Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**GLA UNIVERSITY, MATHURA**
Name of the head of the Institution	**Prof. A. M Agrawal**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**05662250718**
Mobile no.	**8192815000**
Registered Email	**registrar@gla.ac.in**
Alternate Email	**vc@gla.ac.in**
Address	**17 KM Stone, NH - 2, Delhi Mathura Highway PO Chaumuhan**
City/Town	**Mathura**
State/UT	**Uttar pradesh**
Pincode	**281406**

2. Institutional Status

University	**Private**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Prof. Charul Bhatnagar**
Phone no/Alternate Phone no.	**05662250941**
Mobile no.	**7055510537**
Registered Email	**registrar@gla.ac.in**
Alternate Email	**directoriqac@gla.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.gla.ac.in/Uploads/image/464imguf_2018-19.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gla.ac.in/academics/academic-calendar

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**A**	**3.02**	**2017**	**28-Mar-2017**	**27-Mar-2022**

6. Date of Establishment of IQAC

01-Nov-2013

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
One Day Workshop on NAAC	**30-Jan-2020**	**103**

Accreditation Framework Organized by Department of Computer Engineering & Applications, held at GLA University, Mathura	1			
FDP on Startups and Entrepreneurship	19-Jan-2020 2		15	
FDP on Life Skills Development	19-Nov-2019 1		15	
Seminar on Spirit of Computing by Prof. S. R. Subramanya, School of Engineering and Computing National University, San Diego, CA 92123, USA	17-Sep-2019 1		75	

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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NewGen IEDC,GLAU	NIMAT	DST,GOI	2019 365	640000
Electronics & Communication Engineering	BRNS Research Scheme	BRNS,BARC)	2019 730	1350939
Computer Science & Engineering	Identification of unreliability and fakeness in Social posts.	U.P. Council for Science & Technology, Lucknow	2019 1095	270000
Department of Biotechnology	Production and validation of Indigenous Johnin from native strain Indian Bison Type of Mycobacterium avium subsp. paratubarculosis for the diagnosis of Johne's disease in domestic livestock as the field test	NRDC, New Delhi	2020 365	200000
Department of Biotechnology	Inspire Internship Science Camp Programme	DST, New Delhi	2019 5	962369

Department of Biotechnology	Identification of key molecular factors involved in resistance/ susceptibility to paratuberculosis infection in indigenous breeds of cows	DBT, New Delhi	2019 1095	3321760
Department of Biotechnology	Development of herbal formulation from medicinal plants (Ocimum sanctum and Solanum xanthocarpum) for the therapeutic management of Mycobacterium avium subspecies para tuberculosis infection in domestic livestock	DBT, New Delhi	2019 1095	3240000
		View File		

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**5**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Soft skills, Technical Training and Personality development programme "IMMERSION 2019" for final year students proposed by IQAC, helped significantly increase the	

placements. • Mentor – Mentee concept implemented in true spirit. • IQAC has worked continuously for collecting, cleaning and collating qualitative and quantitative data from various departments of the University. • On the suggestions of IQAC, a Project Component has been added in many courses to give the students more hands on practice.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Value added programmes	In all the Departments, a number of Value Added Programs were organized. Most of them were conducted by External Experts.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	30-Sep-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information System GLA University, Mathura "GLAMS" is a comprehensive single point integrated Educational ERP with modules related to Administration, Academics, Knowledge Management and Communication. GLAMS is an interactive platform for all the stakeholders of the University Students, Faculty, Management, Parents, Guests and Alumni. Major Modules • Admission Management incorporates various admission related activities like Registration Entry, Admission Entry, Enrollment No. Allotment etc. including their supportive reports like Fee Structure Report, Semester Wise

Subjects Report, Payment/Receipt Report or IDCard etc • Session/Academic Management allows the administrator and supportive users to manage the various activities related with academic processes. It helps to accommodate and generate various master type data such as attendance, course curriculum and their structure, time table etc • Fee Management responsible for handling the process of Fee collection from the students as well as the fee for all sorts of admission test and other academic/nonacademic activities. • Student Online Activity Portal creates a transparency between students and university activities. It provides various kind of associated information to the student such as their dues and payment, registration, attendance progress, term and final examination results, residential information and other academic related activity. • Examination Management manages the activities of all the centre for conducting the examination. The paper checker and paper setters information in kept secret. The degrees and result records are managed. The payments of supervisory staff are also managed here. • Faculty Activity Online Portal organizes, tracks and reports on faculty accomplishments. It provides the facility to manage all the activity related to academics i.e. Attendance uploading, Assignment evaluation, follow the lecture delivery plan etc. • Alumni Activities provide the opportunity to network with passed out students, former faculty and potential employers. • Training Placement Management System automates activities of training and placement cell, provides opportunities to the student community to use collective intelligence to increase selection ratio and eases out process of creation of management information automatically. Authorizing the resumes, communicating about the various job openings to the student community, managing the corporate relationship for inviting them for the placements as well other activities, creating the placement metrics, monitoring the progress of the selection process and communicating with different users. • Discipline/Proctorial Management System

matters pertaining to all acts of indiscipline are delegated to the Proctorial Board. • Library (KOHA) Integration • Human Resource Management System all the activities related to recruitment process like Offline/Online application collection, short listing, Data preparation etc is taken care of. • Payroll Management System deals with the financial aspects of employees salary, allowances, deductions, gross pay, net pay etc. and generation of payslips for a specific period. • Hostel Management System • Transport Management System • Financial Accounting System • Purchase/Receiving/Inventory Management System • Health Management (Aarogyam) • Guest House Management System • Fire Safety Management System • Sports Management System • Grievance Management System • Postal Management System • GLAMS Mobile App

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BTech	1300	Electronics Communication Enginering	11/05/2019
BTech	1100	Electrical Engineering	14/09/2019
BTech	1400	Electrical and Electronics Engineering	14/09/2019
Mtech	8110	Electrical Engineering	14/09/2019
BTech	1000	Civil Engineering	04/05/2019
BTech	1200	Mechanical Engineering	11/05/2019
BBA	4600	Family Business	08/05/2019
MBA	8410	Business Management	08/05/2019
MBA	8411	Logistics & Supply Chain Management	08/05/2019
BPharm	4400	Pharmacy	19/10/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year				
Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MBA	Business Management	01/07/2010	Innovating for Sustainability MBAC0036	01/07/2019
MBA	Logistics & Supply Chain Management	01/07/2017	Managerial Aptitude – IMLSC0008	01/07/2018
BTech	Mechanical Engineering	01/08/2010	Strength of Materials BME C0007	01/08/2018
BTech	Electrical Engineering	01/08/2010	Engineering Circuit Analysis & SynthesisBEEC0003	01/08/2018
BTech	Electronics and Communication Engineering	01/07/2010	Electro magnetic Field Theory BECC0002	01/07/2018
BTech	Computer Science & Engineering	01/07/2010	Database Management System BCSC0003	01/07/2018
BBA	Business Management	01/07/2010	Business Ethics & Values BELO1010	01/07/2018
BCom	Commerce	01/07/2010	Corporate Accounting – I BCMC0007	01/07/2019
Mtech	Computer Science & Engineering	01/07/2010	Intelligent Systems MCSC0007	01/07/2018
BSc	Biotechnology	01/07/2011	Drug Discovery & Development BSBC 0013	01/07/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Artificial Intelligence and Machine Learning	01/07/2019
Mtech	Transportation Engineering	01/07/2019
MBA	Construction Management	01/07/2019
BTech	Mechatronics Engineering	01/07/2019

BTech	Automobile Engineering	01/07/2019
BSc	Agriculture	01/07/2019
Integrated(PG)	MBA-INTEGRATED	01/07/2019
BSc	Physics	01/07/2019
MSc	Physics	01/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BTech	Electrical Engineering	01/07/2017
BTech	Electrical & Electronics Engineering	01/07/2017
Mtech	Electrical Engineering	01/07/2018
BTech	Electronics & Communication Engineering	01/07/2010
Mtech	Electronics & Communication Engineering	01/07/2014
BTech	AIML	01/07/2019
BTech	CSF	01/07/2018
BTech	IOT	01/07/2018
BTech	CCV	01/07/2017
BTech	DA	01/07/2017
BTech	CSE	01/07/2016
Mtech	CSE	01/07/2016
BCA	Computer Applications	01/07/2016
MCA	Computer Applications	01/07/2016
BTech	Mechanical Engineering	29/05/2017
Mtech	Production Engineering	19/07/2018
BTech	Civil Engineering	01/07/2019
Mtech	Structural Engineering	01/07/2019
Mtech	Transportation Engineering	01/07/2019
MBA	Construction Management	01/07/2019
BSc	Biotechnology	08/06/2019
MSc	Biotechnology	08/06/2019
MSc	Microbiology & Immunology	08/06/2019
BBA	Bachelor of Business Administration in Family Business	24/07/2018
BBA	Bachelor of Business Administration	24/07/2018

BBA	Bachelor of Business Administration (Honors)	24/07/2018
BCom	Bachelor of Commerce (Honors)	24/07/2018
BCom	Bachelor of Commerce (Honors) with Global Accounting	24/07/2018
BA	Bachelor of Arts in economics (Honors)	24/07/2018
MBA	Master of Business Administration	24/07/2018
MBA	Master of Business Administration Logistics and supply chain management	24/07/2018
MBA	Master of Business Administration in Financial market and banking	24/07/2018
MBA	Master of Business Administration integrated	08/05/2019
BPharm	Pharmacy	01/07/2019
MPharm	Pharmaceutics	01/07/2019
MPharm	Pharmacology	01/07/2019
BEd	Teacher Education	01/02/2020
BA LLB	Law	01/07/2018
BCom LLB	Law	01/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Immersion Course	01/06/2019	636
Introduction to LATEX	07/11/2019	150
Data Security in Block Chain	07/11/2019	142
Fundamental of image processing and its applications	01/09/2019	297
Data Analytics Machine Learning With R	07/11/2019	304
Smart Cities using IOT	10/11/2019	307
Start up, Innovation, Incubation and Entrepreneurship	01/09/2019	305
Raspberry PI MCU	06/11/2019	155
Mobile APP Development	10/11/2019	295
Digital Marketing and	26/12/2019	301

	Transformations		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BTech	Computer Science & Engineering	484
BTech	Civil Engineering	72
BTech	Electrical Engineering	72
BTech	Mechanical Engineering	236
BTech	Electronics & Communication Engineering	102
BBA	Business Management	169
MBA	Business Management	329
BCA	Computer Applications	168
MCA	Computer Applications	62
BSc	Biotechnology	52
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

The university collects feedback on curriculum aspects, courses and on teaching learning processes from various stakeholders like faculty members, students, alumni, parents of students, employers etc. The feedback system of the university helps in a) designing/revising the curricula, b) in imparting the industry-oriented knowledge to the students, and c) ensuring their employability skills, and in turn, increasing job opportunities for the students. Based on the inputs from different stakeholders, curricula are reviewed and if needed, revised by the members of the Board of Studies of various departments, and approved in Academic Council meetings. Opinions and suggestions on different curriculum aspects, courses and on teaching learning processes from alumni is taken in 'Alumni Meets', which are organized every year, and also as and when any of the alumni visits the university for guest lectures/interactions etc. The feedback from alumni helps in maintaining 360o feedback system, and in promoting linkages. Observations of national and international faculty on curricula faculty are sought through mail, online discussions and at board of studies meetings. When international faculty members visit the university to attend workshops/seminars/conferences, the suggestions are sought for the improvement in course curriculum and teaching

pedagogies. The inputs from national and international faculties make the curriculum synchronized with global and industrial needs. Over the years, the feedback from different stakeholders has been of great help in assessing the relevance of courses to industry/academics and in evaluating the strengths and weaknesses of the course contents.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BBA	BBA	210	1881	197
BBA	Family Business	45	880	44
BBA	BBA (H)	120	1722	116
BA	BA (H) Economics	30	21	13
BTech	Computer Science	960	19256	965
BTech	Electronics & Communication	90	1398	93
MBA	Dual	390	3894	376
BCA	BCA	165	2234	163
BPharm	B. Pharma	100	1512	100
BSc(Agriculture)	Agriculture	120	897	114
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	7139	1141	462	98	56

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
616	616	345	231	28	26
[View File of ICT Tools and resources](#)					
[View File of E-resources and techniques used](#)					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentor mentee system is followed in University for effective synchronization of teachers and students at various levels so as to create a holistic environment, where educational and stress related guidance is provided by the mentor to the mentee. In this system Mentor, usually older and more experienced support the mentee, help him/her to improve abilities and skills through regular assessment, observation and by providing guidance. With regular update of student progress and performance to parents the mentor bridges the communication gap between management and parents. The faculties are allotted as mentor to a group of 30 students, a two way communication is established so that strength and grey areas can be identified, not only educational guidance but personal problems are also dealt. Mentor collects personal information of students, monitors attendance and educational information, focuses on the need of student requirement. With the above system the performance of students can be enhanced, mentee becomes more hardworking and responsible, helps in establishing a trustworthy relation between mentee, mentor and parents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
8667	616	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
503	616	Nill	183	276

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Akash Yadav	Assistant Professor	Fellowship from Govt. for Full Time Ph.D, MNIT, Jaipur
2020	Anand Singh Jalal	Professor	Recognition, IEEE Senior Member
2019	Anukool	Assistant Professor	Young Scientist, NAVIC, Varanasi
2019	Deepeka Pandoi	Assistant Professor	Best Young Faculty Award – 2020, Bestow Edutrex International, Mumbai
2019	Divesh Kumar	Assistant Professor	Certificate for The Confederation of Elite Academicians of IICDC 2019, DST Texas Instruments
2020	S.V. Singh	Professor	IAP Emeritus Award, International Association for Paratuberculosis

2019	Saurabh Singhal	Assistant Professor	AWS Cloud Ambassador, by AWS Educate, US
2020	Vijay Kumar Dwivedi	Associate Professor	Best Teacher Award, AB Foundation delhi
2019	Yogesh Kumar	Assistant Professor	Most Promising Teacher in Pharma Education in Gloden Global Health and Eduaction Award, Indian Islamic Culture Center New Delhi, India
2020	Rubee Singh	Assistant Professor	Certificate of Achievement, World Health Organization

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MCA	8420	6th Semester	13/06/2020	15/07/2020
MBA	8410	6th Trimester	03/07/2020	15/07/2020
BPharm	4400	8th Semester	04/09/2020	18/09/2020
BSc	4300	6th Semester	29/06/2020	15/07/2020
BCom	4500	6th Semester	29/06/2020	15/07/2020
BCA	4200	6th Semester	26/06/2020	15/07/2020
BBA	4100	6 th Semester	01/07/2020	15/07/2020
BTech	1500	1 Semester	20/12/2019	31/12/2019
BTech	1100	1 Semester	20/12/2019	31/12/2019
BTech	1000	1st Semester	21/12/2019	31/12/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
9	8232	0.11

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.gla.ac.in

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
7000	BEd	B.Ed	44	43	97.73
8420	MCA	MCA	62	62	100
8410	MBA	MBA	332	328	98.80
4400	BPharm	B.Pharma	54	47	87.04
4200	BCA	BCA	160	160	100
4100	BBA	BBA	164	163	99.39
1500	BTech	Computer Science	483	482	99.79
1000	BTech	Civil Engineering	73	69	94.52
4500	BCom	B. Com (H))	122	122	100
4300	BSc	B.Sc. (H) Biotech	53	52	98.11

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.gla.ac.in/

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Sucheta Agarwal	Scholarship	22/07/2019	Jack J Brown College of Business and Public Administration, CSU, USA
International	Dr. Kushagara Kulsherestha	Scholarship	22/07/2019	Jack J Brown College of Business and Public Administration, CSU, USA
National	Mr. Akash Yadav	Fellowship from Govt. for Full Time Ph.D, MNIT, Jaipur	01/08/2019	MNIT, Jaipur

National	Mr. OP Jagga	Scholarship, Advanced studies	02/07/2019	IIT, Roorkee
National	Prof Anirudh Pradhan	Visiting Associate	01/07/2019	IUCAA
National	Mr. Gaurav Kumar Sharma	Fellowship from Govt. for Full Time Ph.D, MNIT, Jaipur	07/01/2020	MNIT, Jaipur
National	Dr. Ramanjaney Upadhyay	Fellowship	26/02/2020	IIT Chennai
National	Ms Bhawana Rathore	Fellowship from Govt. for Full Time Ph.D, NITEE , Mumbai	17/07/2019	National Institute of Industrial Engineering Mumbai
National	Mr. Vinay Kumar	Ph.D Fellowship Scheme Deen Dayal Upadhyay Quality Improvement Program from Govt. for Full Time Ph.D, Centre for Advance Studies, AKTU, Lucknow	28/08/2019	Centre for Advance Studies, AKTU, Lucknow
National	Mr. Sabir Ali	Scholarship, Advanced studies	17/07/2019	MNNIT, Allahabad
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
SRF	730	ICMR
SRF	730	SERB
SRF	730	DST INSPIRE
JRF	730	BRNS
JRF	730	ICAR
JRF	730	DBT
Young Professional-1	730	ICAR
Project Associate I	365	DBT
JRF	365	Council of Science Technology, UP
SRF	730	CSIR
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	730	GLA University, Mathura	10	9.55
Interdisciplinary Projects	1095	DBT, New Delhi	57.56	32.4
Interdisciplinary Projects	1095	DBT, New Delhi	54.77	33.21
Any Other (Specify)	5	DST, New Delhi	9.75	9.62
Minor Projects	365	NRDC, New Delhi	2	2
Major Projects	1095	U.P. Council for Science Technology, Lucknow	8.34	2.7
Major Projects	730	BRNS (BARC), Mumbai	21.12	13.5
Major Projects	1095	BRNS, Mumbai	30.56	4.71
Any Other (Specify)	365	NSTEDB,DST,GOI	8	6.4
Students Research Projects (Other than compulsory by the University)	1825	NSTEDB,DST,GOI	287.5	47.5

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Skills required in future	Electrical Engineering	05/05/2020
Entrepreneurship workshop on Opportunities and challenges in Construction, Real Estate, Infrastructure, Project Management (CRIP)	Civil Engineering	19/10/2019
Intellectual Property Rights	BIO-TECHNOLOGY	03/04/2020
FDP on Startups and Entrepreneurship	Institute of Business Management	19/01/2020

Novel strategies against multi drug resistant cancer	Institute of Pharmaceutical Research	18/06/2020	
One Day Workshop on Intellectual Property Rights and Patenting	Mathematics	12/10/2019	
Interpretation of constitution	Institute of Legal Studies Research	17/04/2020	
Five Days Workshop on "Introduction to Machine learning"	Computer Engineering Applications	17/06/2020	
Role of Mechanical Engineering in Bio-medical Implants	Mechanical Engineering	13/02/2020	
Workshop on Intellectual property rights	Electronics and Communication Engineering	31/07/2019	

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
YOUNG SCIENTIST AWARD	ANUKOOL VAISHNAV	BANARAS HINDU UNIVERSITY, VARANASI	29/02/2020	TEACHER
CONTRIBUTIONS TO THE FIELD OF PARATUBERCULOSIS	S. V. SINGH	DEPARTMENT OF CLINICAL STUDIES-NEW BOLTON CENTER, UNIVERSITY OF PENNSYLVANIA	04/03/2020	TEACHER
BEST POSTER AWARD	RAKESH KAUSHIK	LARIX, INTERNATI-ONAL,KUALA LUMPUR, MALAYSIA	24/11/2019	STUDENT
BEST RESEARCHER IN NOVEL DRUG DILIVERY SYSTEM	ROHHITAS DESHMUKH	RULA AWARDS SPONSERED BY:INTERNATIONAL RESEARCH COUNCILS	26/01/2020	TEACHER
FIRST PRIZE IN ORAL PRESENTATION	JITENDRA GUPTA	IIMT COLLEGE OF PHARMACY, GREATER NOIDA, U.P.	29/02/2020	TEACHER
YOUNG WOMEN MANAGEMENT RESEARCHER AWARD	DR. SUCHETA AGARWAL	AIMS INTERNATIONAL	03/01/2020	TEACHER
E-GARBAGE MANAGEMENT SYSTEM	SARTHAK JAIN	DST AND TEXAS INSTRUMENTS	01/02/2020	STUDENT
FOG	CHIRAG	NEWGEN IEDC	25/06/2020	STUDENT

DETECTIONG RADAR SYSTEM	VARSHNEY	(SUPPORTED BY NSTDEB, DST GOVERNMENT OF INDIA), GLA UNIVERSITY, MATHURA		
BEST PAPER AWARD IN CONFERENCE	MR. JUGINDER PAL SINGH	IIMT ENGG. COLLEGE, MEERUT, INDIA (AFFILIATED TO AKTU LUCKNOW, U.P.)	27/05/2020	TEACHER
BEST PAPER AWARD IN CONFERENCE AISCC 2020	MR. HIMANSHU SHARMA	MNIT, JAIPUR	28/02/2020	TEACHER
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
GLA University	StartUp LaunchPad	GLA University, MathuraGLA University, Mathura	CyberImposters	Digital Services	26/07/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	Heptism	Digital Services	21/09/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	Merchant Saheb	Rental Service	22/07/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	BluNux	Digital Services	11/08/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	The Vilg	Social Services	11/10/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	Techkets	Digital Services	23/09/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	Acadlearner	Digital Services	14/07/2019
GLA University	StartUp LaunchPad	GLA University, Mathura	Monk-ii Solutions Private Limited	Digital Services	01/01/2020
GLA University	StartUp LaunchPad	GLA University, Mathura	FoodCall	Food App Delivery Services	02/02/2020
GLA	StartUp	GLA	FoodWagon	Manufactur	30/10/2019

University	LaunchPad	University, Mathura		ing	

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Department of Mechanical Engineering	2
Department of Computer Engineering and Applications	6
Department of Electronics and Communication Engineering	4
Institute of Management	5
Institute of Pharmacy	3
Department of Biotech	2
Department of Chemistry	1
Department of Physics	2
Department of Mathematics	1
Department of Electrical Engineering	1
Department of English	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	55	2.25
International	Mechanical Engineering	41	0.35
International	Electronics and Communication Engg.	26	0.50
International	Institute of Pharmacy	40	2.13
International	Management	22	4.73
International	Maths	36	1.81
International	Physics	14	1.65
International	Chemistry	24	1.70
International	Civil Engineering	10	0.14
International	Bio-Tech	26	2.23

View File

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of Physics	2
Department of Computer Engineering and Applications	39

Department of Mathematics	2
Faculty of Education	2
Intitute of Business Management	1
Department of Biotechnology	3
Institute of Pharmacy	7
Electrical Engineering	2
Electronics and Communication Engineering	15
Mechanical Engineering	36
View File	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
AQUA-AIR FIXTURE FOR FRICTION STIR WELDING	Published	201811049186	27/10/2020
ECO GAP FILLER	Published	201911054344	25/11/2020
DISTILLATION BASED WATER PURIFICATION SYSTEM	Published	201911052368	11/12/2020
I-COS (IGNITION CUT OFF SYSTEM)	Published	201911054343	31/12/2020
MEDI AMBULANCE	Published	202011015677	20/11/2020
AUTOMATIC BICYCLE SUPPORTERS	Published	201911052234	28/07/2020
VACUUM FLUSHING SYSTEM	Published	201911050613	12/12/2020
A GUIDE BENDING MACHINE	Published	201811037429	20/02/2020
TREADMILL-ELECTRIC-CYCLE	Published	201811026312	29/07/2020
SMART VEGETABLE CUTTER	Published	201911054346	26/12/2020
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Wormhole modeling supported by non-exotic matter	Samanta, Gauranga C. Godani, Nisha	MODERN PHYSICS LETTERS A	2019	27	GLA University	27
	Sharma,	MODERN	2019	30	GLA	30

Diagnosing Tsallis holographic dark energy models with state finder and omega - omega pair	Umesh Kumar Pradhan, Anirudh	PHYSICS LETTERS A			University	
Validation of energy conditions in wormhole geometry within viable f(R) gravity	Samanta, Gauranga C. Godani, Nisha	EUROPEAN PHYSICAL JOURNAL C	2019	32	GLA University	32
An efficient technique for a time fractional model of lassa hemorrhagic fever spreading in pregnant women	Goyal, Manish Baskonus, Haci Mehmet Prakash, Amit	EUROPEAN PHYSICAL JOURNAL PLUS	2019	32	GLA University	32
Decentralized solar rooftop photovoltaic in India: On the path of sustainable energy security	Rathore, Pushpendra Kumar Singh Chauhan, Durg Singh Singh, Rudra Pratap	RENEWABLE ENERGY	2019	34	GLA University	34
Effect of Carbon Nanofillers on the Mechanical and Interfacial Properties of Epoxy Based Nanocomposites	Manoj Kumar Shukla, Kamal Sharma	Polymer Science - Series A	2019	34	GLA University	34

: A Review						
Statefinder diagnosis for interacting Tsallis holographic dark energy models with ??? [?] pair	Varshney G., Sharma U.K., Pradhan A.	New Astronomy	2019	31	GLA University	31
Molecular Docking and in Silico Cogitation Validate Mefenamic Acid Prodrugs as Human Cyclooxygenase-2 Inhibitor	Shah K., Mujwar S., Gupta J.K., Shrivastava S.K., Mishra P.	Assay and Drug Development Technologies	2019	13	GLA University	13
FRW dark energy cosmological model with hybrid expansion law	Goswami G.K., Pradhan A., Mishra M., Beesham A.	New Astronomy	2019	5	GLA University	5
Exendin-4 attenuates brain mitochondrial toxicity through PI3K/Akt-dependent pathway in amyloid beta (1-42)-induced cognitive deficit rats	Garabadu D., Verma J.	Neurochemistry International	2019	17	GLA University	17
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
Folate Conjugated Double Liposomes Bearing Prednisolone and Methotrexate for Targeting Rheumatoid Arthritis	Verma, Amit Jain, Ankit Tiwari, Ankita Saraf, Shivani Panda, Pritish K. Agrawal, G. P. Jain, Sanjay K.	PHARMACEUTICAL RESEARCH	2019	200	Nill	GLA University
Improvement in mechanical and thermal properties of epoxy hybrid composites by functionalized graphene and carbon-nanotubes	Shukla M.K., Sharma K.	Materials Research Express	2019	35	28	GLA University
A fuzzy rule based multimodal framework for face sketch-to-photo retrieval	Khan M.A., Jalal A.S.	Expert Systems with Applications	2019	207	8	GLA University
Modelling the Effects of Financial Services Advertising on Financial Product Purchase: An Empirical Validation	Dogra P., Sharma R.R.	Vision	2019	406	1	GLA University
Development of liposomes using formulation by	Jain A., Hurkat P., Jain S.K.	Chemistry and Physics of Lipids	2019	99	20	GLA University

design: Basics to recent advances						
Preparation, characterization and encapsulation efficiency of egg albumin nanoparticles using EDC as crosslinker	Prajapati A., Srivastava A.	Journal of Scientific and Industrial Research	2019	54	1	GLA University
Voltammetric Detection of Thymol (THY) Using Polyacrylamide Embedded Graphite Molecular Imprinted Polymer (PAM@G-MIP) Electrode	Naskar H., Biswas S., Tudu B., Bandyopadhyay R., Pramanik P.	IEEE Sensors Journal	2019	121	1	GLA University
A review of the mechanical and thermal properties of graphene and its hybrid polymer nanocomposites for structural applications	Kumar A., Sharma K., Dixit A.R.	Journal of Materials Science	2019	177	195	GLA University
Detecting Ocimene in mango using mustard oil based quartz crystal microbalance	Ghatak B., Ali S.B., Tudu B., Pramanik P., Mukherji S., Bandyopadhyay R.	Sensors and Actuators, B: Chemical	2019	197	7	GLA University

sensor						
Anisotropic compact stars in the Buchdahl model: A comprehensive study	Maurya S.K., Banerjee A., Jasim M.K., Kumar J., Prasad A.K., Pradhan A.	Physical Review D	2019	396	55	GLA University

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	254	7	82
Presented papers	102	39	9	19
Resource persons	Nill	10	30	Nill

View File

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Mechanical Engineering	Bio Diesel Generator Development	M/s. Prakash Diesels Pvt. Ltd. Naraich Hathras Road, Agra-282006	185000
Department of Electrical Engineering	DPR Vetting for Solar Power Plant	Mr B M Nagar (8755921669) M/s Prakash Impex Pvt Limited C-37 37 UPSIDC Industrial Area, Hathras Road, Agra	236000
Department of Pharmacy	Formulation Development and Evaluation of Fast Dissolving Tablet for Aceclofenac	Sure for Cure Formulation (PVt) Ltd., Plot No 13, Sector IIDC, SIDCUL, SIDCUL Industrial Area Rd, Rudrapur, Uttarakhand 263153. Mr. Tanay Anand, CEO and Marketing Head Phone: 05944 250 228 Email: tanay@bbremedies.com	100000
Department of Civil Engineering	Test of Cement, Brick, Concrete, FA, CA and Super	Name- Hi- View construction Pvt. Ltd, New Delhi	407100

	Plasticizers	Contact Person- Mr. Parikshit Khurana Director	
Department of Civil Engineering	Test of cement,sands and aggregate	SJP INDIA Associates, Mathura (U.P)	560500
Department of English	Communication Skills for Staff and Officers	M/s Hotel Basera Brijbhoomi, 57, Attala Chungi, Vrindavan, Mathura	389400
Department of Biotechnology	Plant Tissue Culture, DNA Fingerprinting of Mushroom Spawn	M/s Anjaney Trust Mathura	50000
Department of Computer Engineering Applications	Hotel Management Software	Hotel Basera Raman Reti Marg Opp. Fogla Ashram, Vrindavan, Mathura	112100
Department of Computer Engineering Applications	College Management Software	Gyan Mahavidhaliya Agra Road, Aligarh - 202002	59000
Department of Computer Engineering Applications	Hospital Management System	Maa Saraswati Hospital, Jaisinghpura, Vrindavan Road, Mathura - 281003	88500
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Light-up the Hope (Skylight)	Aashayein, GLA University	5	445
Mission Indradhanush 2.0	10 UP BN, NCC	1	10
World AIDS Day	10 UP BN, NCC	1	10
Cleanliness Camp (Swachhata Pakhwada)	NSS GLA University	3	130
Blood Donation	NSS GLA	2	65

Camp	University		
Donation to Old age Home "Apna Ghar"	NSS GLA University	4	175
Children Day Celebration	Aashayein GLA University	5	325
Anti Polythene drive	NSS GLA University	5	300
Dhoomrapaan Nishedh Abhiyaan	Udaan Aasma Tak GLA University	5	170
Jal Sakti Abhiyan	NSS GLA University	2	55
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachtta Pakhwada	Appreciation Award	10 UP BN, NCC Mathura	100
Special Mahila Matadata Panjikaran Mela	Appreciation Letter	Chief Election Officer, UP	200
Blood Donation Camp	Certificate of Appreciation	Nayati Health Care Hospital, Mathura	25
Stress Management and career counselling	Appreciation Letter	Saraswati Vidhya Mandir, Aliganj, Lucknow	65
Motivating Session	Appreciation Letter	Guru Her Rai Academy, Kanpur	90
Corona Warrior	Appreciation Letter	Savera-Swam Savi Sansthan	65
AIDS control program	Letter of Appreciation	District Health Committee, Agra	50
Ujjal Brij	Letter of Appreciation	Station Director, Mathura Jn.	250
Appalaud to COVID-19 Warriors	Certificate of Appreciation	ICMR-NJIL OMD	70
Service for Awareness program of COVID-19	Certificate of Appreciation	Nutritional and Natural Health Science Association	200
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites

NSS	NSS, GLA University	Jal Sakti Abhiyan	1	55
NSS	NSS, GLA University	Collection of waste plastic from campus	5	28
Awareness Camp	Udaan Aasma Tak	Dhoomrapaan Nishedh Abhiyaan	4	170
Awareness Camp	Udaan Aasma Tak	Anti Polythene Abhiyaan	4	145
Awareness Camp	ILSR GLA University	Stop Child Exploitation	4	26
Awareness Camp	GLA University	Anti Polythene drive	5	300
Awareness Camp	GLA University	Anti Tobacco drive	2	236
NCC- Extension Programmes	10 UP BN, NCC	World AIDS Day	3	10
NCC- Extension Programmes	10 UP BN, NCC	World Diabetes Day	5	10
NCC- Extension Programmes	10 UP BN, NCC	Mission Indradhanush 2.0	2	10

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research article (Folate Conjugated Double Liposomes Bearing Prednisolone and Methotrexate for Targeting Rheumatoid Arthritis)	Amit Verma, Ankit Jain, Ankita Tiwari, Shivani Saraf, Pritish K. Panda, G.P. Agrawal, Sanjay K. Jain	GLA University	240
Study of Mechanical Properties and Change in Microstructure of Alloy Steel EN24 under various Heat Treatment Process,	Sharma D., Pandey A	GLA University	210
Self Esteem And Its Relationship To Life Satisfaction	Dr.Dayal sandhu	GLA University	90

And Emotional Intelligence: An Exploratory Study Amongst Secondary School Teachers			
Occurrence and diversity of non?tuberculous mycobacteria among suspected and confirmed cases of pulmonary tuberculosi	Sinha KK, Singh PK, Singh U, Dixit P, Jain A.	GLA University	240
Research Publication (Development and investigation of Artemether loaded binary solid lipid nanoparticles: Physicochemical characterization and in-situ single-pass intestinal permeability)	Anuj Garg, Devendra Singh Tomar, Kripal Bhalala, Muhammad Wahajuddin	GLA University	120
Research Progress	Alka Agrawal Vishal Goyal , Punnet Mishra	GLA University	365
Ph.D. Program	Nitin Khandelwal	NRC Equines, Hisar	365
Ph.D. Program	Niharika Sharma	JALMA Inst. For Leprosy and other Mycobacterium diseases, ICMR, Agra	365
Wormhole modeling in f(R,T) gravity with minimally-coupled massless scalar field	Nisha Godani and Gauranga C. Samanta BITS GOA	GLA University	150
Anisotropic MHRDE model in BD theory of gravitation	Pradhan A., Dixit A.,	GLA University	520

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant

Academic	Faculty Development Programme	IBM India Pvt Ltd No.12, Subramanya Arcade, Bannerghatta Main Road, Bangaluru India	17/06/2020	21/06/2020	43
Academic	Faculty Development Programme	IBM India Pvt Ltd No.12, Subramanya Arcade, Bannerghatta Main Road, Bangaluru India	30/12/2019	01/01/2020	29
Academic	SME Workshops Program	IBM India Pvt Ltd No.12, Subramanya Arcade, Bannerghatta Main Road, Bangaluru India	27/11/2019	27/11/2019	26
Academic	SME Workshops Program	IBM India Pvt Ltd No.12, Subramanya Arcade, Bannerghatta Main Road, Bangaluru India	27/09/2019	27/09/2019	37
Academic	Guest Lecture	The Clouds Lab, University of Melbourne, Australia	21/11/2019	21/11/2019	25
Academic	Industrial Training	NCR Corporation	01/01/2020	31/05/2020	1
Academic	Industrial Training	IIT Kanpur	15/06/2020	15/07/2020	4
Academic	Industrial Training	IIT Jodhpur	15/06/2020	15/07/2020	1
Academic	Industrial Training	Motilal Nehru National Institute Of Technology Allahabad	15/06/2020	15/07/2020	13

Academic	Industrial Training	Indian Oil Corporation Ltd.Mathura	01/06/2020	30/07/2020	1

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
California State University, San Bernardino,USA	09/07/2019	Online guest lecture on Strategic planning - Case analysis of chobani.	70
Tuv-Sud South Asia Pvt. Ltd., Pune	16/07/2019	Introduction to Industry 4.O	60
Jadavpur University, Kolkata	28/08/2019	Guest Lectures on Vaccine	68
Nuclear Particle Physics Group, BHU, India	20/08/2019	Guest Lecture on string theory, black holes and holographic principle.	34
School Of Physical and Chemical Sciences, Central University Of South Bihar, Gaya India	28/09/2019	Guest Lecture on Dark Matter : An Introduction	35
Particle Physics Group, Institute Of Physics, Academia Sinica, Taiwan	15/10/2019	GEMADARC Summer Exploration Series	46
Millennium India Education Foundation, New Delhi	04/12/2019	Online seminar on One Health: COVID 19 (ZOONOTIC DISEASES-) Date 1st June 2020 alongwith GLA University. Invited Speaker Prof. A.K. Bhatia Dept. of Biotech GLA University.	66
Jssate - Sci Technology , Noida	04/10/2019	Startup Enrichment Program	20
NSIC Technical Services Centre, NEEMKA,Faridabad	28/11/2019	Industrial Visit	43
Msc, A Division Of Matrix Publicities Media	07/03/2020	Current Trends in Digital Marketing" Online Guest	57

India Pvt. Ltd. Gurugram, India		Lecture	

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
3445	1796

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Video Centre	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Newly Added
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha (Open Source Software)	Fully	3.22.10.000	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	157664	39653862	5703	2269409	163367	41923271
Reference Books	13714	3541348	902	358935	14616	3900283
e-Books	62	141751	661	1133749	723	1275500
Journals	118	3869803	Nill	472397	118	4342200
e-Journals	1439	13590549	13956	3090450	15395	16680999

Digital Database	21	3615630	Nill	2426818	21	6042448
CD & Video	9758	Nill	72	6800	9830	6800
Library Automation	2	260186	Nill	35400	2	295586
Weeding (hard & soft)	27	6967	19	2523	46	9490
Others(specify)	1	59564	Nill	13570	1	73134
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Dujeshwer	Crop Production -1	GLA LMS	02/05/2020
Dr. M. Yaseen	Problematic Soils Classification	GLA LMS	04/12/2019
Dr. V.S. Pundhir	Rain water Harvesting	GLA LMS	10/12/2019
Dr. Vineeta Pandey	Overview of Plant breeding	GLA LMS	04/05/2020
Mr. Mayank Goyal	Basic System Analysis	GLA LMS	15/06/2020
Mr.Sachin Goyal	Control System	GLA LMS	20/06/2020
Dr Shiva Durga	Nature of Language	SWAYAM	10/06/2020
Dr. Kshitiz Parmar	Amritamahal	GLA LMS	30/01/2020
Dr. Anand Prakash	Groundnut	GLA LMS	07/07/2020
Dr. Bhavya Mishra	Tomato production part I	GLA LMS	05/05/2020
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	2748	1965	2748	57	66	57	603	2000	0
Added	200	110	200	4	62	4	20	0	0
Total	2948	2075	2948	61	128	61	623	2000	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

2000 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Lecture Capturing System	https://www.gla.ac.in/cpage.aspx?mpgid=7&pgidtrail=256
Media Center	https://www.gla.ac.in/cpage.aspx?mpgid=7&pgidtrail=256
Recording and Editing Facility	https://www.gla.ac.in/cpage.aspx?mpgid=7&pgidtrail=256

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
540	303.73	1321	1446.39

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The university ensures proper apportionment and application of the available financial resources for maintenance and up gradation of different facilities by holding regular meetings of various committees constituted for this purpose. Laboratory: A record related to maintenance and procurement of lab equipments are maintained by lab technicians and supervised by HODs of the concerned departments. The calibration, repairing and maintenance of lab equipments are done by the technicians as well as by the concerned faculties. The log books are maintained for the usage of every instrument. Library: The requirement and list of books is taken from the concerned departments as well as central library and HoDs are involved at the departmental level. The proper account of visitors (students and staff) on daily basis is maintained. Sports: There are facilities of playing indoor badminton, chess, volley ball, table tennis, gym, cricket, basket ball, football and other. Students are encouraged to involve in different sports and various sports competitions are organized regularly at the university level. Computers: Computer maintenance is done regularly and nonrepairable systems are disposed off. Classrooms: University has a committee for up gradation of infrastructure and maintenance. Requirements like classroom furniture and other are submitted to the registrar by the HoDs at the departmental level. Maintenance and repair of furniture and other equipments are done regularly. With the help of full time sweepers cleanliness of class rooms is maintained. Students are inspired regarding tidiness and motivated for energy conservation by optimal use of electricity in classrooms. There are masons, technicians, carpenters, plumbers deputed by management who ensure the maintenance of classrooms and related infrastructure.

https://www.gla.ac.in/Uploads/image/430imguf_Proceduresandpoliciesformaintainingandutilizingphysical,academicandsupportfacilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	GLA University Scholarship	1252	39762750
Financial Support from Other Sources			
a) National	Social Welfare Dept of different states	1235	54416275
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Entrepreneurship Cell	19/08/2019	810	E-Cell of GLA University
Personal Counselling	30/08/2019	1584	GLA University, National Institute of Security Market, Safeducate Learing Pvt. Ltd., Quality council of India
Yoga and Meditation	31/01/2020	348	Faculty of education
Bridge courses	19/08/2019	92	GLA University
Language Lab	12/08/2019	1819	Institute of Applied Sciences and Humanities of GLA University,Mathura
Soft Skill development	10/02/2020	4886	Training and development Cell of GLA University
Remedial coaching	18/11/2019	322	GLA University
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Guidance for	480	Nill	163	Nill

	competitive examinations				
2019	Career counseling	Nill	9656	Nill	1618

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
J. Kumar Infraprojects Ltd.	2209	1601	Century Pulp Paper,Tomar Construction Company,Ultratech Cements,Source Resources Private Limited-Digital	60	17

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Tech.	Mechanical Engineering	Dayalbag educational institution	M.Tech.
2019	1	B.Pharm.	Institute of Pharmacuetical Research	BITS University, Pilani	M.Pharm.
2019	4	B.Ed.	Education	DBRAU Agra	M.Sc.
2019	1	B.Sc. (Hons.)	BioTechnology	South Asian University	M.Sc.
2020	1	B.Tech.	Civil Engineering	MMM University	M.Tech.
2019	1	BBA	Insitute of Business Management	DEI, AGRA	PGDM/PGDBM

2019	1	BCA	Computer Science and Engineering	BHU	MCA
2019	5	B.Com(H)	Insitute of Business Management	GLA University, Mathura	MBA – FMB
2019	14	B.Com(H)	Insitute of Business Management	GLA University, Mathura	MBA
2019	8	B.Pharm.	Institute of Pharmacuetical Research	Institute of Pharmaceutical Research, GLA University	M.Pharm.

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	18
CAT	10
Any Other	133
NET	2

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Corporate Walk Show (HR Club)	University	104
Farewell Party 20	University	382
TUG OF WAR	University	56
BENEFITS OF YOGA TO IMPROVE FLEXIBILITY	University	385
Agrata (A Mega Cultural Fest)	University	609
Techno Quiz 2.0	University	75
Slogan Writing Competetion (Swachhta pakhwada - water conservation)	University	44
58th National Pharmacy Week	Institute	148

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the	National/	Number of	Number of	Student ID	Name of the

	award/medal	Internaional	awards for Sports	awards for Cultural	number	student
2019	UDGHOSH - POWER LIFTING	National	1	Nill	181300104	VAIBHAV SHARMA
2019	UDGHOSH - HANDBALL	National	1	Nill	171300024, 171300091, 171100020, 171300017, 181500150, 181100011, 181100018, 181500709, 193100082	AYUSH SINGH, VARUN SINGH, KARTIK, ANUJ SINGHAL, ASHUTOSH KUMAR, DEVANES KUMARB SINGH, HARSHIT RAJ SINGH, SIDHARTH RAI, RISHABH SINGH
2019	UDGHOSH - ATHLETICS (4 X 400M)	National	1	Nill	181500140, 193200051, 173000048	ASHISH CHAUDHARY, ASHU,DEEPA K RAWAT,SA URABH KUNTAL
2019	CHAKRAVY UHA - BASKETBALL	National	1	Nill	174100078, 174100119, 171500165, 171300039, 161500510, 174300030, 181500448, 184700038, 174100173,	KRATI SENGAR, POOJA CHAUDHARY, KSHAMA SHANKAR, IQRA KHATOON, SHILPA , JYOTI GUPTA, PANKHURI VERMA, MEHAK THAKUR, SIMRAN GUPTA
2020	Agrata	National	Nill	1	161200073	Deepak Pal
2020	Prototype Showcase (Nexus)	National	Nill	1	171200162	Trivendra Senger
2020	Drone Heaven with Hell	National	Nill	1	201299015	Hariom Bhardwaj

2020	11(Nexus)					
2020	Roboverse(Nexus)	National	Nill	1	171200163	Tushar Singh
2020	Suron Ki Goonj	National	Nill	1	181200103	satyaprakash singh
2020	Brij Literature Festival,GLA university	National	Nill	1	191300024	Chaitanya Srivastava

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

To empower students in gaining leadership qualities, rules, regulations and execution skills, the University provides a platform for their active participation in various academic administrative bodies. The representation of students in academic and administrative bodies of the university ensures augmentation of various infrastructural, academic and administrative activities for students' benefit and welfare. Together with university administration, students have been actively and smoothly running sports, cultural, social, literary activities. Initiatives taken by students in organizing various club activities under the aegis of Poetry Club, Literario Club, Saturangle – the Debate Club, Ninad – the Music Club, Nature Club, Film Club, Science Club, Robotics Club, Chess club, Dance Club, National Service Scheme, National Cadet Core have given amazing results in terms of allround development of the students of the University. Besides, schemes like Swachh Bharat Abhiyan, Blood Donation Camps, Annual International Sports Meets etc. fill them with a sense of social responsibilities and belongingness. Representation of students of every department in academic administrative committees not only enhances their managerial and other relevant skills in them but also bring name and fame to the university. Almost every club of the university has its student selected through interviews under the mentorship of their teachers. The club comprises President, Vice President, Secretary, Joint Secretary, Treasurer and other working committee members. The activities of these clubs are monitored by faculty members responsible for the smooth conduct of the events. Under the guidance of faculty mentors, these students play a dominant role in fine arts, sports and other cocurricular activities as well. Among the major cocurricular activities organized by these student clubs include TEDx Lectures by experts, Seminars, Workshops, Symposium, Conferences, etc to develop their personality and skills. Speeches by eminent speakers and industrialist on topics relevant to current educational scenario help them in their allround development. Besides, they also observe important days Religious and Cultural Festivals (such as Dandiya, Navaratri, etc.), International Women's Day, International Yoga Day, Sports Day, Teachers Day, Freshers Day, Farewell Party, World Pharmacy Day, Engineers' Day, etc. Students from each department participate in faculty, infrastructural and other feedback. Their views and suggestions with respect to the faculty, subjects, syllabus and other things related to the class and infrastructure help the teacher and university administration keep track of maintenance of quality education and facilities provided to them. The university provides necessary support to these students in organizing coordinating the events. It encourages them develop their various skills through these activities and make them real heroes.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

GLA University Alumni Association makes the expert structure, which causes the graduated class to get related with one another. When the new century rolled over, passing by the evolving times, endeavors were made to formalize the graduated class relationship with all around looked after records. This overall phase of graduated class affiliation goes about as a stage for all the graduated class individuals by building up their internal gifts just as by expanding the assistance with one another. Hence, it makes ready to build up, enhance constantly the aptitudes of each former student part all through their lifetime. Yearly a gathering of graduated class meets in the grounds for several days, visits the forthcoming framework and offices, connect with the personnel and understudies. City savvy parts (Bangalore, Delhi NCR and Pune) of the affiliation likewise exist where the graduated class of GLA University holds parley regularly. The principle targets of affiliation are: 1.To advance and cultivate common valuable co-operation among Alumni and the University. 2. To support the development of provincial sections to build cooperation of Alumni 3.To urge the Alumni to look into the cycle and advancement of University. 4. To mastermind and support in arrangement exercises for the understudies of University 5. To support the understudies of the University and individuals from the Association for research improvement work in different fields like designing, PC Industrialization and so on 6. To tutor the understudies of the University for advanced education, improvement of character and being GOOD residents. 7. To trade proficient information, coordinate specialized meetings, classes, workshops and instructional classes. To speak to and partake in such courses, gatherings, workshops or gatherings directed by different Engineering and expert Associations 8. To empower the students of the University to become business visionaries. 9. To manage understudies of the college on different expert roads accessible and uphold them through different exercises, for example, master exhortation, workshops, visit and so forth 10. Advance the Industry University communication to overcome any issues between industry necessities and training offered and upgrade understudies employability. 11. To help and help other provincial bodies for preparing programs in business advancement, with assets accessible with affiliation. 12. To energize and uphold understudies of the University in games, social and extra-curricular exercises. 13. To offer clinical help to existing and resigned educating and nonteaching staff. 14. To arrange banters on different social issues. 15. To help and guide understudies and ex students of the University for Anti-drug, anti-ragging, and some other standoffish exercises 16. To distribute books, periodicals for public interest.

5.4.2 – No. of registered Alumni:

26562

5.4.3 – Alumni contribution during the year (in Rupees) :

2140000

5.4.4 – Meetings/activities organized by Alumni Association :

10

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

   i) The University has delegated enough authority to all Directors, Deans and Heads of the departments so as to carry out all the routine tasks of the

university smoothly and efficiently. The Annual calendar, for all curricular, co-curricular and extracurricular activities, in consultation with all concerned, is prepared well in advance before the commencement of each academic year. Departmental Planning Committees prepare the annual requirements of the department both in terms of recurring and non-recurring items. Every faculty member is encouraged to give his/her requirement with proper justifications so that a prioritized list can be prepared for further processing. Final document is submitted to University Planning Board for aggregating the requirements of the University as a whole. Department level Examination Committee takes care of activities related to preparation of list of paper setters, moderation work (if any), and preparation of invigilation duty roaster, nominating flying squad members and smooth conduction of examinations. Faculty members are nominated to this committee on rotation basis so that everyone gets exposure. Board of Studies for every department has been constituted under the chairmanship of the head of the concerned department. External members from academic institutions and industries are also members of this board. All academic discussions related to existing programme upgradation, introduction of new programmes for future, requirement of faculty members are held in this board. Normally the board meets once in a semester. Recommendations of BoS are further discussed in Academic Council for final approval. ii) Every department has clubs for various technical and cultural events. These are mentored by faculty members and managed by students. Such initiatives have played crucial role in the holistic development of students' personality. Annual competitions are organised so that students can showcase their unique skills. Mess facility in the hostels is totally managed by students. Selection of mess staff, menu preparation, raw material procurement etc. is all decided by mess committee of resident students. This helps in greater satisfaction among the students as they are involved in all decision making. Students are involved in placement activities of the University. Peer training, soft-skill sessions, group discussion etc. are organised by and for students regularly. Digital platforms are also used for knowledge sharing.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Preparation for admission of students is a continuous process. Regular interaction with school/ college students (potential candidates) through dedicated officers are carried out. They provide details about career in different fields. All relevant information about admission is uploaded on the University website by January end. Online registration starts in February for appearing in Entrance test of the University. Qualified counsellors clarify the doubts of online and onsite students. Admitted students are also provided with study material for their weak area before they come for classes. All guidelines as prescribed by regulatory authorities are followed.

Industry Interaction / Collaboration	Every faculty member is expected to associate herself/himself with at least one Industry and understand their need. Live project proposals are developed so that both students and faculty are benefitted. This also helps in placement/ summer training offers. Guest lecturers from Industry personnel are an integral part of teaching learning process. Feedback from personnels of all recruiters about shortcomings of student is collected and worked upon regularly. Industry experts are members of Board of Studies, Academic Council, Executive Council and Court of the University.
Human Resource Management	All faculty members are expected to attend and present their papers in conferences. University meets the expenditure. Regular training programme for Non-Teaching employees is organised. Study leave for acquiring higher qualification is given to all faculty members. Other staffs are encouraged to take up courses at the University as a part-time student for their progress. Best faculty and best department awards are given every year to acknowledge good work.
Library, ICT and Physical Infrastructure / Instrumentation	GLA library is a very rich storage of books, magazines, articles and materials. It regularly adds new text books, print journals and other reference materials to its collection. It also has subscriptions to many online journals, e-books and other knowledge-building services. The library regularly analyses how these subscriptions are being utilized by students and teachers. An online portal of the website has been created which has nearly eight hundred e-books. Students are encouraged to utilize online book search facility. Using the portal anyone can access books and materials from the library.
Research and Development	University has formed various research committees at the level of the institute and departments. Departments prepare focus areas of research after looking at the national and international scenarios. Faculty members were asked to prepare the research plan of the year. They are asked to publish in high quality journals which have good impact factor. Good papers are encouraged with

		incentives from the university. Faculty members are also motivated to take research projects. Departments arrange seminars, FDPs and workshops to create, maintain and improve the atmosphere of research.
	Examination and Evaluation	Through class test, assignments, projects, class participation, tutorial sessional examination, Lab work and Semester/Term End Exam (S/TEE) the course attainment level of individual student and whole class is measured. After the evaluation is done the answer sheets are shown to the students to maintain full transparency. Any dissatisfied students can easily apply for reevaluation. University has adopted innovative methodologies of evaluation like seminars and Online Multiple-Choice Questions on Moodle in a few courses.
	Teaching and Learning	University has ample number of world-class lectures halls, tutorial rooms and laboratories for best-in-class teaching and learning. The goal is not only knowledge-building but also making the students industry ready. Every course has its own course learning outcome which is prepared by the departments and mapped to the Programme Outcomes and Programme Educational Objectives. The syllabus and co-curricular activities emphasize on meeting PEOs and POs. The Course Design Policy is prepared so that teachers can refer. The use of tools like Google classroom, NPTEL / MOOC courses, Audio and Video demonstrations, Blogs and Course websites are extensively used, supplemented by regular industrial visits and cooperative teaching.
	Curriculum Development	The university is continuously working on the creation and modification of curriculum. Feedback on the curriculum is invited from peers, industry experts, alumni, outgoing students and parents. At the same time the department level/area level committees look at syllabus of the leading institutes for benchmarking, considers industry expectations / graduate attributes and the regulatory syllabi related requirements to design the curricula. In the half yearly meeting the Board of Studies of various departments discuss and decide the syllabus. Finally the Academic Council

of the university reviews the inputs from the BoS and finalizes the syllabus.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	Now, all activities related to departmental budget requirements, next year's planning for augmentation, faculty and other human resource planning are done by computers. Data is analysed to arrive at optimum decision. This has reduced paper work and it also saves time needed for analysis. Budgeted expenditure is monitored and corrective measures are undertaken through application of ICT. All meeting minutes of planning, approval details and development are kept in digital format so that they can retrieved by anyone whenever necessary.
Administration	Now, through online GLAMS modules most of the administrative activities are conducted. Staff and students can apply for leave, book Transport, book Guest House, apply for obtaining advance salary, submit bill etc. through online portal. This has significantly reduced paper work, expedited decision making and timely action. Student's attendance in hostels, interaction with their parents, medical record of student and any other information can be accessed online. Parents can see the status of their children from anywhere. Staff can check their attendance, leave record, PF Contribution etc. online. The system has been greatly contributed to the efficiency and productivity of the university.
Finance and Accounts	Finance and accounts of the university have been totally automated and all modules like budget preparation and monitoring salary preparation and sending individual salary slips, bill submission and processing of bills, student fee deposit and issue of receipts, income tax deduction and deposit, PF deduction and deposit, examination related payments, conference and workshop accounting, consultancy accounting, mess bill accounting etc. have been incorporated.
Student Admission and Support	University heavily depends on website and electronic media for admission. Any

		student can register, ask questions, appear in entrance test, see their score, pay fees, take admission in GLAU from anywhere on the university website. Online student counselling is also available now. All information related to students is recorded online and are accessible to authorised persons only. Some of these are: Basic information about students, her / his qualification, address, parents' details, Aadhaar and PAN no., Mobile no. etc. Attendance details Progression details Hostel details Any special information / requirements Placement details etc. Students and their parents can view all information as and when desired and class advisers keep a close watch on progression of student and takes necessary corrective action.
	Examination	There are separate modules in GLAMS through which examination and pther related activities are carried out. Initially just after the admission, all relevant information about a student is recorded and validated on the online portal. Faculty advisors map students, course subjects and time table on the portal which is visible to all the teachers and students through GLA portal or GLA android app. The android app developed by the in-house software engineers of the university is very useful for the students, teachers and the people in the administration for all kind of monitoring. The online module automatically records and calculates student attendance and display if a student is qualified to appear in an exam. COVID pandemic has compelled the universities to opt for online examination. In GLAU there are separate portals for internal and external question setting which can only be accessed by authorised persons. The online examination portal is very efficient and makes the whole process very easy for the examiner and the examinee. All the other examination-related works like centre planning, invigilators allocation, evaluation of answer scripts and uploading the marks, declaration of results and analysis of marks, final result preparation are done online maintain high level of efficiency and transparency.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Gunjan Bharadwaj	International Conference On Power Electronics Iot Applications In Renewable Energy And Its Control (Parc 2020)	Nill	8000
2019	Alok Bhardawaj	National Conference on Impact of Climate change on food, water and health	Aligarh Muslim University, Aligarh	3000
2019	Anjana Goel	Small molecule analysis by NMR spectroscopy Mass Spectroscopy	CDRI, Lko	14000
2019	Shoor Vir Singh	International Congress of Society for Eth nopharmacology	Jamia Hamdard University	20000
2019	Avnish Sharma	Business And Entrepreneurshi p Development In A Globalized And Digitalized Era	Indian Institute of Management, Rohtak	6856
2019	Satendra Kumar Yadav	Academy For Global Business Advancement	Indian Institute of Management, Rohtak	11856
2019	Himani Singh	Business And Entrepreneurshi p Development In A Globalized And Digitalized Era	Indian Institute of Management, Rohtak	6856
2019	Jitendra Kumar Dixit	2Nd Summer School On Behavioural Finance	Indian Institute of Information Technology (IIIT), Allahabad	7480

| 2020 | Ram Kumar Dwivedi | Paper Development Workshop | Indian Institute of Management, Rohtak | 14878 |
| 2020 | Shivam Bhardwaj | Nasmei International Conference | Indian Institute of Management, Indore | 11474 |

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Training on Binocular Microscope	Nill	21/03/2020	21/03/2020	7	Nill
2019	Recent Trends in Algebraic Graph Theory and its Applications	Nill	29/10/2019	29/10/2019	35	Nill
2020	PDP on Understanding cognitive Development of learners	Nill	07/09/2020	12/09/2020	42	Nill
2019	Advanced in Applied Chemistry	Nill	10/08/2019	10/08/2019	50	Nill
2020	Advances in Pharmaceutical Research	Nill	21/08/2020	26/08/2020	109	Nill
2020	Nill	One Day Workshop on Administrative Training for For Non-Teaching Staff Organized by	10/10/2020	10/10/2020	Nill	35

		Department of Physics, GLA University, Mathura				
2019	Nill	Winter School- Basic Course in Communication (BCIC)	30/12/2019	01/01/2020	Nill	21
2020	Nill	ATP on Change management	07/03/2020	07/03/2020	Nill	41
2019	Nill	ATP on Creating an inclusive workforce	23/11/2019	23/11/2019	Nill	40
2020	Nill	'Workplace Communication in English' (STOC_WCiE) - 2020	28/06/2020	28/06/2020	Nill	91
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Redefining the role of educator in COVID -19 Outbreak era	5	11/05/2020	16/05/2020	6
Renewable and Sustainable Energy Conversion System	11	15/06/2020	20/06/2020	6
Research and Development in Materials Behaviour, Processing and Characterization Techniques	8	09/06/2020	14/06/2020	6
Solar Energy and Its	14	11/10/2019	15/10/2019	5

Applications				
The Role of the University and (Global) Ethics of Social Science Research	23	21/02/2020	26/02/2020	5
FDP on Roll of Mathematics in Engineering	22	03/02/2020	07/02/2020	5
Five day Faculty Development Program on Introduction to Machine Learning Conducted by IBM ICE Team at GLA University Campus Mathura	52	17/06/2020	21/06/2020	5
Faculty Development Programme Event Study Methodology	113	01/06/2020	06/06/2020	6
Five day Faculty Devlelopment Program on Social Web and Mobile Analytics Conducted by IBM ICE Team at GLA University Campus, Mathura	13	31/12/2019	04/01/2020	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
616	616	776	776

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Provision for Higher Studies Leave Provision for sabbatical for the deserving faculty Incentives on quality publications- Books from International publishers and Journal articles Seed	Provident Fund Group Medical Insurance Training Programs for Skill Enhancement Accidental Policy Concession in Tuition fee for wards	Financial Support to attend Conferences, Workshops etc Accidental Policy Tuition Fee waiver to students from economically weaker section Training and Development with specific

money for Research ideas Provision for financial Support to present research papers in India and abroad Free health Centre (Aarogyam) benefits (available for family members as well) 247 equipped ambulance on campus 1 month Vacation Leave Maternity Leave Provident Fund Group Medical Insurance On-Campus accommodation on subsidised rent, subject to availability Concessional educational fee for wards Accidental Policy

focus to train on the aspects of employability Training and Placement Cell Award to Meritorious Students Scholarship/fellowship to deserving Masters and Doctoral students Free on-campus Medical Facility Tuition Fee waiver in case of unfortunate incident with the earning member of the family

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The University has all the mechanisms in place to ensure proper financial conduct and transaction. Entire system of financial transactions is online. As per the requirements of varied units of the university, different modules have been created on the GLA MS. Internal audit of financial activities of the University is regularly conducted periodically by Finance Officer and Accounts Officer to ensure the adherence of standard procedure and policies of the University. The corrective measures are taken for any irregularities or omission detected during course of day-to-day financial activities. All financial transactions pertaining to receipt and expenditures for academic and not academic, and for consumable and non-consumable nature are reconciled. External financial audit of the University is conducted by the competent chartered Account periodically. University ensures appropriate corrective measures are implemented based on the findings identifies in the external audit report.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	Null
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Director, IQAC
Administrative	No	Nill	Yes	Director,

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not applicable

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. Placement Opportunities through structured regular Career counselling 2. Internship opportunities for graduating students 3. Conduction of skill-development seminars, talks and workshop from alumni to enhance the employability of the students

6.5.4 – Development programmes for support staff (at least three)

1. Field layout and land preparation 2. Winter School- Basic Course in Communication (BCIC) 3. Two days Workshop on Introduction to the world of MATLAB For Lab Champions 4. Better Workplace Communication 5. Creating an Inclusive Workforce 6. Change Management 7. Training Programme on Suspension System 8. Workshop on Slotter Machine

6.5.5 – Post Accreditation initiative(s) (mention at least three)

- Applied for National Institutional Ranking Framework (NIRF) - Applied for International Accreditation for Council for Business Education (IACBE) - Applied for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - Award of post-doctoral fellowships in different departments to attract good researchers

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Seminar on Spirit of Computing by Prof. S. R. Subramanya, School of Engineering and Computing National University, San Diego, CA 92123, USA	17/09/2019	17/09/2019	17/09/2019	75
2019	FDP on Life Skills Development	19/11/2019	19/11/2019	19/11/2019	15
2020	FDP on Startups and	19/01/2020	19/01/2020	20/01/2020	15

	Entrepreneur ship				
2020	One Day Workshop on NAAC Accreditation Framework Organized by Department of Computer Engineering Applications, held at GLA University, Mathura	30/01/2020	30/01/2020	30/01/2020	5
Nill	One Day Workshop on Outcome Based Education for NBA Accreditation Organized by Department of Computer Engineering Applications, held at GLA University, Mathura	22/09/2020	22/09/2020	22/09/2020	56
2020	One Day Workshop on Research Challenges and Opportunities in India Organized by Department of Computer Engineering Applications, held at GLA University, Mathura	12/09/2020	12/09/2020	12/09/2020	125
2020	One Day Workshop on How to Write a Research Paper Organized by Department of Computer	03/09/2020	03/09/2020	03/09/2020	108

| 2020 | International Webinar on Woman Achievers – A Success Story organized by Department of Computer Engineering Applications , GLA University, Mathura | 22/09/2020 | 22/09/2020 | 22/09/2020 | 150 |

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Women Security Program	19/01/2020	19/01/2020	10	Nill
One Day Gender Equity Program on Women's Health & Well Being	10/02/2020	10/02/2020	2	25
Gender Discrimination a Universal Challenge	10/12/2019	10/12/2019	9	15
Gender Equity Program	15/02/2020	15/02/2020	9	18

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Approx. 30 percent power requirements met be ON-Grid Solar Power Plant installed at roofs of various buildings in the campus.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	1

Physical facilities	Yes	Nill
Ramp/Rails	Yes	1
Braille Software/facilities	No	Nill
Rest Rooms	Yes	1
Scribes for examination	Yes	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	Yes	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadva ntages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nill	3	19/01/2 020	2	Authors Conclave	Workshop to enhance writing abilities of univer sity students and inter ested local par ticipants	54
2020	Nill	1	19/01/2 020	1	Folk dance	Local dance form of Mathura and Vrindavan was promoted	34
2020	1	Nill	07/06/2 020	1	Kabir Das :Spir ituality and humanity	Promotion of spiritual and human itarian values among students	16
2020	2	Nill	25/06/2 020	1	Online Poetry Co	Encoura ging crea	23

2019	1	1	28/09/2019	1	Management (UG) Students of GLA University, Mathura actively participated in "Say No to Plastic" Campaign with an initiative of Swach Bharat Abhiayan of Govt of India, on	Discourage the use of polythene	283

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Employees	01/08/2019	The phenomenal growth of GLA university is testimony to the ethical practices by all the stakeholders of the university. It has consistently strived for the high ethical practices in all the fields of work- whether it's Teaching, Research or publication. Each and every employee and student alike is expected to follow the guidelines and norms of ethical practices. We believe that there is no right way of doing wrong thing. The faculty and non-teaching staff is expected that s/he will not engage in any business activity (teaching/coaching or even assisting) other

than assigned by the university. All the projects and consultancy whether personal or institutional are to be routed through university. If an employee plans to take leave s/he may like to engage her/his class or work before going on the leave or should compensate by engaging the classes as required.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
A Session on Facing Challenges Teaching from Life Manual	05/05/2020	05/05/2020	97
A Session on Learn the Art of Happiness The Bhagwat Geeta Way	27/10/2020	27/10/2020	103
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

In addition to excellent academics GLA University is known for its eco-friendly or green campus. GLA University is a place where environment-friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. Greening the campus is all about sweeping away wasteful inefficiencies and using unconventional or sustainable sources of energies for its daily power needs, correct disposal handling, purchase of environment-friendly supplies and effective recycling program. In addition to making Environmental Studies a very vital subject in our syllabus, GLA University has gone one step further by putting that theory into practice. With great pride we can say that after the installation of solar panels a big part of our campus run on solar energy entirely. The campus has multiple rainwater harvesting (RWH) wells. Rooftop rainwater is directed to these wells through a drainage network. The campus has also adopted a mechanism of channelling rainwater towards large and open areas —the purpose is to enable maximum percolation of the rainwater into the ground. The campus maintains a botanical garden growing plants of various species and the university organizes sapling distribution and our very own Nature Club organizes plantation campaigns every year. The solid waste generated by various activities is segregated and collected. The university is in contact with an authorized vendor who collects the waste, recycles them and disposes the rest at the landfills authorized by the government. Liquid waste is managed, treated and reused for horticulture and flushing in toilets. Motherboards, cartridges, compact discs, memory chips generated by various technological devices like computers, TVs, radios, fax and photocopy machines are recycled properly. There are many other ways where GLA University attempts to create a clean-green atmosphere. The university has a

vermiculture pit for raw vegetable waste and a bio-composting plant for kitchen waste, a bore well for non-potable water for use in toilets and gardens to reduce consumption of municipal potable water, practice of using electronic chokes and CFL bulbs to cut down electricity consumption. We are at a time of environmental crisis and we need to adopt eco-friendly approaches and decrease our carbon footprint as much as possible. And GLA University once again leads by example.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Practice- 1, Giving back to society Objectives: to bring qualitative changes to the people around Context The university is acutely aware about and committed to bring about qualitative changes to peoples' lives around the place. To make this happen the university not only initiated some program but also participated in the activities initiated by the state and the central government. The Practice The university has been contributed its own bit in the cleanliness, beautification and sustenance of the places and monuments of cultural heritage- Ujjwal Braj is one such initiative wherein the dedicated people (on the pay-role of the university) are assigned with the task. Though the primary focal area is Govardhan and vicinity, many other important places too have been served. The initiative started in 2015 still continues only with greater zeal. Yet another attempt is through Udaan. The history of Udaaan dates backs to summer of 2012. Some contemplative students of Mechanical Engineering of GLA University started Udaaan Aasma Tak, when they saw pitiable condition of children nearby the University. They had a vision to see an educated and enlightened India. After some time more students attached and they started campaigning and conducting regular classes for underprivileged children of slums and villages. They also started education program for uneducated mess workers and sweepers of the University. In June 2016, 'Udaaan Aasma Tak' was successfully registered under Act 21, with its head office at Lucknow. At present 'Udaaan Aasma Tak' is acting as a successful organization working on different social issues like 'Child Labour', Education, Awareness on social issues, Environment Safety, Cleanness and Sanitation etc. In order to empower and educate the local youth, the university started another effort through PRAYAAS. This particular social initiative of the University was started in 2014 with a motif to help school students and school teachers by conducting health awareness based, motivational and educative activities. Excited with the very positive results of this initiative the university formally adopted a few primary schools of the area wherein the university not helps them with the trained human resource but also with infrastructure and facilities such as- furniture, clean water, sanitation etc. Through Prayaas hundreds of lives have got to know and learn novel dimensions of information and available vast knowledge corpus which empowered and enabled them to make a better informed decision about their lives and career. Aashayein is an initiative of ABACUS Technical Cultural Society under the department of Computer Engineering Applications. This social club is focusing on eradication of poverty and social injustice. Education is both the means as well as an end to a better life. As means it empowers an individual to earn his/her livelihood and as an end it increases ones awareness on a range of issues – from healthcare to appropriate social behaviour to understanding ones rights – and in the process help him/her evolve as a better citizen. Other than these regular activities the department of Education regularly conducts awareness programs for the people of nearby villages. The department of Pharmacy also holds medical check-up camps and National Pharmacy week in these villages which greatly benefits them to say the least. Inspired by the call of the Clean India, university also sends its team to help keep the railway station and Bus Stands clean. The University also adopted five villages of the surrounding under Unnat Bharat Abhiyan and helped

them on varied fronts, right from testing their soil and water quality in the university labs to suggesting them innovative ways of forming, to keeping them updated about regular health, this initiative too has brought a qualitative change in the lives of the local people. Summarily, the university is committed to its intent of giving back to society and does the utmost that it can with all its humane limitations. Practice- 2 In-house e-solution cell Objectives: To develop an in-house sustainable solution to keep pace with the great volume of data and record being generated. The Context This academic year in particular has brought in novel challenges to make all the services and data online. Right from conducting classes to conducting term and final exams online, also evaluating answer scripts- for these all we required a robust system and we did it well, in-house. The Practice As per the requirements the software development Cell designed and developed such a module for online exam and evaluation that it worked so very well also for the students with relatively poor internet connections. There were very few cases reported by the students in which they faced any problem of great magnitude. Not only that the in-house software development cell also ensures smooth conduction of classes through auto-generation of classroom IDs, a day before, for all the classes being run in the entire university and being integrated with the app of the university it reaches to all the students and faculty. Almost everything has been digited in the university by the cell. The modules developed for IQAC were also very helpful in accessing essential files and records of concerned departments and internal IQAC inspection could also be conducted because of such facility. As mentioned already the university could conduct almost every routine business online because of this in-house cell. Every emergent situation in these uncertain time was mapped with a certain solution, as far as the working not-from-office stuff was concerned. As mentioned already the university could conduct almost every routine business online because of this in-house cell. Every emergent situation in these uncertain time was mapped with a certain solution, as far as the working not-from-office stuff was concerned..

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.gla.ac.in

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Placement of the students in the industry has always been the primary vision and mission of the university. The university has successfully placed roughly 75 students in various companies consistently maintaining the rate of recruitment of last session. The training and placement department of the university has always been instrumental in the placement activities. But job is not the only priority with which the university is concerned. The university always tries to bring out the best out of the students and make them responsible human beings with bright minds. The job atmosphere of the country and world is ever so competitive and complex. In this scenario students have to stand out and prove themselves to be the best. So, the university gives them practical exposure by sending them to industries to have first hand experience before they actually start working. University organizes many workshops, seminars, conferences, guest lectures, webinars, industry visits or send students outside to such events so that they meet and see people all over the world and understand the real world of professionals and their perception doesn't remain limited to the tiny world of campus life. Students are offered up to five opportunities to select their career by more than two hundred companies who visit the university per year. University has a separate programme named Placement Ready Enhancement Program (PREP) specifically aimed

to make students strong in verbal, numerical, logical, and analytical skills so that they can easily tackle difficult situations in the interview on or off campus.

Provide the weblink of the institution
https://www.gla.ac.in/

8.Future Plans of Actions for Next Academic Year

GLA University has reached many heights since its birth and it has never settled down. In its tireless effort to reach perfection the university has numerous plans for the future. University wants to attract more quality faculty members that is to appoint majority of faculty with doctoral degrees and it plans to attract international faculty members and students to enhance the quality of research in emerging areas. The market and job space ever evolving and dynamic. To fulfil new needs the university will revise and introduce new courses. We also want to make learning more student-centered and make those students more skilled in communication who have deep knowledge and understanding but cannot convey themselves properly. GLA University has good infrastructure in comparison to many, nevertheless, the administration wants to improve the infrastructure of the university, therefore, making it truly world-class with best-in-class laboratories, enriched library etc. The university has witnessed the effects of pandemic and lockdown and learned a few valuable lessons. After successfully running online classes, now, it has plans to offer effective online courses and make the name GLA University popular world-wide. Giving students more realistic exposure in industries the university will increase the number of quality placements. Teachers are indispensable part of the university and the university wants to give them the right opportunity to not only be good in the classroom but also good at research through teamwork and assignments. Other than teachers and students the university has more than seven hundred non-teaching staff who keeps the university alive. The university wants to recruit more quality non-teaching staff in future and put more focus on the all-round development of those who already working here.