702	4.25	4.17	4.25	4.04	3.83	4.00	3.83	4.05
Preeti Kaushik	SUBSR	CSE108	Advanced Concepts of "C" Progr	1702	4.25	4.13	4.00	3.83	3.96	3.88	3.71	3.96
Prem Jha	SUBSR	MSM253	Statistics LAB II	1702	3.60	3.40	3.60	3.60	3.60	3.40	3.80	3.57
Priya Tyagi	SUBSR	MFS153	Advanced Food Biotech Lab	1702	4.33	4.00	4.00	3.83	3.83	4.00	3.83	3.98
Priya Tyagi	SUBSR	MMB204	Food Microbiology	1702	4.00	3.83	3.83	4.17	4.17	4.00	4.00	4.00
Priya Tyagi	SUBSR	MFS205	Tech. of Plant derived foods	1702	4.20	4.00	3.80	4.00	4.40	4.20	4.20	4.11
Rajesh Kumar	SUBSR	EVS106	ENVIRONMENTAL STUDIES	1702	5.00	4.00	4.00	5.00	4.00	4.00	4.00	4.29
Ram saran	SUBSR	MMB155	Virology Lab	1702	3.20	3.40	3.60	3.20	3.60	3.00	3.40	3.34
Ram saran	SUBSR	BSP303	Downstream Processing Lab	1702	4.50	4.44	4.50	4.50	4.56	4.44	4.56	4.50
Ram Singh	SUBSR	MPH117	Statistical Mechanics	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Richa Sharma	SUBSR	MMT106	Complex Analysis	1702	4.88	4.88	4.88	4.63	4.63	4.88	4.88	4.80
Richa Sharma	SUBSR	MSM103	Applied Mathematics I	1702	4.25	4.25	4.25	4.17	4.17	4.33	4.17	4.23
Richa Sharma	SUBSR	MSM103	Applied Mathematics-1	1702	4.25	4.25	4.25	4.17	4.17	4.33	4.17	4.23
Richa Tomar	SUBSR	MCH156	CHEMISTRY LAB IV	1702	5.00	5.00	5.00	4.00	4.00	5.00	5.00	4.71
Richa Tomar	SUBSR	MCH115	PHYSICAL CHEMISTRY II	1702	5.00	4.00	5.00	4.00	4.00	5.00	5.00	4.57
RITASINGH MAJUMDAR	SUBSR	MSB118	Advances in Plant Biotech.	1702	4.48	4.44	4.44	4.44	4.32	4.48	4.44	4.44

Ritu Choudhary	SUBSR	BSP304	IPR, Bioethics & Biosafety Lab	1702	4.28	4.44	4.56	4.33	4.44	4.50	4.56	4.44
Ritu Singh	SUBSR	PHB224	Basic electronics	1702	3.50	3.50	4.00	3.00	3.00	4.50	3.50	3.57
Sachin Teotia	SUBSR	BSP206	ENZYME TECHNOLOGY LAB	1702	4.00	4.03	4.13	4.06	4.00	4.03	4.03	4.04
Sandeep Saxena	SUBSR	CSP108	ADV. CONC. OF C PRO. LAB	1702	5.00	5.00	3.00	3.00	4.00	4.00	4.00	4.00
Sandeep Saxena	SUBSR	CSE108	Advanced Concepts of "C" Progr	1702	5.00	5.00	3.00	3.00	4.00	4.00	4.00	4.00
Sandhya Gupta	SUBSR	PHB115	Optics	1702	4.83	4.58	4.67	4.42	4.67	4.50	4.33	4.57
Sandhya Gupta	SUBSR	PHB152	Physics Lab-2	1702	4.67	4.67	4.58	4.42	4.50	4.50	4.50	4.55
Sandhya Gupta	SUBSR	PHB254	Physics Lab-4	1702	4.50	5.00	5.00	4.50	4.00	3.00	4.00	4.29
Sangeeta Gupta	SUBSR	MSM219	Introduction to MATLAB	1702	4.65	4.41	4.35	4.35	4.18	4.24	4.29	4.35
Sangeeta Gupta	SUBSR	MSM210	OPERATIONS RESEARCH	1702	4.53	4.41	4.47	4.59	4.41	4.35	4.47	4.46
Sangeeta Gupta	SUBSR	MSM251	MATHEMATICS LAB I	1702	4.41	4.35	4.47	4.35	4.35	4.29	4.41	4.38
Sangeeta Gupta	SUBSR	MMT113	Numerical Analysis with Matlab	1702	4.75	4.75	4.75	4.63	4.75	4.88	5.00	4.79
Saubhik Bandyopadhyay	SUBSR	CSP108	ADV. CONC. OF C PRO. LAB	1702	4.10	4.00	4.00	4.00	4.10	3.80	4.00	4.00
Saubhik Bandyopadhyay	SUBSR	CSE108	Advanced Concepts of "C" Progr	1702	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
Shahana Majumder	SUBSR	MMB109	Virology	1702	4.80	5.00	5.00	4.80	4.80	4.60	4.60	4.80
Shahana Majumder	SUBSR	BSB306	Genomics	1702	4.67	4.78	4.89	4.72	4.78	4.72	4.78	4.76
Shazia Haider	SUBSR	MSB120	Bioinformatics	1702	4.49	4.45	4.45	4.40	4.30	4.44	4.40	4.42
Shazia Haider	SUBSR	BGB310	BIOINFORMATICS	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Shazia Haider	SUBSR	BGB365	BIO-INFORMATICS LAB	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Shubhneet Kaur	SUBSR	MFS153	Advanced Food Biotech Lab	1702	2.83	3.00	2.83	3.17	3.17	3.00	3.00	3.00
Shubhneet Kaur	SUBSR	MFS106	Advanced Food Biotechnology	1702	3.00	2.67	3.00	2.50	2.83	2.67	2.83	2.79
Sonia Khanna	SUBSR	MCH268	Dissertation-Part-B	1702	3.50	3.50	3.50	3.33	3.33	3.67	3.67	3.50

Sonia Khanna	SUBSR	MCH227	INORGANIC CHEMISTRY VI	1702	3.67	4.00	4.00	4.33	4.00	4.00	4.00	4.00
Sujata Sharma	SUBSR	MFS105	Adv. Food Safety & Toxicology	1702	3.67	3.67	3.67	4.00	3.67	3.67	3.67	3.71
Sujata Sharma	SUBSR	MFS154	Ad. Food Micro Lab	1702	3.50	3.50	3.50	3.33	3.33	3.50	3.33	3.43
Suman Dr.	SUBSR	EVS106	ENVIRONMENTAL STUDIES	1702	4.18	4.40	4.28	4.20	4.30	4.30	4.18	4.26
Sunil Chauhan	SUBSR	PHB152	Physics Lab-2	1702	4.00	4.08	4.25	3.75	4.00	3.92	4.00	4.00
Sunil Chauhan	SUBSR	MPH116	Advance quantum mechanics	1702	4.00	4.00	4.00	3.00	4.00	4.00	4.00	3.86
Sweta Srivastav	SUBSR	CSE108	Advanced Concepts of "C" Progr	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Sweta Srivastav	SUBSR	CSP108	ADV. CONC. OF C PRO. LAB	1702	4.00	3.00	3.00	3.00	3.00	3.00	3.00	3.14
Sweta Srivastav	SUBSR	MSM308	GRAPH THEORY	1702	4.54	4.67	4.63	4.58	4.54	4.58	4.46	4.57
Sweta Srivastav	SUBSR	MSM207	STATISTICS I	1702	4.76	4.71	4.82	4.65	4.65	4.82	4.59	4.71
Sweta Srivastav	SUBSR	MSM208	REAL ANALYSIS I	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Sweta Srivastav	SUBSR	MMT152	Mathematics Lab-II	1702	4.88	5.00	4.88	4.88	5.00	4.88	5.00	4.93
Uzma Manzoor	SUBSR	BAG104	Fund. of Plant Protection	1702	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Vimlendu Sinha	SUBSR	MMB108	Recombinant DNA Technology	1702	4.40	4.20	4.40	4.00	4.20	4.20	4.20	4.23
Vimlendu Sinha	SUBSR	BSB305	Bioreac. & Downstream Process.	1702	4.10	4.10	4.20	4.25	4.30	4.40	4.35	4.24
Vimlendu Sinha	SUBSR	MSB158	Plant Biotechnology Lab	1702	4.40	4.33	4.32	4.36	4.25	4.40	4.36	4.35
Vimlendu Sinha	SUBSR	MMB156	Recombinant DNA Technology Lab	1702	4.40	4.40	4.60	4.20	4.40	4.60	4.40	4.43
Venus Dillu	SUBSR	PHB225	Nuclear Physics	1702	4.67	4.33	4.67	4.33	4.33	3.67	4.67	4.38
Venus Dillu	SUBSR	MPH153	Physics Lab-3	1702	4.00	3.00	4.00	2.00	4.00	2.00	4.00	3.29
Vinay Kumar Verma Dr.	SUBSR	MCH155	CHEMISTRY LAB III	1702	5.00	5.00	4.00	5.00	4.00	4.00	5.00	4.57
Vinay Kumar Verma Dr.	SUBSR	MMT119	INTRO. TO MAT LAB & its applic	1702	2.00	3.00	3.00	2.00	2.00	3.00	3.00	2.57

Vinay Kumar Verma Dr.	SUBSR	MCH268	Dissertation-Part-B	1702	3.20	3.40	3.40	3.20	3.00	3.00	3.00	3.17
Vinay Kumar Verma Dr.	SUBSR	MCH116	ANALYTICAL CHEMISTRY II	1702	5.00	4.00	5.00	4.00	4.00	4.00	5.00	4.43
Vivek Srivastava	SUBSR	BGB320	RECO. DNA TECHNOLOGY	1702	5.00	4.00	5.00	5.00	5.00	5.00	5.00	4.86
Vivek Srivastava	SUBSR	BGB208	Intermediary Metabolism	1702	5.00	5.00	5.00	4.00	5.00	4.00	4.00	4.57
Vivek Srivastava	SUBSR	BGB206	ANIMAL PHYSIOLOGY	1702	5.00	5.00	5.00	4.00	5.00	5.00	4.00	4.71

Give two Best Practices of the institution

Annexure 7.3

Best Practice I

External Audit of Examinations

Best Practice – I	
Objective of the Practice:	The University values maintaining high academic standards, the objective of the external audit is to make sure that as a private University, our standards are at par with other reputed Universities.
The Context	As an autonomous University, there is always a perceived threat that the academic experience of the students may deteriorate if the University is not very vigilant. The University uses a model where along with the full academic autonomy percolating down even to the level of individual teachers, a full academic audit is conducted every year in which external auditors are appointed to each department who review the previous term and make recommendations for corrective actions so that the academic experience of a student is maintained at an acceptable level (Rubric & Student Feedback). This model of external audit has produced excellent results.
The Practice	<ol style="list-style-type: none"> Two to four senior faculty members from reputed University are invited to be auditors of a department. The following records are made available to them <ul style="list-style-type: none"> Syllabi of various courses taught in the department for that term. Teaching plan for these courses. Examination Papers. Model Solution. All answer books for the end term examination. The auditors select courses in the area of their expertise and report: <ul style="list-style-type: none"> On the suitability of the syllabus. On the suitability of the teaching plan On the examination papers as to <ol style="list-style-type: none"> coverage of syllabus suitability of questions as to descriptive/ analytical difficulty of the questions Correctness of the model solutions. Auditors to examine whether the evaluation is proper or not., check a sample of \sqrt{n} (where “n” is the total number of answer books) The report of these is filed with the examination office where the Controller of Examination and the Dean Academic Affairs look at the report and take corrective action as warranted. A consolidated report is presented to the Vice- Chancellor. The report is discussed in the Advisory Council, and corrective action, if warranted, is recommended. The recommendation, if any, are then discussed in Academic Council

Evidence of Success	The incorporation of the model improved the evaluation practices. Over last three years, the errors in evaluation have decreased dramatically. We have received feedback from auditors on the improved quality of question papers being prepared by external examiners. To further strengthen the examination system, it is planned to move to automated question paper generation system (SAQPGS) from banks of pre-moderated and approved questions.
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Best Practice II

Sharda University Education Management Information System (SUEMIS)

Best Practice – II	
Objectives of the practice:	<ul style="list-style-type: none"> To have a state of the art information management system. To have a user friendly access to information related to University activities To build an efficient feedback and appraisal system To provide analytical support to administrative offices for proper utilisation of resources
The Context	Information management system is at the core of effective administration. University is committed to developing and supporting Information Technology solutions that enable the campus community to excel in teaching, learning, research, scholarship, and public service. The University has various units like Admission Cell, Examination cell, Finance department, IT and Infrastructure, having large amount of information, which is to be stacked in a manner which facilitates quick analysis and drawing of conclusions. Student- faculty interaction is also developed by having IT solutions in place. Prospective students of University should have hassle free information available to them and easy application processes. Keeping these areas in mind, the University has placed widely acknowledged IT solutions for the aid to the staff and students of the University under a common blanket of SUEMIS
The Practice	<p>The University has employed various software solutions to ease the workflow of University process. Following facilities are currently used by the University:</p> <p>PeopleSoft: Oracle's PeopleSoft applications have been procured by University to meet its information management requirements. It was employed as an upgrade to earlier software solution, SIM. PeopleSoft is used to manage and analyze information related to student admissions, fees, dues, registrations, human resource management, and finance. Further the University employees can access and perform the following list of services by login:</p> <ul style="list-style-type: none"> On duty application On duty history Absence request Absence request history

- Absence balance
- Swipe time and status
- Can view and edit personal information summary (home and mailing address, phone no., email ID, emergency contact, marital status, name change)
- View pay slip
- IT tax declaration
- Change password The list of services accessible to students on login is as below:
- Account Details - Student's information like name, school name, etc.
- Dues - Students can check their dues and get an update about the college fee details.
- Online Fee Payment - Students can pay their Fee online.
- Exam Results - Students can check their exam results.
- Assignments - Students can view their respective class assignments.

Learning Management System (SULMS): SULMS is a learning platform designed to provide educators, administrators and learners with a single robust, secure and integrated system to create personalised learning environments. SULMS provides a flexible tool-set to support both, blended learning with 100% online courses and platform for student faculty interaction. This software solution provides facility for faculty to upload class notes, assignments, and quizzes for easy sharing with students. Students also have information about important notifications for students along with course related information. LMS is also equipped with feedback system for students to register their feedback about course studied by them. SULMS is web-based and so can be accessed from anywhere in the world. With a default mobile-compatible interface and cross-browser compatibility, content on the SULMS platform is easily accessible and consistent across different web browsers and devices.

LIBSYS7: University has a modernized Learning Resource center which has Libsys7 library management solutions for comprehensive management of library resources. Libsys7 leverages the power of internet to perform combined search on Z39.50, SRU/SRW and Libsys databases. User has the freedom to choose the servers to be included in the search.

E-Resources: University subscribes regularly to e-Resources to provide access to faculty and students devoted to research with latest publications. University LRC has subscription to Springer, IEEE, ASCE, ASME, K'nimbus, DELNET, Manupatra, AIR Manuals, Westlaw India Services, EBSCO Management e-books collection, Medline Online Database and E-Journals EBSCO Business Source.

	<p>Campus Lynx: This software is used to collect student attendance. It enables students to access their attendance status and notifies the ones with short attendance. The software also enables the following:</p> <ul style="list-style-type: none"> • Faculty marks the presence / absence of students in each theory/ lab classes. • Report of the attendance is mailed to his/her login periodically and SMS is also sent to the pre-registered mobile number. • List of students falling short of attendance is also generated and the information (if debarred) is sent to the concerned. A student may opt for his / her choice of courses and apply for the examination. The result of the student is published online. A student may check his/ her result by logging in through his id/ password and check the result. In addition a student may submit his/ her application to the office on mail. (mail to VC, Registrar, CoE, Dean etc.) It also acts as an Examination Management Software. The following illustrates further: • The Schedule of the Examination is generated on the software and the student is informed about the schedule of his/ her papers. • The copy of the Admit Card is also available on the login. • The seating plan detail (room no. and position in the room) is also available on the login. • The Admit Card / Verification Card etc. containing photograph and signature of the student and the date/ time of the courses opted by the student is also generated by the software. • The CA and MTE marks, once posted by the teacher are visible to the student through the self service. • The final result (Grade Report) is also available on the login <p>v-attendance : v -attendance utilizes an innovative mobile App to take, track and manage attendance across different subject taught in the University. v- attendance also provides a cloud hosted portal to generate various reports and data analytics regarding the attendance across University and provides a real-time tracking of attendance. , v- attendance provides multiple roles such as Administration, Dean, HoD, Faculty and Student. There is a separate version of v -attendance for students to enable them to track their subject attendance throughout the semester.</p> <p>Mentor-Mentee Platform: The Mentor-Mentee platform provides a cloud hosted portal to manage various mentorship activities across the various schools. The purpose of the platform is to encourage interaction between Mentor and Mentee in a planned and scheduled manner, which can be tracked, monitored and evaluated. Mentor-Mentee platform provides options to set custom KPI's and outcomes for the mentorship program.</p>
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Evidence of Success	The CA and MTE marks, once posted by the teacher are visible to the student through the self service. The final result (Grade Report) is also available on the login. With the employment of above practices and backed by state of the art IT infrastructure of campus, administration of the University is being run smoothly and efficiently. Students also complete their projects and assignments on time by using these facilities, besides tapping e-learning materials through MOOCs/NPTEL etc. v-attendance was launched in August 2016, and has recorded attendance records. v-attendance helped greatly simplify attendance tracking, reporting and distribution.
Problems Encountered and Resources Required	The services are heavily dependent on internet facility of the University and require more server space. University constantly upgrades its servers to meet the increased requirements. Electrical backup is also required. University has a provision of three power generators. All the server and computer facility are backed with UPS. University conducts regular training programs for teaching and non-teaching staff. Students are trained by their mentors/academic counsellors about the software and the various services available to them.

Action Plan for the University 2018-19
Annexure 8.0

S.No.	Action Points 2018-19	
1	Curricular Aspect	Implementation of online open elective system to facilitate easy registration and access to students
		Enable faculty viewing of feedback and automatic report generation
		Award academic excellence based on feedback
		Restructure curriculum credit structure based on UGC credit structure/ respective councils of schools.
2	Teaching, learning and evaluation	Improving the cadre ratio among faculty
		Strengthen mentoring system
		Apply the automated question paper generation system in most of the schools
		Focus FDPs organised at school/department level on teaching of courses
3	Research, consultancy and extension	To encourage faculty to undertake research projects in interdisciplinary areas like medicine, humanities, Agriculture sciences, environmental science, satellite remote sensing technology etc. As mentioned in the Sec. No. 3.1.2, 13 faculty members have been financially assisted for Minor Research Projects. It will be ensure that based on the outcome these projects, at least 60% will be converted in to major research proposals and submitted to external funding agencies.
		To reinforce MoU's with industries and R&D organizations for consultancy, collaborative research and industry institute interactions.
		To promote and encourage Sharda University students/ alumni to apply and incubate their innovations and business ideas in Sharda Launch Pad.
		To strengthen the activities of the newly formed "Centrefor Advanced Research in Applied Mathematics and Physics" to conduct novel research in the emerging areas of applied mathematics and physics.
		To enhance the environment for research through Journal Club.
4	Infrastructure and learning resources	Develop an ecosystem in the campus to enable and support faculty involvement in Sharda University Instrumentation Centre
		Strength incubation and entrepreneurship ecosystem in the campus
		Enhance engagement with educational and research institutions in

		the region with joint workshops and joint research by providing seed money
5	Student support and progression	Strengthening career guidance and counseling at University Level.
		Promote the use of library resources
		Strengthen support mechanism of coaching for competitive exams
6	Governance and leadership	Increase planning and professional development time for faculty
		Organize school(s) schedule in ways that maximize learning time for students
		Maintain University and school(s) vision and mission
		Set policies that University community feels will help students to be successful
7	Institutional Values and Best Practices	Integrating cross-functional innovations and best practices across the schools
		Widespread Implementation of “Outcome based Education”.
		Strengthen the Entrepreneurship Development Cell and Incubator
		Strengthen Sharda University Education Management Information System (SUEMIS)
		Conduct green audit, energy audit

Abbreviations

BCI	Bar Council of India
CA	Continuous Assessment
CoA	Council of Architecture
ETE	End Term Examination
GSCASH	Committee for Gender Sensitisation and Sexual Harassment
HoD	Head of Department
ICC	Internal Complaints Committee
INC	Indian Nursing Council
KPI	Key Performance Indicators
KRA	Key Result Area
LMS	Learning Management System
MCI	Medical Council of India
MTE	Mid Term Exam
NCTE	National Council for Teacher Education
PCI	Pharmacy Council of India
SADMS	School of Art, Design and Media Studies
SAHS	School of Allied Health Sciences
SAP	School of Architecture and Planning
SAQPGS	Sharda Automated Question Paper Generation System
SBS	School of Business Studies
SBSR	School of Basic Sciences and Research
SDS	School of Dental Sciences
SET	School of Engineering and Technology
SMSR	School of Medical Sciences and Research
SNSR	School of Nursing Sciences
SOE	School of Education
SOL	School of Law
SOLC	School of Languages and Culture
SOP	School of Pharmacy
VC	Vice Chancellor
