



# **SELF STUDY REPORT**

**FOR**

**1<sup>st</sup> CYCLE OF ACCREDITATION**

**GNA UNIVERSITY**

**SRI HARGOBINDGARH, PHAGWARA HOSHIARPUR ROAD  
144401**

**[www.gnauniversity.edu.in](http://www.gnauniversity.edu.in)**

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**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**July 2021**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

GNA University was established in the year 2014, by the Punjab State Legislature under "*GNA University Act 2014*". It is a private university with the right to confer degrees as per the Sections 2(f) of the UGC Act, 1956. The University established under the aegis of S. Amar Singh Educational Charitable Trust is offering multi-disciplinary programs in Animation & Multimedia/Engineering/Computer Applications/Hospitality/Business/Natural Sciences/ Applied Health Sciences and Physical Education. The lush green Campus of the University is located on the Phagwara Hoshiarpur Road, Phagwara. The campus is spread over 50 acres of land. Within a short span of six years the GNA University has taken big strides to encompass a good variety of innovative and market-friendly academic programs and activities of social welfare. They are enumerated as follows:

- The University has registered Technology Business Incubator
- The University has registered Alumni Association with the name GNA Alumni Community
- The University has IPR Cell which has facilitated filing of 8 patents
- The Times of India has awarded The Times Edupreneurs Award for Excellence in educational sphere
- Awarded with University of the Year-2020 for Enhancing Employability Award by the Academic Insights
- Best Emerging University Award by the Globe Premium Awards
- Awarded with the Best Emerging University award by Worldwide Achievers
- The University has Pearson Vue Testing Centre for online tests to be taken by the students for the globally recognised certifications
- Established 10 Industry collaborated labs at GNA University
- To encourage girl child and her education, minimum 15% scholarship is awarded to the only girl child
- Recorded 7 records in Limca Book of records
- GNA University IIC under the flag of Ministry of Human Resource Development earned 4.5 stars for the year 2020

To bridge the gap between industry and academia students are trained on technologies which are in demand. GNA University has collaborated with big corporates like Bosch, Siemens, Autodesk, Festo, Stratasys, Dassaults Systems, Amazon Web Services, Palo Alto, Red Hat, Microchip for the technical content and practical exposure. We have collaboration with the GNA Aviation wing where students of Aerospace Engineering get hands-on training in a DGCA approved workshop.

### Vision

To be recognised as an institution with focus on technical skills, innovation and entrepreneurship by providing a dynamic learning environment to the future leaders.

### Mission

- Providing state of the art infrastructure, ideal environment for application based learning, research, working on industrial problems which are relevant to the society
- Offering programs in consonance with the industry requirement
- Ensuring and encouraging learning by practice
- Designing curriculum to match the industrial needs, global standard and societal aspirations
- Establish and enhance strategic relationship with the corporates
- Contributing towards the development of the sustainable society with community activities and awareness programs on health, hygiene, women empowerment, conservation of energy and protection of environment

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- **Qualified and dedicated faculty** : GNA University has well qualified faculty members who are trained on emerging technologies and new emerging areas to teach the student as per the industry requirement
- **Choice Based Credit System as per UGC guidelines**: In all Undergraduate and Postgraduate Programs, choice-based credit system is followed
- **Transparent admission process**: All the students are recruited through an online admission process where students apply, counselled and then admitted. The reservation policy of the government is also followed to ensure fair allocation of seats to all the strata of students who apply for admission in GNA University
- **Regular revision of the syllabus**: Curriculum content is revised every year to meet the industry needs
- **Effective Teaching learning processes with ICT enabled classrooms**
- **Nurturing research culture**: The process of applying for research grants at GNA University is easy and transparent to encourage the innovative minds. GNA University Technology Business Incubator is established. Pre-incubation and incubation spaces are enabling students with ample opportunities.
- **Strong Industry connect**: GNA University is closely working with the industry to identify their needs and making the students ready accordingly. Students get training opportunities for their in-industry experience. For the practical exposure on different modules, students visit industry for a short period of 10 days during the semester.
- **Automated Examination and Evaluation System**: GNA University has a fully automated examination system for various activities involved from applying for exam, generation of admit cards, seating plan, and final evaluation and declaration of results.
- **Mentor Mentee System is followed to cater to the personal problems of the students and also to monitor the progress of the student in the University**
- **Culture of Peer Learning**
- **24 by 7 library facility**
- **Application Based Learning**
- **Regular Intra Faculty FDPS are conducted to ensure the upgradation of teaching skills of the faculty members**
- **Corporate Relations Department** works on the soft skills and other life skills for the placement of the students. GNA University has an excellent placement record of providing global opportunities to the students.
- **Spacious campus for future expansion and development**

### **Institutional Weakness**

- Limited access to Government funding
- Revenue Generation through consultancy needs to be enhanced by strengthening more the relationship with local MSMEs
- Limited research output

### **Institutional Opportunity**

- Providing global opportunities at an affordable cost
- Providing solution to the industrial problems
- Adopted five villages surrounding the University and engaging them with different educational, social and awareness activities
- Creating research centre for promoting research and innovation
- Inculcating young minds with ethics and value-based education
- Limited number of international students in campus
- Joint research with industry

### **Institutional Challenge**

- Recruitment of PhD faculty in technical programs like Animation and Multimedia
- Filing patent becomes challenging because only viable proposals get this benefit
- Resource mobilization for the sustainable growth of university

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

Preparing students to face every challenge with a chin up is a part of our curriculum. Outcome Based Education is the core of the course structures. Ever changing industrial micro and macro environment need innovative initiatives at all the programs at undergraduate and postgraduate level from local to global level. Recent Pandemic has raised the needs of qualitative e-learning to make students well-versed in every field. By keeping the New Education Policy in the mind the Statutory bodies reworked on the curriculum to provide core and essential knowledge by reducing the syllabus.

Courses are designed by considering the global sustainability in the mind. The content brings new possibilities in the field of Business Studies, Engineering, Healthcare, Information and Technology, Hospitality, Natural Sciences. More focus is there on Cloud Computing, Artificial Intelligence, Big Data, Cyber Security, Data Science etc. in the field of reviving engineering.

The curriculum of all the programs are updated regularly eg.

- Emerging technologies like blockchain, cloud computing, machine learning and IOT.
- MOOC and NPTEL certifications to transmit innovative and critical thinking to engineering.

- Special Awareness of GU- Innovation and Entrepreneurship Policy aligned with National Innovation and Start-Up Policy (NISP).
- Global certifications in several areas such as IT, engineering and management in partnership with foreign universities

It is always ensured that the course content is developed based on program objectives and outcomes. The outcome of the program is well defined and elaborates the skills provided to students to make them ready to satisfy the global needs at every stage.

The University incorporates flexible and inventive credit-based courses and projects in the field of Community milieu, Environment education and value-based education for the comprehensive and multidisciplinary education.

### **Teaching-learning and Evaluation**

Student centric teaching-learning pedagogies have been adequately adopted by all faculties to cater to the learning aspirations of students.

Students learn through experiential, participative and problem solving approaches.

GNA University being an industry led University encourages its teaching and non-teaching members for the use of ICT enabled tools including online resources for effective teaching and learning process. All the faculty members are tech savvy and use these tools for teaching the students. All the classes have projectors with LAN facility available. Meeting rooms have the facility of video conferencing. Teaching staff uses the BlackBoard as their Learning Management System. All the assignments are taken online. To use the technology efficiently, training programs are often arranged for the teaching and non-teaching staff. At GNA University, there is a leased line for the internet with 600 MB bandwidth

GNA University uses the Information Technology (IT) enabled systems which are fully secured and fool proof examination system. We have a fully automated examination system which meets the need of students and others. During the COVID-19 crisis, all the examinations work were conducted online and the faculty and staff adopted the technology on a very fast pace. All the tasks of examination like preparing examination date sheet, seating plan, data-entry of internal and external marks, evaluating and assigning grades, calculation of SGPA and CGPA is done by the software itself with data inputs.

### **Research, Innovations and Extension**

The Research Policy award faculty with monetary benefits and leave benefits for research publications in well reputed, UGC Care/ Scopus indexed Journals and grants for attending the conferences/ seminars/workshops/FDPs/filing patents/travel grants etc. University provide seed money to its teachers for accomplishing research projects and encourages staff to pursue research by providing Career Enhancement Leaves. “GNA journal of Management and Technology” motivate Research Publications in Sciences, Management,

Engineering and Social Sciences from research scholars and academicians. University departments conduct various Seminars/ Workshops/ Conferences from time to time. University have established its own Central Instrumentation Centre and various databases have been purchased to promote research projects. GNA University has its own ecosystem to promote and support the innovation, entrepreneurship and Intellectual Property Rights (IPRs). This ecosystem includes various technical clubs and societies, Centre for Innovation (GU-CI), GU-Institution Innovation Council (GU-IIC) and GNA University's Technology Business Incubator (GU-TBI) and various national level clubs. GNA University has established the Institution Innovation Council (GU-IIC) under the flagship of MHRD Innovation Cell in 2018. GU-IIC has awarded the 4 star, 4.5 star for its activities related to innovation, IPR and Entrepreneurship for the academic year 2018-2019, 2019-2020 respectively. GU-Technology Business Incubation (GU-TBI) has been established to help entrepreneurs realize their dreams through a range of infrastructure, business advisory, mentoring, and financial services. The faculty members are contributing through quality publications in Journals, conferences and book chapters. The Consultancy Policy has been approved in 2019 to motivate the Research environment in the University. The University has established strong links with the various MSMEs of the region and till now 19 Consultancy projects with an amount of INR 249361 have been completed by our students under the professional guidance of their respective teachers in the last five years. University has created a number of platforms like National Service Scheme (NSS), National Cadet Corps (NCC) wing in which students voluntarily participate in community based activities.

### **Infrastructure and Learning Resources**

Since inception, the University has kept pace with growing demands of the teaching-learning resources in the campus. Keeping in mind the academic needs, the institution has made adequate efforts to create and upgrade the facilities from time to time. It has generated the required infrastructural facilities to support the smooth running of teaching - learning activities in its premises. The academic session is framed in such a way so that the classrooms and laboratories are well occupied from morning till evening, ensuring the optimum utilization of the resources. Regular campus activities ensure that our auditoriums and activity areas are utilized around the year.

The University has laboratories with latest equipment and apparatus. All the classrooms and laboratories are ICT enabled. There are 545 computers and 12 university laptops for students and faculty; along with faculty own 100 laptops; University has a number of computer centres with high configuration systems (Intel i3, i5 & i7) and internet with printing facility. The Science departments have a number of laboratories with incubation facilities, deep freezers, laminar air flow facility, fermenter, refrigerated centrifuge, animal and plant cell culture equipment, rotary evaporator, PCR, orbital shaking incubator etc. University also has Herbal organic Garden to support hospitality department.

University is fully Wi-Fi enabled since inception, Its Internet Bandwidth is 600 mbps. Wi-Fi network connectivity is available in all the academic and administrative areas, library, faculty cabins and hostels. Scanning and photocopying facilities are available in the library and within the whole campus.

The University aims at holistic development of its students. The indoor and outdoor sports and games facilities

are provided to both girls and boys. Students participate in Inter-Institute, Inter-University competitions. University organizes different cultural activities like Freshers Day, Talent Hunt function, Yoga Day and various festivals in which students explore their talent and creativity. University provides fee concessions to deserving sportspersons. GNA University has 8 **cultural clubs/technical societies**. University has one unit of **National Service Scheme (NSS)** & one unit of National Cadet Corps (NCC).

### **Student Support and Progression**

GNA University provides various financial to students interested to take admission in university from all walks of life. This point is critical to the reference of philosophy of university to ensure education for every potential student. This covers both offerings i.e., Institutional scholarships given to students on the base of merit and scholarships sponsored by various public schemes and support of non-government organizations.

Enough opportunities are provided to the students where they can plan, develop, and achieve their career milestones. This covers trainings like aptitude training for placements and further exams. Students are provided with value added courses and professional grooming sessions.

To ensure a healthy and safe learning environment for best career decisions. University has been instrumental in constituting various committees with help of faculty and external support to ensure best environment for students like:

1. Anti-Ragging Committee
2. Discipline Committee
3. Student Grievance Committee
4. Prevention of Sexual Harassment Committee

GNA University Alumni Association plays an important role in helping to shape the future of the University by representing the views of its members and contribute to build an engaged and supportive alumni community. The functioning of Alumni Association called GNA Alumni Community (GAC) started since July 2019 and it got registered in the year 2021 under the societies Registration Act. The registration number of GAC is KPT/ARS/4005. A good number of alumni are occupying eminent positions and contribute to the further growth of their parent institution. There is no membership fee to be part of (GAC).

Career advancement phase of student's journey at GNA University. This covers majorly support for any entrance exam after their degree/course, Support for placement offered by university after the degree/course, Support for exploring options in higher studies in and outside India.

### **Governance, Leadership and Management**

The functioning of the institutional bodies is effective and efficient. The University has a clearly defined organizational hierarchy and structure to support decision making processes that are clear and consistent with its purposes and supports effective decision making. The organizational structure lends itself to sustaining institutional capacity and education effectiveness through involvement of stakeholders in various Committees/Boards. The Act and the statutes of the University provide for various Statutory Authorities of the University to

provide policy framework and direction for the functioning of the University and for fulfilment of its objectives.

- Governing Body – Apex body which gives vision and sets the path for future growth
- Board of Management – Board of Management is the second highest body of the university that oversees all the academic and administrative matters
- Academic Council
- Board of Studies
- Finance Committee
- The various Committees/ Boards as defined in the University Act.

The University practices decentralized and participative management approach in all its activities, initiatives and decision making by involving Deans, HoDs and faculty members at all levels. The Internal Quality Assurance Cell (IQAC), grievances redressal committee, prevention of sexual harassment committee, department-level academic affairs committee, maintenance committee or the like are there for successful operations and functioning. And bodies such as Doctoral Research Committee, Board of Studies, Faculty Council, Board of Management, and Governing Body ensure sufficient decentralization of governance are for the decentralisation of governance. These committees are in place to review the progress in various functions and accordingly take necessary timely action for ensuring excellence in respective areas.

The culture of participative management is promoted by the University and to advocate this university has a well laid down structure supported by qualified and competent teams. The administrative and academic responsibilities are decentralized to provide effective educational leadership for effective implementation & monitoring of various policies, regulations & guidelines at various levels.

**Administrative Policies give autonomy and flexibility along with responsibility to the key position holders in the University**

### **Institutional Values and Best Practices**

Students are sensitised towards keeping close to their core values. These core values are inculcated in students with various activities as **Trust and Team Work** is generated in them by putting them into certain project as during the GoKart students get a chance to work together as a team and learned to trust team mates. GUites understands the value of **Transparency** and practice it in its all doings as in Scrutiny of answer sheets complete transparency is being adopted. Students exhibit their core value of **Passion** in every event they participate be it an Inter-university event or Intra-departmental activity. In the events like Parliamentary debate and Declamation Competition they always use their **Freedom** to speech. Promoting and advocating these core values generates a sense of **Dignity** amongst students.

GNA University strongly believes in gender equality. It has been working constantly for facilitating a conducive environment for its female employees and students. Men and women are sensitized towards gender issues, and its boundaries that exist among colleagues and how such boundaries are crossed.



## **Best Practice- I**

### **Title of the Practice:** Involvement of Industry in Teaching Learning Process

To address the problem of employability because of gap in what educational institutions are delivering and what is the requirement of industry in terms of technical and soft skills, In 2016, GNA University has put in place the practice of involvement of industry professionals in all the key activities which contribute to the personality of the student.

## **Best Practices**

### **In-house Kitchen Garden**

With an aim to impart the skills regarding organic farming practice among the students of Faculty of Hospitality, an In-house kitchen garden has been maintained by the hospitality students. Since 2017, Volunteers of the kitchen club are taking care of the kitchen garden on rotational basis.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the University	
Name	GNA UNIVERSITY
Address	Sri Hargobindgarh, Phagwara Hoshiarpur Road
City	Phagwara
State	Punjab
Pin	144401
Website	<a href="http://www.gnauniversity.edu.in">www.gnauniversity.edu.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	V. K. Rattan	01824-504902	9915355555	01824-504913	naac@gnauniversity.edu.in
IQAC / CIQA coordinator	Monika Hanspal	01824-504909	8558894201	01824-	iqac@gnauniversity.edu.in

Nature of University	
Nature of University	State Private University

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	21-08-2014
Status Prior to Establishment, If applicable	

<b>Recognition Details</b>		
<b>Date of Recognition as a University by UGC or Any Other National Agency :</b>		
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>
2f of UGC	23-04-2019	<a href="#">View Document</a>
12B of UGC		

<b>University with Potential for Excellence</b>	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

<b>Location, Area and Activity of Campus</b>							
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>	<b>Programmes Offered</b>	<b>Date of Establishment</b>	<b>Date of Recognition by UGC/MHRD</b>
Main campus	Sri Hargobindgarh, Phagwara Hoshiarpur Road	Rural	50	29269.75	Under Graduate, Post Graduate and Doctoral		

## 2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)	: No
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#### Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	10				44				131			
Recruited	5	0	0	5	11	4	0	15	75	50	0	125
Yet to Recruit	5				29				6			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				72
Recruited	34	38	0	72
Yet to Recruit				0
On Contract	0	0	0	0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned				20
Recruited	18	0	0	18
Yet to Recruit				2
On Contract	0	0	0	0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	0	0	6	4	0	5	1	0	20
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	1	0	0	5	0	0	69	49	0	124

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

**Distinguished Academicians Appointed As**

	Male	Female	Others	Total
Emeritus Professor	1	0	0	1
Adjunct Professor	16	2	0	18
Visiting Professor	0	0	0	0

**Chairs Instituted by the University**

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	FLA	Not Established	Not Established

**Provide the Following Details of Students Enrolled in the University During the Current Academic Year**

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
Certificate / Awareness	Male	3	0	0	0	3
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Diploma	Male	62	0	0	0	62
	Female	18	0	0	0	18
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	32	19	0	0	51
	Female	24	5	0	0	29
	Others	0	0	0	0	0
PG	Male	50	8	0	0	58
	Female	71	4	0	0	75
	Others	0	0	0	0	0
UG	Male	833	237	0	4	1074
	Female	580	28	0	0	608
	Others	0	0	0	0	0

<b>Does the University offer any Integrated Programmes?</b>	No
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#### Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	Nil
Number of UGC Orientation Programmes	0
Number of UGC Refresher Course	0
Number of University's own Programmes	0
Total Number of Programmes Conducted (last five years)	0

## 2.3 EVALUATIVE REPORT OF THE DEPARTMENTS

<b>Department Name</b>	<b>Upload Report</b>
Faculty Of Animation And Multimedia	<a href="#">View Document</a>
Faculty Of Applied Health Sciences	<a href="#">View Document</a>
Faculty Of Computational Science	<a href="#">View Document</a>
Faculty Of Engineering Design And Automation	<a href="#">View Document</a>
Faculty Of Hospitality	<a href="#">View Document</a>
Faculty Of Liberal Arts	<a href="#">View Document</a>
Faculty Of Natural Sciences	<a href="#">View Document</a>
Faculty Of Physical Education And Sports	<a href="#">View Document</a>
Gna Business School	<a href="#">View Document</a>



## Extended Profile

### 1 Program

#### 1.1

##### Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
36	37	36	41	27
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 1.2

##### Number of departments offering academic programmes

Response: 18

### 2 Students

#### 2.1

##### Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2115	2472	2900	2230	1305
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

#### 2.2

##### Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
456	665	604	158	
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

## 2.3

### Number of students appeared in the University examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1910	2160	2421	2007	1111
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

## 2.4

### Number of revaluation applications year-wise during the last 5 years

2019-20	2018-19	2017-18	2016-17	2015-16
2	4	1	1	1

## 3 Teachers

### 3.1

#### Number of courses in all programs year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
915	920	413	376	157
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 3.2

#### Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
145	152	158	141	92
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

### 3.3

**Number of sanctioned posts year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
184	200	202	150	74
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4 Institution****4.1****Number of eligible applications received for admissions to all the programs year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1282	973	2137	1523	1250
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.2****Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
399	385	437	481	406
File Description		Document		
Institutional data in prescribed format		<a href="#">View Document</a>		

**4.3****Total number of classrooms and seminar halls****Response: 68****4.4****Total number of computers in the campus for academic purpose****Response: 487**

## 4.5

**Total Expenditure excluding salary year-wise during last five years ( INR in Lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
1956.39	1946.13	2050.01	1453.64	789.54

NAAC

## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curriculum Design and Development

**1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the Institution.**

**Response:**

Preparing students to face every challenge with a chin up is a part of our curriculum. Outcome Based Education is the core of the course structures. Ever changing industrial micro and macro environment need innovative initiatives at all the programs at undergraduate and postgraduate level from local to global level. Recent Pandemic has raised the needs of qualitative e-learning to make students well-versed in every field. By keeping the New Education Policy in the mind the Statutory bodies reworked on the curriculum to provide core and essential knowledge by reducing the syllabus.

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In the era of Industry revolution 4.0, regional and local relevance needed a trained workforce to manage resources effectively and efficiently. Auto-parts manufacturing units are spread over the whole state and most of them manufacture components required in the global market. The courses in Design, CAD-CAM, Robotics and Automation have been scaling with the role of technology. In order to meet the requirements of Local Industry, we have Mechanical and Automation Engineering with course contents which fulfill their objective demands. The University also offers Film Studies, Animation and Multi-media, Mass Communication, Travel and Tourism, Physiotherapy etc. to address the diverse local and national needs.

The current global goal is to mitigate or suppress the burden of Corona Virus Disease (COVID-19), therefore, the Medical Laboratory Technology program is introduced that is concerned with the treatment, diagnosis and prevention of disease through the use of clinical laboratory tests.

Academia –industry linkage has aptly used while designing the course content which helps to produce the desired outcome to act in accordance with the needs of global industry. Periodical reviews are there to ensure the course objectives. Students are not only get an acumen in their core areas rather a focus is also there on logical reasoning, communication skills, gender equality, environment awareness, women's empowerment etc.

The curriculum of all the programs are updated regularly eg.

- Emerging technologies like blockchain, cloud computing, machine learning and IOT.
- MOOC and NPTEL certifications to transmit innovative and critical thinking to engineering.

- Special Awareness of GU- Innovation and Entrepreneurship Policy aligned with National Innovation and Start-Up Policy (NISP).
- Global certifications in several areas such as IT, engineering and management in partnership with foreign universities

It is always ensured that the course content is developed based on program objectives and outcomes. The outcome of the program is well defined and elaborates the skills provided to students to make them ready to satisfy the global needs at every stage.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Link for Additional information	<a href="#">View Document</a>

### 1.1.2 Percentage of Programmes where syllabus revision was carried out during the last five years.

**Response:** 77.5

#### 1.1.2.1 How many Programmes were revised out of total number of Programmes offered during the last five years

Response: 31

#### 1.1.2.2 Number of all Programmes offered by the institution during the last five years.

Response: 40

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Details of Programme syllabus revision in last 5 years	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

### 1.1.3 Average percentage of courses having focus on employability/ entrepreneurship/ skill development offered by the institution during the last five years

**Response:** 60.95

1.1.3.1 Number of courses having focus on employability/ entrepreneurship/ skill development year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
336	296	261	254	165

File Description	Document
Programme/ Curriculum/ Syllabus of the courses	<a href="#">View Document</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View Document</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

**1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years.**

**Response:** 56.02

**1.2.1.1 How many new courses were introduced within the last five years.**

**Response:** 1558

**1.2.1.2 Number of courses offered by the institution across all programmes during the last five years.**

**Response:** 2781

File Description	Document
Minutes of relevant Academic Council/BOS meeting	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**1.2.2 Percentage of Programmes in which Choice Based Credit System (CBCS) / elective course system has been implemented (Data for the latest completed academic year).**

**Response:** 94.44

**1.2.2.1 Number of Programmes in which CBCS / Elective course system implemented.**

Response: 34

File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**1.3 Curriculum Enrichment****1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics ,Gender, Human Values ,Environment and Sustainability into the Curriculum****Response:**

The University incorporates flexible and inventive credit-based courses and projects in the field of Community milieu, Environment education and value-based education for the comprehensive and multidisciplinary education. The University has added core courses on the basis of converging issues and made them compulsory for all the UG programs of the University. Three courses namely (1)Women Empowerment, (2) Environment Studies(3)Human Values and Professional Ethics are partof the teaching scheme carrying 2, 2 and 3 credits respectively.

**University Core Courses****GWE-001 Gender Equality and Women Empowerment**

Gender Equality and Women Empowerment deals with the issues arise in the urbanized society due to gender discrimination. Gender inequality prevail many social evils and by providing education on gender equality helps in sustainable economical and social development, and reducing poverty. Specific issues such as health, poverty, education and social gender justice are aptly covered in this course.

**ENS-001 Environment Studies**

Environmental Studies deals with all those serious and important concerns such as air, water, soil and pollution. This course focuses to aware the students with adverse effects of global warming, depletion of Ozone layer, climate change and necessary measures to overcome these problems.

**UNHV-101 Understanding Human Values**

Human Values & Professional Ethics provides a comprehensive point of view towards life in the students. It focuses on the overall understanding of the human behaviour and ethical conduct in relation to society. This course covers Moral values, Social ethics, Social behaviour, social etiquette and social norms.

In addition to the above, students also study similar courses offered by various departments for an in depth knowledge.



**Departmental Core Courses****BMC-002 Constitution of India**

This course aims to equip the students with the fundamental rights, duties and directive principles of State policy.

**DIMA-101 Disaster Management**

Critical issues of humanity such as global warming, climate change, acid rain, ozone layer depletion lead to loss of human life and properties are discussed to actively participate in the disaster management along with the civil administration.

**BECS-101 Business Ethics & Corporate Responsibility**

The students will explore the challenges inherent in creating and leading organizations that perform well financially, environmentally and socially as well.

**BCE-602 Water Supply Engineering**

This course covers various water sources, water supply schemes, water distribution system and water treatment unit design.

**BCE-801 Energy Science and Engineering**

The subject is directly related to fundamentals of energy management and environmental problems.

**Specializations, Electives and Open Electives Courses****1. BCE-541 Hydrology and Water Resources Engineering**

The course covers water resources, components of water cycle and its importance.

**2. BCE-648 Industrial Waste Management**

The course includes various ways of pollution prevention methods employed in Industries.

**3. BCE-842 Waste Water Engineering**

This course is focused towards the understanding of rural water supply, rural sanitation programmes in India.

**4. SETR-201 Sewerage and Sewage Treatment**

This course covers various sewage treatments through different type of sectors & factors.

File Description	Document
Upload the list and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years.

Response: 7

#### 1.3.2.1 How many new value-added courses are added within the last five years.

Response: 7

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Brochure or any other document relating to value added courses	<a href="#">View Document</a>

### 1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above.

Response: 3.43

#### 1.3.3.1 Number of students enrolled in value-added courses imparting transferable and life skills offered year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
151	173	57	23	0

### 1.3.4 Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year).

Response: 30.4

#### 1.3.4.1 Number of students undertaking field projects or research projects or internships.

Response: 643

File Description	Document
List of Programmes and number of students undertaking field projects research projects/ / internships (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 1.4 Feedback System

<p><b>1.4.1 Structured feedback for design and review of syllabus – semester-wise / year-wise is received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni</b></p> <p><b>Response:</b> A. All 4 of the above</p>	
File Description	Document
URL for stakeholder feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Action taken report of the University on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View Document</a>

<p><b>1.4.2 Feedback processes of the institution may be classified as follows:</b></p> <p><b>Response:</b> A. Feedback collected, analysed and action taken and feedback available on website</p>	
File Description	Document
URL for feedback report	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Demand Ratio (Average of last five years)

**Response:** 1.07

##### 2.1.1.1 Number of seats available year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
1138	1100	1454	1602	1352

#### File Description

#### Document

Demand Ratio (Average of Last five years) based on Data Template upload the document

[View Document](#)

• Any additional information

[View Document](#)

#### 2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the last five years (Excluding Supernumerary Seats)

**Response:** 122.12

##### 2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
357	346	626	748	538

#### File Description

#### Document

Average percentage of seats filled against seats reserved (Data Template)

[View Document](#)

Any additional information

[View Document](#)

### 2.2 Catering to Student Diversity

#### 2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

**Response:**

GNA University conducts orientation and induction program for the students at the beginning of the program for the new group each year. The program would assist students with getting acquainted with the University, curricular and co-curricular activities, offices, rules, regulations, policies and procedures etc. Before the commencement of the classes, the requirements of the students are assessed, identified and addressed to make their journey of learning smoother. Every year students are given a training on communication skills, personality development, and time management.

To enhance the aptitude of students in their respective field and in order to motivate both the slow and quick learners, various faculty wise workshops are organized. IT club arrange workshops with hands-on session to improve students programming skills.

**STRATEGIES FOR THE ADVANCED LEARNERS:**

- *Internal assessment, University examination and participation of students* in classroom are used to identify High performing students.
- Students are stimulated to be the associates of professional bodies like ISTE and CSI and arrange technical events.
- Reference works are suggested to the advance learners for challenging reading and advanced knowledge.
- Various club activities are conducted by all the departments in the respective areas to mould the students in corresponding field.
- Students are encouraged to join and take NPTEL sessions.
- Students are encouraged to take up industry related projects to inculcate research orientation and practical awareness.
- University rank holders are encouraged with certificates and medals.

**Steps to encourage bright student**

- Meet toppers on regular basis and counsel them
- Special classes whenever required
- Extra lab sessions
- Additional library books

**STRATEGIES FOR THE SLOW LEARNERS:**

- GNA University provides a vigorous student academic counselling process. During the time of admission Dean and Head of the Department interacts with the parents and the student to assess their need and aspirations.
- At GNA University, we encourage Mentor-Mentee program under which a set of 20 students are assigned to a faculty as mentor and mentors takes care of personal and academic care of the student is taken care of by the corresponding mentor.
- The institute has a system to communicate performance and attendance of students to parents regularly.
- Mentors communicate regularly with the parents and also send them SMS along with the letters stating progress of the students after the completion of each Mid Semester Test.
- Care is taken by faculty in monitoring the performance of slow learners. Faculty members do

periodic interaction with parents about the performance of slow learners.

- Respective faculties conduct remedial classes for the weak students, provide course notes to the students especially to the slow learners and those students.
- Special classes are provided to them whenever required

### Steps to bring improvement in slow learners

- Special classes and tutorials are conducted
- Regularly counselled by mentor and class anchor for the result improvement.
- Attendance and marks are monitored.
- Additional Test given
- Assignments are given

File Description	Document
Upload Any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

### 2.2.2 Student - Full time teacher ratio (Data for the latest completed academic year)

**Response:** 15:1

File Description	Document
Any additional information	<a href="#">View Document</a>

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Response:**

Student centric teaching-learning pedagogies have been adequately adopted by all faculties to cater to the learning aspirations of students.

Theory with practical application is the main focus on which the pedagogical approaches of GNA depend. The teaching methods adopted by the University are very innovative including maximum practical exposure and are dynamic enough to motivate the students participate in them with full enthusiasm and enable higher retention of the course content, thus making the programs overall more effective. Every course has well defined learning outcomes which are achieved by involving the students in practical where

the faculty members collaboratively work towards a single goal of imparting quality education to the students and inculcating in them the desired skill set and knowledge required by the industry.

## Experiential Learning

Reflection is an important part of experiential learning as it 'rolls experience into learning'. At GNA University, students examine and analyse the real time scenarios through conventional and ICT based teaching methods – involving role plays, observation of proficient practitioner, mentoring . The students get to apply their learning, realize its relevance and gain appreciation for the nuances of the subject. Projects and internship are the part of part of curriculum

- **Participation in national and international competitions:** For Real time exposure students are encouraged to participate at National and International Level
- **Field & Industrial Visits** Faculty identifies and propose academically significant field visits and surveys. GNA University organize the industrial visits for students to provide exposure to industrial work culture.
- **Project work**
  - Project work is organized in two phases: Mini project and Major Projects this is an essential element of each program.
  - Internship or Field Projects in industry
- Role Playing, Mock Skits / Trials, Simulation Learning by Doing exercises, gaming, are teaching pedagogies followed in the classes

## Participative Learning

GNA University encourages the participative learning in various impactful ways:

- **Workshops, Seminars, Guest Lectures and Extension Lectures** Workshops, Seminars, Guest Lectures and Extension Lectures are conducted on all topics to provide a platform for deliberation and knowledge sharing.
- **Group Discussions** Group discussions are conducted by teachers. During this activity, the students are expected to well prepare the topic, to abide by the norms during the discussion and also to respond to the feedback with a more logical and assertive approach.
- **Small Group Activities** A variety of group activities are performed with an aim to create an urge for collaboration, to find I win- you win type of solutions to problems rather than I win- you lose type.

## Problem solving Methodology

- **Case studies** Case study method is adopted in teaching learning process to make the students have logical thinking and practical knowledge to develop problem solving ability.
- **Research Activities** Research activities are conducted in each faculty under the guidance of senior faculty where the students of different semester get knowledge about emerging area and help them to promote in Research aptitude.
- The annual results have improved because of the enhanced learning experiences through these

diverse learning modes

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process.

#### Response:

GNA University being an industry led University encourages it's teaching and non-teaching members for the use of ICT enabled tools including online resources for effective teaching and learning process. All the faculty members are tech savvy and use these tools for teaching the students. All the classes have projectors with LAN facility available. Meeting rooms have the facility of video conferencing. Teaching staff uses the BlackBoard as their Learning Management System. All the assignments are taken online. To use the technology efficiently, training programs are often arranged for the teaching and non-teaching staff. At GNA University, there is a leased line for the internet with 600 MB bandwidth. We have Public Address System and faculty members along with students use Wi-Fi, LAN connected systems. The laboratories, seminar halls, conference rooms, board rooms are well equipped with the ICT facilities. Library of GNA University offers wide range of e. resources. We got the subscription of J-Gate for Social and Management Science, J-Gate Engineering and Technology, Delnet, e. books by McGrawHill and we are also member of National Digital Library. We are also registered with e. shodhsindhu.

Students are encouraged to use the various open source dictionaries at GNA University : <https://www.onelook.com/> , <https://www.merriam-webster.com/>

Various open access journals are being used by GNA University: <https://www.doaj.org/> , <https://www.ias.ac.in/> , <http://nopr.niscair.res.in/> , <https://authorservices.wiley.com/open-research/open-access/index.html>

Various open access books and libraries which are used by GNA University :

<https://doabooks.org/> , <http://vlib.org/> , <https://www.oapen.org/home> , <http://www.oalib.com/>, <https://openknowledge.worldbank.org/community-list> , <https://www.pdfdrive.com/>, <https://www.intechopen.com/books>

We have media room for the development of e. content by the faculty. Faculty of GNA University has developed content for the students of GNA University which has been uploaded on the LMS of GNA University All the recorded lectures are always remain at LMS of GNA University for the future reference of the student. After one semester when the students are promoted, all the recorded lectures are kept on the cloud based server and are properly archived. General ICT tools used by the faculty of GNA University are: Desktop, laptop, projectors, digital cameras, printers, xerox machines, tablets, pen drives, iPad, scanners, microphones, DVDs, etc. All the campus of GNA University is under the surveillance of CCTV



to ensure safety of the faculty members, students and other staff of the University. At GNA University, we also have the community radio which helps the students in exploring the avenues in various forms. Community Radio is installed to reach the local community by covering local events, issue of concerns and addressing the local problems of the community, airing the success stories of leading personalities of the community, motivating the upcoming talent and imparting them appropriate, training for participation in content development , persuading the local experts available in the community through personal contacts and many other ways. Community radio covers the radius of 15 km.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year )

**Response:** 15:1

#### 2.3.3.1 Number of mentors

Response: 145

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	<a href="#">View Document</a>
mentor/mentee ratio	<a href="#">View Document</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 90.27

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with Ph.D./D.M/M.Ch./D.N.B

**Superspeciality/D.Sc./D’Lit. year-wise during the last five years****Response:** 11.44**2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
19	14	16	15	13

**File Description****Document**

List of number of full time teachers with Ph D/D M/M Ch/D N B Superspeciality/DSc/D Lit and number of full time teachers for 5 years

[View Document](#)

Any additional information

[View Document](#)**2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)****Response:** 4.7**2.4.3.1 Total experience of full-time teachers**

Response: 682

**File Description****Document**

List of Teachers including their PAN, designation, dept and experience details

[View Document](#)

Any additional information

[View Document](#)**2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the last five years****Response:** 24.71**2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government/Govt. recognized bodies year wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
17	5	9	3	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Average number of days from the date of last semester-end/ year- end examination till the declaration of results year-wise during the last five years

**Response:** 49.93

#### 2.5.1.1 Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
38.57	49.27	39.05	45.50	77.27

File Description	Document
List of Programmes and date of last semester and date of declaration of results	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.5.2 Average percentage of student complaints/grievances about evaluation against total number appeared in the examinations during the last five years

**Response:** 0.07

#### 2.5.2.1 Number of complaints/grievances about evaluation year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2	3	1	1	0

File Description	Document
Number of complaints and total number of students appeared year wise	<a href="#">View Document</a>

### 2.5.3 IT integration and reforms in the examination procedures and processes (continuous internal

**assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution**

**Response:**

GNA University uses the Information Technology (IT) enabled systems which are fully secured and fool proof examination system. We have a fully automated examination system which meets the need of students and others. During the COVID-19 crisis, all the examinations work were conducted online and the faculty and staff adopted the technology on a very fast pace.

**IT Integrated Examination System**

All the tasks of examination like preparing examination date sheet, seating plan, data-entry of internal and external marks, evaluating and assigning grades, calculation of SGPA and CGPA is done by the software itself with data inputs.

**Specific feature:**

- To view and approve assessment applications from students and generate and publish hall tickets to students using IT enabled software system.
- Facility of generating hall ticket
- Facility of Generation of gazette notification is also available in the system
- SMS Alerts are sent to the students for their exam related activities. They are informed on email for their login id with pass keys and also they can see their date sheet online. All the exams gets activated 10 minutes before the start of exam.
- Post exam activities like generation of grade cards, degree certificates, transcripts, backlog certificates, University gazette notifications, etc. have also been automated. this has reduced the time gap between the result declaration and issue of grade cards.
- Placement agencies take all exams on online platforms, we at GNA University has also introduced online exams as one of the component in the Continuous Assessment Scheme which are taken on the platforms like ThinkExam, AON Cocubes because all placement agencies takes test on online platforms

**Outcomes of Introducing the Automation in Examination System**

- Students can generate their admit cards online
- Seating plan is available in the Logins of students
- Date sheet is also available in the logins of the students
- Students can experience live proctoring by the invigilators
- They become more conscious and, in a way, preparing for the placement tests
- Evaluation gets quicker
- Gap of number of days between Last date of exams and result declaration have
- improved from 38 days in manual result preparation to 10 days in online system of examination
- Error free results are generated because of less number of manual processes
- The fully automated system has made the communication easy with students and their parents.
- The transcripts are automatically generated on the same day of the declaration of results.
- Students can download the transcripts from their logins
- Students can pay reappear fee online.

With online examinations becoming the new normal, **protecting the integrity of exam and exam data** are becoming key areas of concern too. IT enabled software that comes with **security features** so they could evaluate student performance confidently and provide timely remediation measures for improvement, now and beyond COVID.

- Protect the integrity of exams
- Share screen with the Proctor
- Auto-device lockdown
- Proctoring from plagiarism
- Auto-shuffling of questions
- Provide reliable and accurate student data
- Preparing exams with complete preparedness.
- Hassle-free exam scheduling

File Description	Document
Year wise number of applications, students and revaluation cases	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

#### 2.5.4 Status of automation of Examination division along with approved Examination Manual

**Response:** 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Document
Current manual of examination automation system and Annual reports of examination including the present status of automation	<a href="#">View Document</a>
Current Manual of examination automation system	<a href="#">View Document</a>
Annual reports of examination including the present status of automation	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents**

**Response:**

The University focuses on *Outcome Based Education* with the intended learning outcomes and imitates the attainment of high order learning rather than outdated education technique of direct training of elements and accretion of credits. Program outcomes (POs) of all the programs achieved through realization of course outcomes (COs). All the courses offered as part of various programs of various institutes of GNA University are aligned with the program outcomes and all programs are designed for taking *Outcome Based Education* as its basis. All course curriculums are carefully formulated with POs/PSOs and the COs are designed taking into account the feedback and requirements of all the stakeholders: industry, alumni, faculty and students. The feedback is instrumental in assessing the accomplishment of execution of curriculum as well as in keeping it relevant to current requirements and trends. The course outcomes are determined as per the content and objectives of the course within the program context. The course objectives are taken into account while conceiving the course outcomes. The program outcomes are formulated in consonance with the program objectives. The Program Specific Outcomes are then described outlining the competencies that will be delivered to students of the program. Program outcomes, program specific outcomes and course outcomes for all programs offered by the University are listed on the *University website* and shared with the students through '*Course Curriculum Handbook*' before commencing the course delivery. The relevance of POs and COs is shared and explained to the students during their *orientation/induction week* where dedicated faculty mentors deliberate these to the students assigned to them. With the understanding of POs and Cos in the induction week students become more goal oriented as these lead to shaping their future. The mentors ensure that all the students understand the outcomes and provide them with the necessary guidance to attain these outcomes.

The graduate attributes reflect the particular quality and skills of students, including the knowledge, attitudes and values that are expected to be acquired by a graduate through studies at the University. The GNA University has adopted the graduate attributes across all its academic programs, which gives the students a solid foundation in core concept and develop competency in accordance with the industry requirements. These attributes prepare the students to meet the global challenges and adaptable in accord with the changing needs of the industry. It also develops a personality in accordance with the ethos of a global citizen and inculcates life-long learning abilities which help students to outshine as global assets.

File Description	Document
Upload COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>

### **2.6.2 Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution**

#### **Response:**

The University has precisely defined all program outcomes, program specific outcomes and course outcomes for all programs. The curriculum in the University for all the programs are designed in a structured and well-formed process that involves participation of faculty, students, alumni and industry. It worked with outcome-based education mechanism to ensure the accomplishment of course outcome and program outcomes. The outcomes are appropriately mapped for testing and assessment of students so that PSOs are obtained through the competency mapping in terms of knowledge and skills. Predefining of these POs, PSOs and COs not only develop competency in students to be ready to meet global requirements but

also guide mentors to disseminate education in a way which make students industry ready.

The University has formulated a well-framed techniques of measuring assessments of POs, PSOs and COs. The COs attainment is identified by the course coordinator of each course. POs are calculated at department level for every program run by the department. All the courses being delivered in all the programs are classified into three categories based on their delivery and assessment - practical, theory and internship-based.

### **Method of measuring of POs, PSOs and COs**

Assignments, class discussions, mid semester tests, online quizzes, end semester examinations etc. are used for attaining the course outcomes. The university uses both direct and indirect techniques of assessment to ensure attainment of POs, PSOs and COs.

#### ***Direct Assessment Techniques***

- Internal Test
- Group discussion
- Laboratory performance
- Student projects
- Assignments
- Semester Test
- End term Theory Result

The score of this assessment is taken into account for evaluation of COs.

#### ***Indirect Assessment Methods***

- Feedbacks
- Alumni survey
- Co-curricular activities
- Extra-curricular activities

The Placement & Internship statistics also make and recommend the significance of offered courses to formulate an industry-ready manpower. Thus, the students' assortment through the placement progression is a technique of attainment of POs, PSOs and COs. The internships prepare the students up to the industry standards with including innumerable techniques and life skills. The Achievements of Alumni in a current industry environment in this digital age is also a significant technique of accomplishment of POs, PSOs and COs.

Three levels of achievements of course outcomes are defined

- Attainment Level 1 (Low Attainment) – If the percentage of students who has obtained marks equal or higher than threshold value is less than 60%
- Attainment Level 2 (Moderate Attainment) – If the percentage of students who has obtained marks equal or higher than 61%.
- Attainment Level 3 (Substantial Attainment) - If the percentage of students who has obtained marks equal or higher than 80%.

By adopting Outcome Based Learning, university ensures that if any COs attainment level is low, counteractive actions are taken to ensure that the attainment level gets improved in future valuations. *At the end of each academic semester*, attainment level of all courses is measured to determine the POs and PSOs attainments at the program level.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for Additional Information	<a href="#">View Document</a>

### 2.6.3 Pass Percentage of students(Data for the latest completed academic year)

**Response:** 66.67

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 456

2.6.3.2 Total number of final year students who appeared for the examination conducted by the Institution.

Response: 684

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Link fo any additional information	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

File Description	Document
Upload database of all currently enrolled students	<a href="#">View Document</a>



## Criterion 3 - Research, Innovations and Extension

### 3.1 Promotion of Research and Facilities

**3.1.1 The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented**

**Response:**

To promote excellence in education, Research at GNA University is promoted with a clear approach to bring quality in delivery of lectures and providing solutions to the problems that exist in the society. The University allocates budget to each academic unit in every session for investment and research expenditure. In addition to the above, the University supports, monitors and enhances the research efforts of faculty through various committees and policies. All the research policies are revised from time to time to promote future endeavours of the Research Scholars and Researchers.

Research Advisory Committee (RAC) provides overall guidance to boost the quality research as per university vision. Both internal and external experts of this committee ensure the implementation of research guidelines as per UGC norms.. Department Research committees (RAC) of various departments work closely with Research Advisory Committee to formally assesses the research programs. Institutional Ethics committee is approved by the Governing body and tackles various ethical issues related to environment, plagiarism and human values.

To encourage the research, University is providing financial assistance to the faculty members for pursuing Ph.D. program at university since 2016 and publishing research papers. The Research Policy and Consultancy Policy have been approved to motivate the Research environment in the University. As per guidelines in the Research policy, the faculty members are awarded with monetary benefits and leave benefits for research publications in UGC Care/ Scopus indexed Journals and grants for attending the conferences/ seminars/workshops/FDPs/filing patents etc. Travel grants to attend these are also provided as per norms. University also started providing seed money to its teachers with research projects in the year 2020 with the aim of promoting research and innovation amongst teachers. University also encourages staff to pursue research by providing Career Enhancement Leaves.

**Important Aspects**

- In 2016, University establishes its own department of Research Division to start research programs. The first batch of Ph.D. program started in the same year.
- University started own Journal to motivate Research Publications in 2019 which is known as “GNA journal of Management and Technology”. It seeks research articles from Sciences, Management, Engineering and Social Sciences from research scholars and academicians within and outside the University.
- University departments conduct various Seminars/ Workshops/ Conferences from time to time to encourage its faculty members and students for research participations.
- University have established its own Central Instrumentation Centre to provide basic instrument facilities. Various databases have been purchased to promote research projects.

File Description	Document
Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	<a href="#">View Document</a>
URL of Policy document on promotion of research uploaded on website	<a href="#">View Document</a>

### 3.1.2 The institution provides seed money to its teachers for research (average per year, INR in Lakhs)

Response: 0.78

#### 3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
3.9	0	0	0	0

File Description	Document
Minutes of the relevant bodies of the University	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.3 Percentage of teachers receiving national / international fellowship / financial support by various agencies for advanced studies / research during the last five years.

Response: 0

#### 3.1.3.1 The number of teachers who received national / international fellowship / financial support by various agencies for advanced studies / research year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows

enrolled in the institution during the last five years.

Response: 0

**3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

**3.1.5 Institution has the following facilities to support research**

1. Central Instrumentation Centre
2. Animal House/Green House
3. Museum
4. Media laboratory/Studios
5. Business Lab
6. Research/Statistical Databases
7. Mootcourt
8. Theatre
9. Art Gallery

Response: A. 4 or more of the above

File Description	Document
Upload the list of facilities provided by the university and their year of establishment	<a href="#">View Document</a>
Paste link of videos and geotagged photographs	<a href="#">View Document</a>

**3.1.6 Percentage of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies (Data for the latest completed academic year)**

Response: 11.11

**3.1.6.1 The Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other similar recognitions by national and international agencies.**

Response: 2

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-version of departmental recognition award letters	<a href="#">View Document</a>

### 3.2 Resource Mobilization for Research

**3.2.1 Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs).**

**Response:** 1.58

**3.2.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years (INR in Lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
0.39	1.19	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>

**3.2.2 Grants for research projects sponsored by the government agencies during the last five years (INR in Lakhs).**

**Response:** 0

**3.2.2.1 Total Grants for research projects sponsored by the government agencies year-wise during the last five years (INR in Lakhs).**

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the grant award letters for research projects sponsored by government	<a href="#">View Document</a>

### 3.2.3 Number of research projects per teacher funded by government and non-government agencies during the last five years

**Response:** 0

#### 3.2.3.1 Number of research projects funded by government and non-government agencies during the last five years.

#### 3.2.3.2 Number of full time teachers worked in the institution year-wise during the last five years..

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 3.3 Innovation Ecosystem

### 3.3.1 Institution has created an eco system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

**Response:**

GNA University has established an ecosystem to promote and support the innovation, entrepreneurship and Intellectual Property Rights (IPRs) among the students, staff and faculty. This ecosystem includes various technical clubs and societies, Centre for Innovation (GU-CI), GU-Institution Innovation Council (GU-IIC) and GNA University's Technology Business Incubator(GU-TBI) and various national level clubs.

#### The Ecosystem

The ecosystem established at GNA University to help students to learn, ideate, tinker their ideas to learn new skill. This ecosystem inculcates the spirit of innovation, start up and entrepreneurship among students/faculty/alumni. Details of the programs are below:

#### Centre for Innovation (GU-CI)

GU-CI aims to coordinate and leverage the standard of excellence fostering innovation, IPRs and entrepreneurship in a vibrant ecosystem incorporating of the research at the technology, a common platform for facilitating industrial interactions and pre-incubation in numerous sectors.

During **first Year**, GU-CI apart from academic schedule, extra schedule is devoted for the learning basic technologies. Evaluating innovative ideas at pre-incubation phase and handling over unique ideas to GU-

TBI for start-ups (If-Applicable).

In the **second year**, GU- CI promotes students who performed well in first phase to start-up culture. The action plan includes industrial visits, adopting nearby villages to solve their problems through technology, familiarizing them with various government polices like (Unnat Bharat Abhiyan/NITI Aayog etc.) for turning their Idea into reality.

The GU-CI ensures the proper functioning of various technical societies named as: Robotics Society, NAVIK Club, Builder Scoop, CODE Breakers, Digital Explorer, Brainacs, Science Club, Fine Arts Club and Environmental Conservation Society. The other objectives of GU-CI are:

- To plan, guide and execute all engineering projects, centrally at university level.
- To nurture the culture of working in a team
- To promote the culture of student driven activities
- To motivate and guide students and faculty to identify the IPRs at early stages of their innovations and facilitate them filling patents online.
- To motivate students to identify and file various copyright/trademark/trade secrets.
- To promote the culture of entrepreneurship and start-ups.

#### **GU-Institution Innovation Council (GU-IIC)**

GNA University has established the Institution Innovation Council (GU-IIC) under the flagship of MHRD Innovation Cell in 2018. GU-IIC has awarded the **4 star, 4.5 star** for its activities related to innovation, IPR and Entrepreneurship for the academic year 2018-2019, 2019-2020 respectively.

#### **GNA University's Technology Business Incubator(GU-TBI)**

GU-Technology Business Incubation (GU-TBI) has been established to help entrepreneurs realize their dreams through a range of infrastructure, business advisory, mentoring, and financial services. A great workspace, ample guidance from faculty & senior students, and the zeal and passion of the GU-TBI team makes GU-TBI a gifted asset for GNA University students.

#### **Impact of the Ecosystem:**

#### **Funding Allotment for Innovation and Entrepreneurship related programs and activates (Internal):**

- **2018-2019: Rs. 249977**
- **2019-2020: Rs. 324880**
- **2020-2021: Rs. 407525**

#### **Funding Allotment for Innovation and Entrepreneurship related programs and activates (External):**

- No. of Start-ups (Yet to be established) : 2
- No. of Patents Filled: 7
- No. of Patents Published: 2
- No. of Workshop/Webinars/Seminars related to Innovation, IPR, Entrepreneurship: 60+

File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 3.3.2 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development during the last five years.

Response: 168

#### 3.3.2.1 Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
60	43	27	28	10

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.3.3 Number of awards / recognitions received for research/innovations by the institution / teachers / research scholars / students during the last five years.

Response: 48

#### 3.3.3.1 Total number of awards / recognitions received for *research / innovations* won by institution / teachers / research scholars / students year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
10	12	11	11	4

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of award letters	<a href="#">View Document</a>

## 3.4 Research Publications and Awards

### 3.4.1 The Institution ensures implementation of its stated Code of Ethics for research through the

**following: 1. Inclusion of research ethics in the research methodology course work 2. Presence of Ethics committee 3. Plagiarism check through software 4. Research Advisory Committee**

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Code of ethics for Research document, Research Advisory committee and ethics committee constitution and list of members on these committees, software used for Plagiarism check, link to Website	<a href="#">View Document</a>

**3.4.2 The institution provides incentives to teachers who receive state, national and international recognitions/awards 1. Commendation and monetary incentive at a University function 2. Commendation and medal at a University function 3. Certificate of honor 4. Announcement in the Newsletter / website**

**Response:** B.. 3 of the above

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>

**3.4.3 Number of Patents published / awarded during the last five years.**

**Response:** 8

**3.4.3.1 Total number of Patents published / awarded year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
7	1	0	0	0

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**3.4.4 Number of Ph.D's awarded per teacher during the last five years.**

**Response:** 0.38

**3.4.4.1 How many Ph.D's are awarded within last five years.**



Response: 8

#### 3.4.4.2 Number of teachers recognized as guides during the last five years

Response: 21

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
URL to the research page on HEI web site	<a href="#">View Document</a>

#### 3.4.5 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 2.14

##### 3.4.5.1 Number of research papers in the Journals notified on UGC website during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
57	85	52	61	40

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

#### 3.4.6 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.42

##### 3.4.6.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
17	14	5	19	3

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 3.4.7 E-content is developed by teachers :

1. For e-PG-Pathshala
2. For CEC (Under Graduate)
3. For SWAYAM
4. For other MOOCs platform
5. For NPTEL/NMEICT/any other Government Initiatives
6. For Institutional LMS

**Response:** D. Any 2 of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Give links or upload document of e-content developed	<a href="#">View Document</a>

### 3.4.8 Bibliometrics of the publications during the last five years based on average citation index in Scopus/ Web of Science or PubMed

**Response:**

File Description	Document
Bibliometrics of the publications during the last five years	<a href="#">View Document</a>

### 3.4.9 Bibliometrics of the publications during the last five years based on Scopus/ Web of Science - h-index of the Institution

**Response:**

File Description	Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View Document</a>

## 3.5 Consultancy

**3.5.1 Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy.**

**Response:**

It is imperative 'to be the fountainhead of unused thoughts and of advancement in innovation and science' and with its common objective of 'creating a vibe in which unused thoughts, inquire about and grant prosper and from which the pioneers and trend-setters of tomorrow emerge'. In fulfillment of these focuses of significance, GNA University has taken the activity to advance consultancy assignments to be acknowledged by its scholarly staff. They will in this way have the benefit of consulting with both open and private entities, whether national or worldwide. It is our conviction that such exercises would in the long run contribute to the proficient advancement and stature of the faculty member, and that of the University as well.

The Consultancy Policy have been approved in 2019 to motivate the Research environment in the University. The responsibility for conduct of the project and the deliverables lies with the Consultant Faculty-In-Charge, and the Dean of Research Office provide the necessary administrative support. Consultancy and related services offered are divided mainly into two categories: Expert Advice and Testing Projects.

The idea behind promoting and supporting innovation and consultancy work at GU is to establish long-lasting professional contacts, associations and relationships. These opportunities for sponsored research for business houses or organizations would generate paid professional work that is substantively related to a faculty member's area of expertise and duties at the university. All faculty members would have to take advance approval for any activities related to consulting to ensure that the activity is not in conflict with the existing duties of the person and is also beneficial to the University.

Faculty and students can take research in :

Category A: Expert Advice and Development Projects. This type of project will be expertise intensive and based on the expertise of the Consultant(s)

Category B: Testing Projects. This type of project will be infrastructure intensive and will be based on extensive usage of the GU infrastructure.

The University has established strong links with the various MSMEs of the region and till now 19 Consultancy projects with an amount of INR 249361 have been completed by our students under the professional guidance of their respective teachers in the last five years. The consultancy fee is shared between the consultant and University in the ratio of 50:50

File Description	Document
Upload soft copy of the Consultancy Policy	<a href="#">View Document</a>
Upload minutes of the Governing Council/ Syndicate/Board of Management related to consultancy policy	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Paste URL of the consultancy policy document	<a href="#">View Document</a>

### 3.5.2 Revenue generated from consultancy and corporate training during the last five years (INR in Lakhs).

**Response:** 8.83

#### 3.5.2.1 Total amount generated from consultancy and corporate training year-wise during the last five years (INR in lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
6.34	0.2	0	1.37	0.92

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts indicating the revenue generated through consultancy	<a href="#">View Document</a>

## 3.6 Extension Activities

### 3.6.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years.

**Response:**

The life of a student is not only about the scores, degrees and passing the examinations. It's something diverse and related to the overall educational development. It is very important for university to promote a basic sense of social responsibility and sensitize students to social causes and issues, so that they are not just efficient inside the class but also act correctly outside of it. For the holistic growth of Students University undertakes a number of extension activities, especially in its neighbourhood for creating awareness about social issues, propagating national campaigns and policies and comprehensive development of the selected rural areas and community groups. For all these campaigns the university has created a number of platforms like National Service Scheme (NSS), National Cadet Corps (NCC) wing in which students voluntarily participate in community based activities.

University has adopted five villages: Ranipur, Khati, Dhaddey, Lakhpur, Rawalpindi under the Village Adoption Program and continuous voluntary activities are performed by the students to create awareness for the promotion of the following programs:

1. Swachh Bharat Abhiyan,
2. Swachh Pakhwada,
3. Blood Donation Camps,
4. Plantation Programs,
5. AIDS awareness Programs,
6. World Population Day,
7. World Water Conservation Day,
8. World Yoga Day,
9. World Tobacco Prohibition Day,
10. Awareness Programs among Slums,
11. Traffic Safety Week,
12. Special Programs Related to Health and Hygiene among students of university and adopted villages.
13. Women Empowerment Programs,
14. Soil Testing Camps,
15. Drug awareness rally,
16. Career Guidance and Counselling Programs,
17. Awareness about govt. schemes such as Ujwala Yojana, Pradhan Mantri MUDRA Yojana-PMMY, Pradhan Mantri Kaushal Vikas Yojana- PMKVY) etc.

Activities like tree plantation drives in and around the campus, expert lectures and debates of the renowned activist for the massive awareness, Blood donation camps, Swachh Bharat campaigns and events, medical checkup camps, social cause awareness through 'Nukad natak'. All these activities, not only link the student community with the societal requirements but also inculcate a feeling of owing this accountability of the society.

This also services in preparing the national brotherhood These programs are and helping students to come in closer contact with society and community. They get to know various social problems facing the society try to find solutions of these problems and mesh with the society to develop a well rounded personality.

They also help students in their holistic development and induce in them leadership qualities, along with spirit of nationalism and cooperation. Programs such as yoga and meditation develop qualities like Unity, brotherhood and sportsmanship along with better health.

Thus, students not only excel in their studies and optimize their careers but also become responsible citizens for a better society and community. The students and staff of the University also build up relations and tie up with organizations/NGO's to carry forward humanitarian work.

### **3.6.2 Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the last five years**

**Response: 1****3.6.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
1	0	0	0	0

**File Description****Document**

Institutional data in prescribed format

[View Document](#)

e-copy of the award letters

[View Document](#)**3.6.3 Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the last five years ( including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs).****Response: 74****3.6.3.1 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc. ( including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs) year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
24	17	13	16	4

**File Description****Document**

Reports of the event organized

[View Document](#)

Institutional data in prescribed format

[View Document](#)**3.6.4 Average percentage of students participating in extension activities listed at 3.6.3 above during the last five years****Response: 102.19****3.6.4.1 Total number of students participating in extension activities listed at 3.6.3 above year-wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
2485	2876	2533	2371	1089

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

### 3.7 Collaboration

#### 3.7.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 2.4

##### 3.7.1.1 Total number of Collaborative activities with other institutions / research establishment / industry for research and academic development of faculty and students year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
0	3	6	3	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Copies of collaboration	<a href="#">View Document</a>

#### 3.7.2 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 13

##### 3.7.2.1 Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
1	3	5	1	3

<b>File Description</b>	<b>Document</b>
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of the MoUs with institution/ industry	<a href="#">View Document</a>

NAAC



## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.**

**Response:**

In its quest to emerge as a world-class educational institution, GNA University has always strived to create its infrastructure akin to global standards. Spread over **50 acres** with a total built-up area of **3,15,057 square feet.**, the University is equipped with modern facilities and learning resources as per the requirements of different academic programs.

Since inception, the University has kept pace with growing demands of the teaching-learning resources in the campus. Keeping in mind the academic needs, the institution has made adequate efforts to create and upgrade the facilities from time to time. It has generated the required infrastructural facilities to support the smooth running of teaching - learning activities in its premises. The academic session is framed in such a way so that the classrooms and laboratories are well occupied from morning till evening, ensuring the optimum utilization of the resources. Regular campus activities ensure that our auditoriums and activity areas are utilized around the year.

The whole campus area is broadly organised into different zones - academic, academic-support and hostel blocks.

#### **ICT, Science, Technology and Engineering Laboratories**

The University has laboratories with latest equipment and apparatus. All the classrooms and laboratories are ICT enabled. There are 545 computers and 12 university laptops for students and faculty; along with faculty own 100 laptops; University has a number of computer centres with high configuration systems (Intel i3, i5 & i7) and internet with printing facility. The Science departments have a number of laboratories with incubation facilities, deep freezers, laminar air flow facility, fermenter, refrigerated centrifuge, animal and plant cell culture equipment, rotary evaporator, PCR, orbital shaking incubator etc. University also has Herbal organic Garden to support hospitality department.

**Library:**

The University has Learning Resource Centre 8400 square meter situated in academic block A. The entire collection of the library is computerized and its OPAC can be electronically accessed 24X7. The libraries have facilities of reading hall in all the Academic Blocks with seating capacity of more than 200 students. The University has its licensed ERP system called GNA University Management System (GU-MS). The Library is well equipped with modern facilities and resources in the form of CDs, online databases, books, e-journals, standards, reports, etc. Library subscribes to a number of National and International journals and leading newspapers. The libraries have a collection of **15299 books** on various subjects including a large number of reference books covering atlases, biographies, dictionaries, encyclopedias, manuals and yearbooks, etc. With an annual subscription to about **74 National and International print journals, 36000 e-journals, , 73 titles of McGrawhill e-books and 120000 ebooks in Delnet database.** The University has membership of National Digital Library of India (NDL), e-Shodhsindhu and Shodhganga.

**Internet & Reprographic facilities:**

University is fully Wi-Fi enabled since inception, Its Internet Bandwidth is 600 mbps. Wi-Fi network connectivity is available in all the academic and administrative areas, library, faculty cabins and hostels. Scanning and photocopying facilities are available in the library and within the whole campus.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.1.2 The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)****Response:**

The University aims at holistic development of its students. The indoor and outdoor sports and games facilities are provided to both girls and boys. Students participate in Inter-Institute, Inter-University competitions. University organizes different cultural activities like Freshers Day, Talent Hunt function, Yoga Day and various festivals in which students explore their talent and creativity. University provides fee concessions to deserving sportspersons. GNA University has 8 *cultural clubs/technical societies*. University has one unit of *National Service Scheme (NSS)* & one unit of National Cadet Corps (NCC).

**Sports Facilities:**

The University provides students with a plethora of opportunities to maintain healthy and active lifestyle while pursuing academic goals. University offers special scholarships to the students who play at National and International level in various sports. The university has the following facilities related to Sports and Games:

- Cricket Ground
- Football Ground
- 400 mtr Track
- Basket Ball Court
- Kho Kho Ground
- Table Tennis
- Volleyball Ground
- Tennis Court
- Handball Ground
- Kabbadi

There are *various indoor-games facilities*, with common room and gymnasium . There are 2 pool- tables, 1 snooker-tables & 5 carrom board sets, 5 chess boards & 1 arm wrestling table.

University participated in AIU Games in the year 2017, 2018 and 2019

**Yoga:**

The university has two yoga centers. Every year on June 21, international yoga day is celebrated to create awareness among the students.

**Gymnasium**

GNA University has gymnasium available at the campus for the students' fitness with facilities of weight lifting, cycling, tread mill.

**Auditorium and Seminar Hall**

GNA University has one auditorium and two seminar halls for the various activities.

File Description	Document
Geotagged pictures	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.1.3 Availability of general campus facilities and overall ambience****Response:**

The University Campus is situated on Hoshiarpur Road and has *all-weather connectivity* to all major cities around. Beautiful fountain with water bodies like ducks and swans, perennial greens, seasonal flowers evenly spread all over the campus. *15% of the landmass* is dedicated to horticulture and landscaping.

Infrastructure is broadly categorised as:

- **Academic Support Infrastructure:** Classrooms, Labs, Research Labs, Incubation centre, Libraries, Corporate Relations Department/Placement Cells and Common Rooms.
- **Recreational Infrastructure:** Common Rooms, Gym, Indoor-Outdoor Sports Facilities, Open Play Areas and Food Court.
- **Well-Being Infrastructure:** Dispensary, Hostel, Mess, Campus Store, Transport, Bank & ATM, Divyangjan friendly facilities.
- **Administrative Infrastructure:** Registrar's Office, Admission Cell, Administrative Offices, Pantries and Stores.

There are *67 smart/ICT enabled* classrooms/tutorials/seminar/conference halls, including theme-based studios and engineering drawing halls and *various academic labs*, including computing labs and research labs. Some of the special places are:

Language Lab is available for the students to inculcate their LSRW skills. The students are able to develop comprehend skills . The students are able to improve their pronunciation

Rapid Prototyping facility.

Incubation centre for prospective entrepreneurs to interact with their mentors.

**Corporate Relations Department** uses dedicated spaces for training, seminars, group discussion, one-to-one interviews, and pre-placement pep talks by Industry-stalwarts. The facility is also used for conducting joint placement drives.

**GNA University Alumni Association (GAC)** office is artistically decorated for alumni interactions.

**Auditorium:** GNA University has 300-seater Auditorium, are fantastic pieces of art in the Campus.

**Mess & Food Courts:** Cafeteria are the refreshment areas. The hostels have one tuck shop and a fruit stall open in the evening.

**Essential Facilities:** The *dispensary & ambulance service* are operational 24×365. The neighbouring Gandhi Hospital provides subsidised treatment to the staff and students. Karur Vysya Bank ATM operate in the campus premises. Students buy all their academic necessities from the one stationery shops in the Campus. Uninterrupted supply of water, electricity, hot water in hostels and internet facility, keep students comfortable and motivated. Battery operated golf carts support the movement within campus, and *chartered buses ply on 35 routes*.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.1.4 Average percentage of expenditure for infrastructure augmentation excluding salary during the last five years (INR in Lakhs)

**Response:** 76.3

##### 4.1.4.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
89.00	148.47	522.99	600.68	2388.09

File Description	Document
Upload audited utilization statements	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

### 4.2.1 Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

#### Response:

Learning Resource Centres at GNA University comprise of the *central library and six departmental libraries*. Library committee has put up policy and budget in place so that the same is adequately stocked at all times for use by the students and faculty.

The Library is *Wi-Fi enabled* and have computer and digital tablets to provide easy access to our online resources. Critical functions of the library viz., registration of visitors, issue/return of books, accession records of all hard copy resources and Online Public Access Catalogue (OPAC), are fully automated by barcoding of all the books and easy scan bar code readers. Need-based reprography services viz. printing, photocopying and scanning are also available in the library.

"*KOHA*" used for automating all the services of the library is the most advanced open-source Integrated Library Management System (ILMS). KOHA is integrated with GU-MS which is a licensed ERP system.

**Books and periodicals:** The libraries have a collection of *15299 books* on various subjects including a large number of reference books covering atlases, biographies, dictionaries, encyclopedias, manuals and yearbooks, etc. With an annual subscription to about *74 National and International print journals, 36000 e-journals, , 73 titles of McGrawhill e-books and 120000 ebooks in Delnet database*

Regular subscription to databases and services like *Springer, Sage, DELNET, EBSCO, Science Direct, e-ShodhSindhu, Shodhganga* ., enrich the overall knowledge bank of the library.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.2.2 Institution has access to the following: 1. e-journals 2. e-ShodhSindhu 3. Shodhganga Membership 4. e-books 5. Databases 6. Remote access to e-resources****Response:** A. Any 4 or more of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**4.2.3 Average annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)****Response:** 9.23

4.2.3.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
9.18	9.55	9.61	9.16	8.65

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**4.2.4 Percentage per day usage of library by teachers and students ( foot falls and login data for online access) during the last completed academic year****Response:** 6.64

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 150

File Description	Document
Details of library usage by teachers and students (Library accession register, online accession details to be provided as supporting documents)	<a href="#">View Document</a>

### 4.3 IT Infrastructure

**4.3.1 Percentage of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities. (Data for the latest completed academic year)**

**Response:** 97.06

**4.3.1.1 Number of classrooms and seminar halls with ICT facilities**

**Response:** 66

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

**4.3.2 Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility**

**Response:**

University is an ICT driven university which tries to provide the latest world class IT infrastructure. The University state of the art IT facilities including Wi-Fi based on latest computers with printers, scanners, and high-speed Internet on the whole campus.

The IQAC along with the University management keep on reviewing the requirement and upgradation of IT facilities. Consequently, the University has been upgrading and expanding its IT facilities every year.

With the growth of users, IT services and increasing internet bandwidth demand, the university has scaled up the switching capabilities and implemented latest managed wired and Wi-Fi access. The university has very high-end core switches and servers. University has its licensed ERP system (GU-MS) all the students and staff for the academic and administrative services and BlackBoard on which stores teaching resources, Lecture notes, Attendance and Evaluation record of Students.

**Integrated e-governance ERP** has been implemented, leading to enhanced administrative and financial transparency. The University website and ERP application are hosted over AWS. A local data backup system having storage capacity of **20 TB syncs in parallel with AWS E3 storage** over the Cloud. The ERP and website facilitate following online services for staff, students and other stakeholders:

Academic announcements, timetable, results, study material, etc. Administration, purchase, assessments, transport and admissions.

Online fees payment system, admission enquiries, registrations, net banking, electronic gate passes, procurements and Payroll, etc.

**IT Infrastructure:** University has campus agreements with major software vendors like *Microsoft, Adobe, Corel, MATLAB, Cadence, CATIA*, etc. Along with the proprietary software, Open source software, viz. Linux, OpenOffice, SciLab, Freecad, MySql, Lunar, inkspace, etc. are also promoted. Major IT infrastructure includes:

*Wi-Fi access points (115 numbers)* are installed for seamless internet connectivity throughout the Campus, each with a data transfer rate of 600 Mbps.

The computer labs and PCs are connected to online *UPS backup with a capacity of 516 kVA*. Access of Google for *Education GSuite* for email communication like *Google Classroom, Calendar, Drive with unlimited storage, Google meet for virtual meeting and sessions, Gboard in virtual sessions*, etc. for teaching staff and students.

**ICT for Teaching-Learning:** E-content for learning are collated and made available to the students through centralised ERP and various web-based video conferencing tools like *BlackBoard, WebEx, GoToWebinar, Zoom, Google Meet, Microsoft Teams for digital content delivery*. All the schools/departments use advanced computers, multimedia projectors and printers/scanners. Technology allowance is given to eligible employees to acquire the latest gadgets. The University has 68 well-equipped ICT classrooms/seminar halls.

**Antivirus software and firewall:** The computer labs and office PCs/laptops are protected by *Seqrte*, updated on a regular basis. *Firewall is installed to stop the unwanted hacks*. LDAP, DHCP/DNS and authentication servers locally hosted at the Campus, monitor and keep track of user's activities.

**Electronic Surveillance:** The University has deployed an *IP based surveillance system containing high-resolution cameras* installed at all strategic locations in the university campus and hostels controlled by a central monitoring system.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

#### 4.3.3 Student - Computer ratio (Data for the latest completed academic year)

**Response:** 4:1

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Student – computer ratio	<a href="#">View Document</a>



**4.3.4 Available bandwidth of internet connection in the Institution (Leased line)****Response:** B. 500 MBPS - 1 GBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

**4.3.5 Institution has the following Facilities for e-content development**

1. Media centre
2. Audio visual centre
3. Lecture Capturing System(LCS)
4. Mixing equipments and softwares for editing

**Response:** A. All of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Links of photographs	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Average percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years****Response:** 2.06**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

2019-20	2018-19	2017-18	2016-17	2015-16
24.80	67.77	69.35	17.11	7.87

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

#### **4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

##### **Response:**

GNA University has established systems and procedures for maintaining and utilizing physical, academic and support facilities. The built-up area of this university is 3,15,057 square feet spread over 50 acres of land. Two main buildings (Block A and B) have 6 floors with adequate infrastructure and academic departments, laboratories, library, classrooms, computers, LCD projectors in each classroom to enable the students and teachers to explore their potential. Every possible effort is made to provide the best facilities including 3D printer for the students of Engineering, Design and Automation department with a ratio of 2:1 student. Computers of latest technology with software's have been made available for all the students. Separate departmental libraries have been established for teachers and students with all the books of reputed authors and e-resources are made available in all the departmental libraries. The responsibility of the dean of every department is to give the best academic resources to every teacher so that he can be able to prepare his innovative presentation for students. The main library is open for the students and the best possible books has been purchased and issued to the student and even e-books are also available, and the library is maintained with the yearly stock checking and books are regularly purchased on the demand of teachers and students of all reputed authors from the renowned publishers of India as well as abroad.

For the purpose of maintenance of academic blocks, a specific team is there to look into the cleanliness of the campus and CCTV cameras are installed everywhere to check if someone tries to create indiscipline in any area of GNA University. Best infrastructure is provided for every department with ultra-modern facilities. No compromise with the quality. For students of Science, Engineering, Multimedia, Business School etc. laboratories with equipment's needed for practical's have been made ready before the start of the new course and only then students are admitted so that best possible facility be given to every student. For Physiotherapy and Medical Lab Technology, a separate block C is constructed and well maintained with a team of teachers, students and technical staff. The maintenance of cleanliness and repairs of furniture and the other equipment's including computers are handled by the administration through their respective maintenance teams. Separate budget is allocated for maintenance of infrastructure. The laboratories are equipped with latest instruments and maintained by the technical staff of every department under the supervision of a team of teachers and guided by the Head of each department. All complaints of the PC's and the systems are taken up by the campus IT team.

Sports facilities: The sports facilities for indoor and outdoor games are made available to students and employees to use as per their convenience. Grounds are maintained regularly with a staff appointment to look after under the guidance of sports teachers and coaching staff. The estate officer of the university is always available to provide the requisite sports equipment and look after the supporting staff for the maintenance of sports grounds. The horticulture team looks after the beautification of the lawns, grounds and all the campus open areas to give the university a modern look with the greenery and flowery area in

every corner of the university.

Every support facility is available for disabled persons. Lift is available in every block to their respective classrooms, laboratories, library etc. Ramps, pedestrian pathways etc. are well taken care off. Even separate washrooms are there for such persons with every facility including wheelchairs for persons with disability.

The University maintenance team of every department including academic physical support facilities work under established system and leave no stone unturned to look into all the facilities available and to keep a check on the infrastructure provided with all modern equipment in the university.

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Paste link for additional information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

**5.1.1 Average percentage of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

**Response:** 94.05

**5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government agencies (NGOs) year wise during the last five years (other than the students receiving scholarships under the government schemes for reserved categories).**

2019-20	2018-19	2017-18	2016-17	2015-16
2032	2334	2836	2506	908

File Description	Document
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View Document</a>
Upload any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.1.2 Average percentage of students benefited by career counseling and guidance for competitive examinations offered by the Institution during the last five years.**

**Response:** 38.31

**5.1.2.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
1755	1686	1170	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**5.1.3 Following Capacity development and skills enhancement activities are organised for improving students capability 1. Soft skills 2. Language and communication skills 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology**

**Response:** A. All of the above

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

**5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases 1. Implementation of guidelines of statutory/regulatory bodies 2. Organisation wide awareness and undertakings on policies with zero tolerance 3. Mechanisms for submission of online/offline students' grievances 4. Timely redressal of the grievances through appropriate committees**

**Response:** A. All of the above

File Description	Document
Upload any additional information	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>

## 5.2 Student Progression

**5.2.1 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

**Response:** 40

**5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	0	0	0

**5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg:**

**IIT/JAM/ NET / SLET/ GATE/ GMAT/CAT,GRE/ TOEFL/ Civil Services/ State government examinations) year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
3	3	0	0	0

File Description	Document
Upload supporting data for the same	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.2 Average percentage of placement of outgoing students during the last five years****Response:** 14.61**5.2.2.1 Number of outgoing students placed year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
132	161	120	0	0

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.2.3 Percentage of student progression to higher education (previous graduating batch).****Response:** 7.89**5.2.3.1 Number of outgoing student progressing to higher education.**

Response: 36

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**5.3 Student Participation and Activities**

**5.3.1 Number of awards / medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) during the last five years.**

**Response:** 13

**5.3.1.1 Number of awards/medals won by students for outstanding performance in sports / cultural activities at inter-university / state / national / international events (award for a team event should be counted as one) year - wise during the last five years.**

2019-20	2018-19	2017-18	2016-17	2015-16
0	7	6	0	0

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

**5.3.2 Presence of Student Council and its activities for institutional development and student welfare.**

**Response:**

GNA University considers its students as the most important stakeholders. Students are involved in the academics and administrative activities in various ways.

**Class Representative System:**

In each class section of students consisting of 60 students, two CRs are appointed, one boy and one girl. The appointment of CRs is done through the internal process defined the respective faculty.

Regular meetings with CRs are held as stated below:

1. Class Coordinators meet their respective CRs once in a fortnight
2. Deans meets all CRs once a month and the top management including Vice- Chancellor meet all CRs at least once a semester
3. CRs keep on sending their feedback about the teaching learning and total functioning

**Participation of students in administrative bodies/ committee**

There are more than 10 clubs and committees and students are members of all clubs and committees.

- Students are the members of disciplinary committee, Anti ragging committee, Hostel discipline committee, Mess committee etc.
- Various clubs and committees are managed and run by students only. The students plan various

activities and also execute the same.

- These clubs and societies are the place for personal growth of students, career development and university inclusiveness. The technical clubs and other nontechnical societies which helps in nurturing skills of students apart from the regular curriculum. These clubs/societies are supervised by faculty members and all other the activities are student driven.

GNA University has following clubs and societies:

1. **Robotics Society**
2. **Navik Club**
3. **Science Club**
4. **Builders Scoop**
5. **Environmental Society**
6. **Mathemania Club**
7. **Phoenix Club**
8. **Fine Arts Club**

#### **Norms of Admission to Societies/Clubs**

To be part of various societies/clubs one must be a student of GNA University. The students have all rights to choose specific society according to their interest. A student can choose maximum of 2 societies up to pre-final year and only one club in the final year. During first year, it is mandatory for a student to be part of at least once club of his choice.

#### **Student officer Positions**

All activities initiated by these societies are student driven and hence students hold some officers position in clubs to plan and organize various events. The student officers positions are:

- **President**
- **Vice-President**
- **Secretary**
- **Joint Secretary**

#### **Activities organized by various Clubs and Societies.**

The above-mentioned societies aims to organize various events, internal workshops, weekend classes for the students to acquire new skills. During the initial years, classes are taken by associated faculty members. After initial training, student guide other students to build various innovative projects, games, animation, designs, models etc. Student president and faculty advisor are solely responsible for all the activities. These activities include engineering week, spell bee competition, folk singing and dance competitions, fly levelling, flying combat, bug & debug, electro hunt, COSMOS, go kart workshop, know your vehicle, photography, project exhibition, Robo Race, CAD contest and many more.



File Description	Document
Upload any additional information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural events / competitions organised by the institution per year

**Response:** 34.4

#### 5.3.3.1 Number of sports and cultural events / competitions organised by the institution year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
11	42	35	56	28

File Description	Document
Report of the event	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 5.4 Alumni Engagement

### 5.4.1 The Alumni Association / Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services.

**Response:**

GNA University Alumni Association plays an important role in helping to shape the future of the University by representing the views of its members and contribute to build an engaged and supportive alumni community. The functioning of Alumni Association called GNA Alumni Community (GAC) started since July 2019 and it got registered in the year 2021 under the societies Registration Act. The registration number of GAC is KPT/ARS/4005. A good number of alumni are occupying eminent positions and contribute to the further growth of their parent institution. There is no membership fee to be part of (GAC).

GNA ALUMNI COMMUNITY is created to supplement the opportunities for student of GNA University:

1. Networking opportunities with Industry
2. Alumni Mentorship Benefits
3. Alumni experience Benefits
4. Corporate Internships or Placement Benefits

The Alumni Association contributes in the following domains:

- ***Sending feedbacks on Curriculum***, teaching learning process and new courses that can be conducted to bridge the gap between industry and academia which in turn make our students more employable.
- ***Giving important suggestions about recent trends in industry*** and accordingly the topics of study are covered through expert lectures, industrial visits or value addition programs.
- Updating information about Placement opportunities in the companies they are employed or related with.
- ***Inviting well placed alumni for interaction and mentoring of the current students***. Bringing in alumni for peer mentoring, group discussions and mock interviews.

Alumni are regularly asked to give their suggestions for augmenting the alumni networking, strengthen tie-ups and social get togethers. Alumni share their expertise with the students for guidance in Projects / Placements / Contests / Internships. They guide students aspiring for higher education by providing guidance and assistance for GATE, GRE and other competitive examinations.

A separate page on the university website and Facebook page is created so that alumni are in constant contact. First batch alumni who are now holding good positions in Multinational and reputed companies also help in bringing those companies to the university for placements. A few alumni have also visited the university as part of requirement teams.

Since 2019, two formal meetings were held where they have shared their experiences.

**Few of the suggestions given by the alumni are:**

- More practical content is required to be added.
- More number of grounds need to be added
- Recent version of softwares are required sometimes in the computers available in labs
- Systems are quite slow when it comes to using software like MAYA, After effects etc. High configuration systems are required in Lab
- Need more short term industrial visits of 10 days .
- In future PLM technology must be there for better placements.
- In the final semester every student must take projects from industry.
- Try to get accreditation from NAAC.
- Start the subjects related with academic syllabus to crack the competitive exam PSSSB, PPSC, GATE, PSU.
- Make the environment for more practical projects like TIFAN and BAJA. Encourage the students toward these projects and events.

File Description	Document
Any additional information	<a href="#">View Document</a>

**5.4.2 Alumni contribution during the last five years (INR in Lakhs)**

**Response:** E. <5 Lakhs

NAAC

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance.**

**Response:**

The University has its clear Vision and Mission which is reflected in the academic and administrative governance of the University. The governance of the University is reflective of effective leadership and is in tune with the Vision and Mission of the University.

The **Vision** of the University is:

“To be recognized as an institution with focus on technical skills, innovation and entrepreneurship by providing a dynamic learning environment to the future leaders.”

The Mission statements define the University’s distinctive characteristics in terms of addressing the needs of students and society it seeks to serve by:

1. Providing courses in all disciplines in futuristic and emerging areas
2. Focusing on integration of curriculum with the industry needs
3. Developing graduate attributes as per the need of the discipline / profession
4. Developing the overall personality of the students to be an excellent professional
5. Inculcating human values to be a good human being and having regard for heritage and culture.

The University has qualified and competent administrators to provide effective leadership and management at various levels.

The observance of Vision and Mission is achieved through well-defined systems and organisational structure consistent with GNA University Act, Statutes & Ordinances of the University. To make sure that Vision and Mission can be achieved The University has various bodies for governance through development of policies, regulations & guidelines, their implementation and continuous improvement. University Regulations & Policy Guidelines are the instruments through which all the academic, research & administrative activities are administered and monitored for effective implementation, thus ensuring quality and continuous improvement at the University level.

The leadership at GNA University includes Vice Chancellor, Deans, Heads of Institutions / Departments / Centres, Program Coordinators, Class Anchors etc.

The Vice Chancellor, as the Principal Executive and Academic Officer steers the University in fulfilment of its Vision, Mission and Objectives leading the faculty and staff at all levels through developing five years Strategic Plan and setting up Broad Based Goals / Targets, responsibilities and review mechanism.

The faculty and staff members are involved by the University leadership in developing and implementing the management system at various levels. The faculty members are nominated in various statutory bodies and committees of University / Institutions for decision making and managing the various functioning of

the University. Regular inputs are taken from faculty and staff through monthly meetings of the faculty / brain storming sessions for continuous improvement in the system. For instance courses like PLC Programming (ROAU206), Advanced Design in CAD 2 (ADIC 301) and Basic Additive Manufacturing (BMA601) are duly focused to achieve the Vision of University.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 6.1.2 The effective leadership is reflected in various institutional practices such as decentralization and participative management.

#### Response:

The University practices decentralized and participative management approach in all its activities, initiatives and decision making by involving Deans, HoDs and faculty members at all levels. The Internal Quality Assurance Cell (IQAC), grievances redressal committee, prevention of sexual harassment committee, department-level academic affairs committee, maintenance committee or the like are there for successful operations and functioning. And bodies such as Doctoral Research Committee, Board of Studies, Faculty Council, Board of Management, and Governing Body ensure sufficient decentralization of governance are for the decentralisation of governance. These committees are in place to review the progress in various functions and accordingly take necessary timely action for ensuring excellence in respective areas.

The culture of participative management is promoted by the University and to advocate this university has a well laid down structure supported by qualified and competent teams. The administrative and academic responsibilities are decentralized to provide effective educational leadership for effective implementation & monitoring of various policies, regulations & guidelines at various levels.

#### Process of Curriculum Review

1. Involvement of stakeholders' in the review process
2. Constitution of Faculty Council for the review and development of programmes and courses respectively. Faculty Council works at the faculty level.
3. The suggestions of Faculty Council goes to Board of Studies which further goes to the Academic Council
4. The Action Taken Report (ATR) of the feedback on the curriculum is reported to various statutory bodies like the Board of Studies (BoS) and Academic Council (AC). And is also updated on the website

**During the review,** following stakeholders are involved in the review process

1. Faculty members
2. Students
3. Industry experts
4. External subject experts

## 5. Alumni

- 1.To review the existing course, Faculty council is constituted with all the stakeholders as its members in all the faculties. They review the courses and recommend the changes to the Board of Studies. To review the program, deliberation is done amongst the senior faculty members, industry experts, external experts are appointed as members to ensure transparency, diversity and excellence from academia to assess the demand of program, skill set / competencies required by the industry / profession and career opportunities while framing the Programme Structure.
2. Constitution of Board of Studies : Board of Studies is constituted by the Dean / Head of the faculty to examine & review the proposal of Faculty Council. Board of Studies also review the recommendations of Program Structure.

**Administrative Policies give autonomy and flexibility along with responsibility to the key position holders in the Univesity**

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 The institutional Strategic plan is effectively deployed.

#### Response:

The University has a perspective Strategic Plan and deployment document available taking into consideration the set **Objectives and Broad Based Goals** aligned with the Vision and Mission statement of the University.

#### University Objectives:

- 1.The objectives of the University are to disseminate and advance knowledge by providing instructional, research and extension facilities in such branches of learning as it may deem fit.
- 2.The University endeavours to provide students and teachers the conducive atmosphere and facilities and infrastructure for the promotion of:
  1. Innovations in education leading to restructuring of courses, new methods of teaching and learning and integral development of personality
  2. Studies in established and new disciplines.
  3. Inter-disciplinary studies
  4. National integration, secularism, international understanding and ethics

**Broad Based Goals** - University have set ten Broad Based Goals for 2016-2021

- 1.Ensuring Educational Excellence
- 2.Ensuring Student Development including physical and emotional health and wellbeing.
- 3.Creating culture of excellence in Research, Scholarship, Innovation and Creativity for high impact.
- 4.Enhancement of quality of faculty and staff for outstanding performance.
- 5.Advancing internationalization.
- 6.Enhancing relations with industry, alumni and society.
- 7.Enhancing employability and promote entrepreneurial initiatives.
- 8.Committing to all aspects of social, economic and environmental sustainability.
- 9.Enhancement of supporting resources
- 10.Ensuring excellence in Organizational Leadership and governance.

The **Strategic Plan** ensures that the set targets are achieved through accountability process comprising of review, evaluation, reporting and, where necessary, re-planning.

1. The long term (5yrs) & short term (annual) plan is developed by the Institutional Quality Assurance Cells (IQACs), established at three levels (Faculty, specific domain and University Level).
2. Deans, HoDs through respective IQAC set Individual targets (Faculty/Staff), fixing milestones and accountability considering the following aspects:

- Academic & Teaching-Learning Planning
- Infrastructure Resource Planning
- Faculty/Staff Resource Planning
- Learning Resource Planning
- Industry Interaction and Placement Planning
- Research & Innovation Planning
- Internationalization Planning
- Student Development Activities Planning
- Events & Annual Calendars Planning
- Operational Planning
- Financial Planning

1. The Faculty wise Annual Plan/Targets are examined and finalised by University IQAC. The proposed Annual Planning comprising of all the above mentioned aspects are placed before the competent authority ( Board of Control ) for the approval. After the approval, the recommendations are circulated to all concerned for its implementation, compliance and review.
2. The Broad Based Goals and the Strategic Plan for the year 2016-21 is reviewed annually.

File Description	Document
Any additional information	<a href="#">View Document</a>
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.**

**Response:**

The functioning of the institutional bodies is effective and efficient. The University has a clearly defined organizational hierarchy and structure to support decision making processes that are clear and consistent with its purposes and supports effective decision making. The organizational structure lends itself to sustaining institutional capacity and education effectiveness through involvement of stakeholders in various Committees/ Boards. The Act and the statutes of the University provide for various Statutory Authorities of the University to provide policy framework and direction for the functioning of the University and for fulfilment of its objectives.

- Governing Body – Apex body which gives vision and sets the path for future growth
- Board of Management – Board of Management is the second highest body of the university that oversees all the academic and administrative matters
- Academic Council
- Board of Studies
- Finance Committee
- The various Committees/ Boards as defined in the University Act.

The following University level bodies are constituted for the smooth working of the University:

External members are part of various Councils and Committees for enhancing the broader base and bringing transparency and fairness in the system.

In addition to the above, University has a number of students and faculty committees/ Clubs for decentralized management of activities/ affairs for better functioning and effective learning of the students. The roles and responsibilities of various bodies are well defined in order to ensure role clarity and accountability.

The university have Quality Policy in place. Basic principles of Quality Policy of the university include holistic approach, benchmarking, methodologies for accountability, self assessment, evaluation by students, continuous efforts for improving the quality of academic, administrative and supporting staff, optimum utilization of resources and efforts for continuous improvement.

The 360 degree performance appraisal is done on the basis of teaching, research, peer feedback, student feedback and other responsibilities. SOPs of for various academic and administrative activities are framed.

The grievance of the faculty and staff are redressed timely to keep their motivation all time for their performance, efficiency and satisfaction.



File Description	Document
Any additional information	<a href="#">View Document</a>
Link to Organogram of the University webpage	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.2.3 Institution Implements e-governance covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** A. All of the above

File Description	Document
Screen shots of user interfaces	<a href="#">View Document</a>
ERP (Enterprise Resource Planning) Document	<a href="#">View Document</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View Document</a>
Link for additional information	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

**6.3.1 The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff .**

**Response:**

The institution has a well-defined performance appraisal system for both teaching and non-teaching staff.

After the completion of one year of service performance of every employee is being assessed. The performance of employee is evaluated systematically to understand the ability of a person for his/her further growth and development. Teaching and non-teaching staff both are assessed on different parameters to quantify their qualities. Special Allowance on the basis of additional task undertaken is granted in case some Faculty members who have been delegated with some other tasks and responsibilities and thus are not able to devote to all the assessment parameters of the PBAS proforma, their Dean/HoD will intimate details of such persons to the Vice Chancellor at the earliest opportunity and for such Faculty Members

There is a hierarchy to check PBAS proforma filled by the Faculty Member at first level it is checked and verified by the Dean/HoD at first level, HR at second level, Dean Academics at the third level for teaching staff and at final level the PBAS Committee verifies the proforma and sends it back to HR for the final processing.

Recommendations are prepared on the basis of rating and grading derived from the API score and the appraisal is granted on the basis of grading.

The University has a welfare mechanism in place, for teaching and non-teaching staff. The various welfare schemes are:

1. Opportunities for international exposure, as per laid down scheme.
2. Financial assistance to meet emergency medical expenses of staff and family members
3. All the non-doctoral faculties are encouraged to get enrolled for Ph.D. program.
4. Medical Insurance: For all faculty and staff members.
5. On campus free medical facilities.
6. Free transport facilities
7. Fee Concession is given to the faculty members and other employees who are doing PhD within University
8. Promote Research Excellence.
9. Short term advances including salary, etc.
10. Travel allowance
11. Maternity benefits
12. Medical leave
13. Wi-Fi facility

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

**Response:** 3.93

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
4	6	7	12	0

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years (Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.3.3 Average number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the last five years.**

**Response:** 129.2

**6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
242	32	41	310	21

File Description	Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course ).**

**Response:** 11.01

**6.3.4.1 Total number of teachers attending professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes year wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
25	14	21	17	3

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development Programmes during the last five years (Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

#### Response:

#### Strategies for mobilization of Funds:

The university's Finance committee meets at regular intervals and deliberate on financial planning and the position of the university. The management of financial resources is supported by the university's strategic plan, which includes best financial practices in the deployment of resources, creative and efficient use of resources using high level information technological infrastructure. In general, resources are needed for various purposes such as academic administration, affiliation, infrastructure, development and maintenance and for miscellaneous. The University has a self-financing system which is administered by its own resources.

**Fees received from students:** The University's main source of income is the fees it receives from students. For its efficient mobilization, the fees received are transferred to the overdraft account at the bank and from there they are used for various financial expenses, such as the payment of salaries, payments to suppliers, bank remittances and interest, payment of legal contributions, namely, PF, ESI, TDS etc.

**Bank Loans:** The University maintains close relationships with banks and any anticipated funding needs are pre-arranged through bank financing in the form of term loans / overdraft facilities. Due to its excellent credit history, the University obtains the short-term loan/overdraft facility from partner banks as and when required. These banks have granted a general approval of up to INR 15 crores with the approval of their headquarters.

**Donations from philanthropist individuals:** The University has also got donations from the philanthropist for about Rs. 1.05 cr during the tenure of five years.

#### Strategies for optimal utilization of resources:

**Preparation of budget and approval by Finance Committee:** The University's Financial budget is prepared from a development perspective and it is presented before the start of every financial year. Budget is taken from every department which includes detail of expenditures they want to incur in that financial year. All those departmental budgets are consolidated to prepare final budget of the university. Once the budget is prepared, the same is presented before the Finance Committee for approval.

The main motto of resource mobilization and optimal use of resources is to place GNA University in the benchmark for quality education and unique student growth.

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 6.4.2 Funds / Grants received from government bodies during the last five years for development and maintenance of infrastructure (not covered under Criteria III and V ) (INR in Lakhs).

**Response:** 0

##### 6.4.2.1 Total Funds / Grants received from government bodies for development and maintenance of infrastructure (not covered under Criteria III and V) year wise during the last five years (INR in Lakhs).

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	0	0	0

<b>File Description</b>	<b>Document</b>
Details of Funds / Grants received from government bodies during the last five years (Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 6.4.3 Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)

**Response:** 105.25

##### 6.4.3.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
0	0	93	10.5	1.74500

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Annual statements of accounts	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 6.4.4 Institution conducts internal and external financial audits regularly

##### Response:

Yes, the University has a mechanism for internal and external annual audit. The University has a full-time Accounts Manager since inception to ensure maintenance of annual accounts and balance sheets of the University and audit thereof. The University has a separate internal audit department manned by qualified chartered accountants and experienced audit personnel, which controls internal financial controls and accounting processes. The University's finances are time to time audited by qualified independent auditors towards finalizing of books of accounts and preparation of financial statements

As a self-financed University, the resource mobilization is mainly through fee deposits. Other sources of financial revenue include:

1. Training & Consultancy
2. Research Project Grants
3. Participation fee in various conferences, seminars organized by the University.
4. Sponsorships for various events, conferences, seminars, etc.
5. Establishment of Industry sponsored labs

The finance committee prepares the annual estimates of income and expenditure based on inputs from Institution IQAC and Financial Planning Sub-committee and its recommendations along with annual budget is put up to executive council for consideration and approval.

The financial planning and budgeting (operational expenses and capital investments) is an integral part of annual academic planning at University level. The annual plans for the University are finalised by Finance Committee.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process,**

**structures & methodologies of operations and learning outcomes at periodic intervals.****Response:**

Internal Quality Assurance Cell (IQAC) was established in 2017. The IQAC has made significant contribution in Institutionalizing the quality assurance strategies and processes.

The IQAC has been constituted as per the format prescribed by NAAC and its meetings are held regularly. In each department there is an IQAC Coordinator to look after the quality in every aspect. Quality assurance strategies and processes are framed and subsequently reviewed by the IQAC in its meetings.

Due to the efforts of IQAC a number of initiatives have been taken including setting up of university IPR Cell, entrepreneurship development cell, GU – Centre of Innovation etc.

Two examples of practices institutionalized as a result of IQAC initiatives and related to teaching learning quality are the following:

1. **Institutional Academic & Administrative Audit**
2. **Launch of GU-Centre of Innovation and focus on good quality research publications**

The IQAC has undertaken the responsibility of Institutional Academic & Administrative Audit based on the framework suggested by NAAC to assess the strengths and weaknesses of the academic and administrative units and to advise on the methods for improvement by working on the weaknesses. Based on the first AAA report, the University has strengthened the faculty recruitment process to *enhance the faculty quality* in terms of experience, qualification, and research background. IQAC is also able to identify the opportunities for *academic, administrative and examination reforms*, etc.

GU-Centre of Innovation was established in the year 2019 and various activities are conducted to make the minds of the students innovative. IQAC suggested *improving the quality of publications* and involvement of more faculty members in research publication, sponsored research & consultancy. IQAC suggested to *device an IP policy*, including incentivizing their research. This policy provided the framework and encouraged the faculty to publish quality publications, file an increasing number of patents, and apply for sponsored research and consultancy at various platforms. IQAC also recommended that students should be given the *opportunity to have their start-up* based on a related technology in their fields. A practising business is likely to provide the faculty members with a different kind of experience, which could positively improve their teaching. Startup policy also was launched enabling faculty members to own start-ups.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.5.2 Institution has adopted the following for Quality assurance 1. Academic Administrative Audit (AAA) and follow up action taken 2.Confernces, Seminars, Workshops on quality conducted 3. Collaborative quality initiatives with other institution(s) 4.Orientation programme on quality issues for teachers and students 5. Participation in NIRF 6.Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA).**

**Response:** A. Any 5 or more of the above

File Description	Document
Upload e-copies of the accreditations and certifications	<a href="#">View Document</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>
Paste web link of Annual reports of University	<a href="#">View Document</a>

**6.5.3 Incremental improvements made for the preceding five years with regard to quality (in case of first cycle), Post accreditation quality initiatives (second and subsequent cycles).**

**Response:**

#### **Audit of Examination Evaluation**

An internal audit of Examination evaluation system was taken. The idea was implemented to conduct the same. An internal audit team of IQAC audited the marks entry from answer sheets to the student logins and the report on the same has been submitted to the Board of Control for their information and the Deans / Heads of all faculties are apprised of the same.

#### **Automation of Admission process**

A few challenges were found in the Admission process. Then the initiatives were taken by the team of Systems and Operations. They finalised the third-party software for the process to make the process economical and more efficient in terms of back support. NoPaperForms has been finalised by the Board of Control.

#### **Implementation of MOOC in the course structure and academic rules of respective faculty**

All the faculty councils were advised to include MOOC courses in their course structure. Various platforms like NPTEL, SWAYAM, are to be given due recognition for the credits taken by the student in the due course.

#### **Establishment of GNA University IIC under the flagship of Ministry of HRD**

To encourage the young minds for innovation and to make everyone aware of IPRs,



### **Improving the placement rate of the students**

To improve the placement rate, CRD was given the responsibility to take supplementary sessions on improving the Analytical Skills and Soft Skills of the students. Experts are advised to be appointed for the same.

### **Initiative of new LMS and Online Examination system**

A third-party software Blackboard implementation to provide online lectures to all courses running in the University. For Examination purposes, the management decided to adopt a third-party software to conduct Online examination named Co-cubes.

### **Proposal of Solar initiative in the campus**

Solar power has evidently become the trend in renewable energy and this is a great way to show care about the environment sustainability. Therefore, the proposal to set up a roof top solar project was brought and the hunt for a vendor started.

### **Modernization of Sports Ground**

Raising the existing level of Sports in our University to motivate our students to participate in more physical activities. To encourage the spirit in sportsmen the university approved and built a professional Basketball court.

### **Establishment of Community Radio**

University's own radio station where the teachers or the students can walk in any time to share some important local event or news. The process was earlier initiated in Feb 2020 in LOI but it was delayed due to COVID-19 pandemic. The proposal of binary transmission of Community radio studio was presented in the meeting of BOC with various quotations for approval.

GNA University has established an ecosystem to promote and support the innovation, entrepreneurship and Intellectual Property Rights (IPRs) among the students, staff and faculty. This ecosystem includes various technical clubs and societies, Centre for Innovation (GU-CI), GU-Institution Innovation Council (GU-IIC) and GNA University's Technology Business Incubator(GU-TBI) and various national level clubs.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

##### Response:

GNA University strongly believes in gender equality. It has been working constantly for facilitating a conducive environment for its female employees and students. Men and women are sensitized towards gender issues, and its boundaries that exist among colleagues and how such boundaries are crossed. The students (male and female) and faculty (male and female) of the University are constantly oriented towards the Sexual Harassment of Women at Workplace Act, 2013, and the manner in which the Internal Complaints Committee is constituted and how it works towards providing protection against sexual harassment of women at workplace including redressal of complaints of sexual harassment. In order to address such concerns, the University has undertaken various initiatives to ensure security of women and create a conducive ambience for teaching-learning process. The objective of the activities is to sensitize the employees and students on gender issues, and to help them to be aware of gender biases or disparity, to help them to resolve interpersonal conflicts arising from gender issues, and to enable them to act assertively and respond to challenges in workplace. All academic and administrative activities safeguard the interests of the students, faculty and staff without any differentiation to their respective genders. The University provides safety, security & counselling facilities to all genders, students/staff through its well-defined equity, diversity & non-discriminatory policy guidelines.

#### INITIATIVES

##### Mentoring, Monitoring and Managing systems

**Orientation program** for newly admitted students before formal start of the semester and induction program for newly appointed teachers.

**Organising** meetings, seminars, workshops and social events to improve students' profile through inclusive practices for gender, social sensitisation and providing a platform of equal opportunity and co-existence

**Personalised mentorship** (mentor - mentee ratio of 1:20 approx.) and counselling programs are in place to give support and thrust towards progression to higher education and placement and other issues as appropriate.

**Grievance redressal mechanism** includes anti-ragging committee, internal complaints committee, prevention of sexual harassment committee, and provide access to the leadership of the University for appealing against any of the decisions/issues, if not duly addressed by the committees.

##### *Physical Facilities*

- University campus is well illuminated.
- University has security posted at different places in the University to safeguard the complete

campus.

- Proper CCTV cameras are installed at all major places in the University campus as well as Hostels to cover the strategic areas of the University and Hostels.
- All entry and exit of vehicles & individuals are properly checked and put under surveillance.
- University does not encourage employees to stay back after work hours, however, in case of exigencies, safe transport facility is provided to the employees to drop them at their residence.
- University has 24\*7 Medical Centre for meeting all medical emergencies with female staff also

#### Common Room:

- University provides common rooms for all male and female employees and students. Rest rooms are well maintained with basic amenities and security.
- Student Activity Centre is functional wherein students can relax as well as interact with each other

File Description	Document
Specific facilities provided for women in terms of: a.Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="#">View Document</a>
Annual gender sensitization action plan	<a href="#">View Document</a>

#### 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

**Response:** A. 4 or All of the above

File Description	Document
Geotagged Photographs	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### 7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management

- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

### **Response:**

A clean and healthy atmosphere is necessary for the students and staff to have a comfortable study and work environment. To make this possible University uses techniques to manage degradable and non-degradable waste and gives due importance to reduce, reuse and recycle waste. While the overall emphasis is to reduce waste generation and segregation of waste at the source, strategies/systems are in place for reusing and recycling the waste. University has different dustbins to segregate the different waste. Every day the waste is collected in bins and disposed to a place where it can be converted into manure. Students are also encouraged to use parts of old equipments and infrastructure for their projects.

### **Solid Waste Management:**

General solid waste is collected in dustbins placed in various classrooms/offices/pantries/hostel rooms and open areas. Waste from all these dumpsters is deposited at the main waste yard for sorting by a contractor. The non-degradable waste is collected by the contractor, for depositing it in the government dump yard. The degradable waste is dumped into a waste pit on campus.

There are recycling bins on the campus which are used to collect paper, plastic and aluminum cans, newspaper and cardboard waste, for recycling. Although, the university diverts more than 40% of its waste to landfills, but the goal is to reach 70% before 2023.

Food waste is used for preparing manure through vermicomposting.

Incinerators are provided in the girls' hostels and an academic building, for disposal of sanitary waste. An incinerator is also centrally placed at the main waste yard.

Paper waste is shredded and given to contractor for recycling

### **Liquid waste management:**

STP is placed for the treatment of waste water. Treated water is used for horticulture, shared with nearby fields based on requests from villagers and also in the toilet flushing system.

Overnight leak tests, by taking meter reading before and after a period of occupancy is done to identify any leaks or overflows occurring in the building.

### **E-Waste management**

E-waste collected at the site is transferred for wiping or recycling to the local vendors on monthly basis. Students are encouraged to dispose of any unwanted electronics with IT Dept. University prefers to purchase electronic products from company's which have after sales service for the disposal of product with take back policy

**Hazardous chemicals:**

Used oil is disposed to authorised vendors as per laid pollution norms. Specific measures have been taken to reduce used-oil generation in electric generators.

**Radio-active waste:**

The University does not use any radioactive material in the Campus and hence has no radioactive waste.

<b>File Description</b>	<b>Document</b>
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View Document</a>
Geotagged photographs of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.4 Water conservation facilities available in the Institution:**

- 1. Rain water harvesting**
- 2. Borewell /Open well recharge**
- 3. Construction of tanks and bunds**
- 4. Waste water recycling**
- 5. Maintenance of water bodies and distribution system in the campus**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.5 Green campus initiatives include:**

- 1. Restricted entry of automobiles**
- 2. Use of Bicycles/ Battery powered vehicles**
- 3. Pedestrian Friendly pathways**
- 4. Ban on use of Plastic**
- 5. Landscaping with trees and plants**

**Response:** Any 4 or All of the above

<b>File Description</b>	<b>Document</b>
Various policy documents / decisions circulated for implementation	<a href="#">View Document</a>
Geotagged photos / videos of the facilities	<a href="#">View Document</a>
Any other relevant documents	<a href="#">View Document</a>

**7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:**

- 1.Green audit**
- 2.Energy audit**
- 3.Environment audit**
- 4.Clean and green campus recognitions / awards**
- 5.Beyond the campus environmental promotion activities**

**Response:** A. Any 4 or all of the above

<b>File Description</b>	<b>Document</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View Document</a>
Certification by the auditing agency	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.7 The Institution has disabled-friendly, barrier free environment**

- 1.Built environment with ramps/lifts for easy access to classrooms.**
- 2.Disabled-friendly washrooms**
- 3.Signage including tactile path, lights, display boards and signposts**
- 4.Assistive technology and facilities for persons with disabilities ( Divyangjan) accessible website, screen-reading software, mechanized equipment**
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**Response:** A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	<a href="#">View Document</a>
Geotagged photographs / videos of the facilities	<a href="#">View Document</a>
Details of the Software procured for providing the assistance	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).**

**Response:**

India, a country rich in its cultural diversity that's why at our university students pay reverence to the different religions, languages and cultures. Our University undertakes various initiatives in the form of celebration of days of Eminent personalities, National Festivals, cultural events and other such activities to provide for an inclusive environment by bringing students and teachers with diverse background on single platform for creating inclusive environment. These events help in developing tolerance and harmony towards cultural, regional and linguistics and also communal social economics and other diversities.

Two important national festivals; Republic Day and Independence Day are celebrated every year in University where all teaching, non-teaching staff and students participate for the pride of nation. Celebrating various events and festivals in our university has become a sacrosanct part of learning and building a **strong cultural belief**. Such festivities bring the students closer to each other's traditions and cultural beliefs and develop a sense of respect and understanding for other's customs and tradition

**To depict rich Indian culture**, on the eve of 'Baisakhi' university put food stalls representing the four zones of our country. In that event not only food was offered to the gathering rather students wore the traditional attire representing the respective states, religions and cultures.

To familiarize our students with global legacy, on World Tourism Day every year students from different countries showcase their rich cultural heritage.

**Catering to Multilingualism:** "Matribhasha Diwas" is celebrated, in which the students take part in calligraphy, singing and poetry competitions in their mother tongue. The University strongly advocates and promotes the concept of global citizenship, equal opportunities and balanced representation in building liveable society.

**Events like Punjab Film Festival and Punjab Literary Fest** is organised to make the students aware of communal and socio-economical and linguistic diversities. In both the events movies and literary talks covered India from Kashmir to Kanyakumari.

In the annual cultural festival, the students from different states like Andhra, Telangana, Jammu and

Kashmir, Punjab and different countries like Bhutan, Nepal, Africa participate and represent their culture, the students turnout in large numbers to take part with great enthusiasm and demonstrate their talent through their artistic, cultural and technical performances.

As at our university students from many language groups Punjabi, Hindi, Telgu, English, Nepali, Dzongkha, Bhojpuri, Haryanvi etc. study together which helps in peer learning and opens global perspective to students. With the help of clubs and society university firmly provides an inclusive environment for teaching and learning

University generates this feeling of global citizenship not only in the students but also in the faculty via youth-run, non-governmental and not-for-profit organization AIESEC which helps in cultural exchange. Every year University provides opportunities of cross-culture internship and knowledge exchange programs.

File Description	Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

#### **7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).**

##### **Response:**

The GNA University sensitizes students and employees to the constitutional obligation: Values, Rights, Duties and responsibilities of the citizens by organizing various activities. The University has its own Value charter that sensitizes the students about the following Core Values being a GUiite. Core values promoted by University are as following:

**T- Trust**

**T- Transparency**

**T- Team work**

**P- Passion**

**F- Freedom**

**D- Dignity**

**Keeping to the core values:**



Students are sensitised towards keeping close to their core values. To infuse patriotic fervour amongst students, all the main events on the campus are succeeded with the singing of National Anthem. All the national festivals celebrated with full rigour and patriotism, witness participation of large number of students. These core values are inculcated in students with various activities as **Trust and Team Work** is generated in them by putting them into certain project as during the GoKart students get a chance to work together as a team and learned to trust team mates. GUites understands the value of **Transparency** and practice it in its all doings as in Scrutiny of answer sheets complete transparency is being adopted. Students exhibit their core value of **Passion** in every event they participate be it an Inter-university event or Intra-departmental activity. In the events like Parliamentary debate and Declamation Competition they always use their **Freedom** to speech. Promoting and advocating these core values generates a sense of **Dignity** amongst students.

### **Sensitising about fundamental rights:**

Students are regularly sensitised for their fundamental rights and duties. Constitution of India subject is mandatory for all the students of engineering. Various talks by renowned personalities help the children understand their rights and duties in true sense. *Awareness drives* are conducted to sensitize students for exercising their voting rights

### **Responsibilities of citizens**

- The staff and students are encouraged to follow the principle of *reduce, reuse and recycle*.
- With 15% of the campus dedicated for green area and the Campus is designated as Green-campus. The university has *zero tolerance to harm to the green area*.
- Various boards are displayed to *reduce the consumption of electricity*. *LED lighting* is extensively used to reduce the consumption.
- Students and faculty are encouraged to *use public transport* facility or opt carpools. The Institute has fleet of buses, commuting to bring faculty and students from neighbouring areas within radius of 50 km, thus, contributing to *reduce carbon footprint*.
- The Faculty participate in various national drives such as *Digital India, Start-up India, Swachh Bharat, Make-in India movement*, through workshops, seminars, awareness sessions.
- The University has unit of National Service Scheme (NSS), which consistently *serve the society* with various initiatives of *cleanliness, tree plantation, environment, upliftment of education and social service*.
- The University has adopted five neighbouring villages under the *University's social responsibility*. Several outreach activities are organised in these villages for improving the living standards of its occupants. Activities like tree plantation drives, Blood donation camps, Swachh Bharat campaigns, medical check up camps, social cause awareness through 'Nukad natak' are conducted.

### **7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**

#### 4. Annual awareness programmes on Code of Conduct are organized

**Response:** B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View Document</a>
Code of ethics policy document	<a href="#">View Document</a>

#### 7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

**Response:**

**GNA University** emphasises on the holistic development of students by organising several events of national and international importance. Celebration of festivals is an integral part of learning process to build strong educational connect and cultivates the respect and understanding for other's traditions.

**Independence Day and Republic day** are celebrated every year with pride and grandeur to commemorate sacrifice of patriotic heroes. **Reminiscing the glory of all the great leaders**, these days are celebrated with patriotism in hearts, marked with parades from the guards, NCC and the NSS units. Every year on Republic Day, the theme is different and the students participate and present something creative and novel to honour our nation with various patriotic cultural performances organised in the form of competitions.

The NSS unit organises run for different days like **Freedom from breast cancer, Rashtriya Ekta Diwas**. Many days are celebrated by taking a **pledge to uphold the nation's unity** like **National Unity Day, New Pledge India, Ek Bharat Shreshtha Bharat, Swachhta Abhiyan, National Constitution Day, Vigilance Awareness Week and Drug abuse prevention**, etc.

To honour the foundation of generations, **Teacher's Day** is celebrated on 5th September on Dr Sarvepalli Radhakrishnan's birth anniversary. Teachers get involved in various fun-filled activities from all the departments. Students pay their tribute to their teachers.

**Ethnic festivals of Punjab** viz., Lohri (with the lure of Punjabi folk dances along with bonfire) and Basant Panchami (with Saraswati Pujan ceremony) are celebrated, where the students perform various dance and singing items to preserve and practice Indian culture.

Many other events are celebrated with great enthusiasm viz., **Hindi Diwas, Gandhi Jayanti,**

**Science Day, Engineer's Day, Literacy Day, World Student Day, World Sight Day, World Mental Health Day, World Tourism Day, World Animation Day.**

**"Matribhasha Diwas"** is celebrated, in which the students take part in calligraphy, singing and poetry competitions in their mother tongue.

**International Women's Day** is celebrated annually with great zeal and passion. The day marks a call to action for *accelerating gender parity*.

**World AIDS Day** is celebrated to raise awareness about the causes of HIV infection. Students display their artistic skills and are sensitised through various activities conducted on this day.

NSS wing celebrates **International Yoga day**, focusing on the physical, mental and spiritual well-being of its Faculty, students and staff members.

To increase the green cover and reduce the effects of global warming, **World Environment Day** is celebrated.

To familiarize our students with global legacy, on **World Tourism Day** every year students from different countries showcase their rich cultural heritage.

**Fresher's Party** is organised to welcome fresh students, **Farewell Party** to bid farewell to outgoing batch and **Convocation ceremony** to celebrate graduation.

File Description	Document
Geotagged photographs of some of the events	<a href="#">View Document</a>
Annual report of the celebrations and commemorative events for the last five years	<a href="#">View Document</a>

## 7.2 Best Practices

**7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.**

**Response:**

**Best Practice- I**

**Title of the Practice:** Involvement of Industry in Teaching Learning Process

To address the problem of employability because of gap in what educational institutions are delivering and what is the requirement of industry in terms of technical and soft skills, In 2016, GNA University has put in place the practice of involvement of industry professionals in all the key activities which contribute to the personality of the student.

**Objectives of the Practice:**

1. Development of curriculum in consultation with industry

2. Providing opportunity to the students to learn by hands on practice and applying the knowledge by working in industry during internships which is a mandatory requirement in all the curriculum
3. Involving industry experts in the teaching
4. Establishing labs in collaboration with industry
5. Enabling students to address industry problems by working on industry projects
6. Improving the employability of the students

**The Context:** Industry is one of the largest venues of employment. However, the commonly felt challenge by industry is a severe paucity of job-ready personnel. To address this situation the GNA University has introduced the present practice. Industry dynamics are ever changing, this practice helps the students in achieving the industry competitiveness and making them employable. The program and course structure are academically redesigned to meet the needs of the industry and making the student globally competitive. While designing the curriculum, the regulatory body requirements and guidelines are duly considered along with industry inputs. Both are strategically combined and embedded to meet the need of hour.

**The Practice:** Every department in the University has Board of Advisors which constitutes five industry experts, three academicians and dean of the faculty as members. They meet at least once a year to review the curriculum in context with industry requirements before the meeting of the Board of Studies. Board of Studies meeting also have industry experts in the constitution which also enables the respective department and faculty to amend the syllabus as per industry requirements. Students are sent to relevant industry for the hands on practice. Along with this, before they visit industry they are duly trained on well equipped labs in the University. It is mandatory for the student to complete the required credits satisfactorily to earn the degree. All the programs at the University have the focus on experiential learning, industrial internships, learning to learn principles, flexible, credit-based study programs and holistic development of personality which in turn will ensure employability of the students.

**Evidence of success:** Various industry collaborated courses are introduced for the students of Engineering and Management. Our students are getting internships with remuneration because of the fact that they are already trained on the emerging technologies. We have 1488 subjects being taught across the university in different faculties. This has increased the placement percentage by 50%. Adjunct and Visiting faculty from industry is invited for the delivery of lectures on specific modules and sharing their experiences with the students on industry requirements. Students are being given various industry specific value-added courses that can enable them to grab the best employment opportunities. Every semester 250 workshops and guest lectures are organised. Students are personally mentored on the various problems which they face during their journey of learning. They are given the opportunity to work on the practical problems given by the industry. As a result, they acquire hands-on real-time experience before they get finally placed. Many workshops, guest lectures and conclaves are instrumental in achieving this.

#### **Problems encountered:**

Though the industry academia collaboration gives the strength to the student's competency development, but sometimes a few problems occur e.g., Students are not ready to move out of their local area of residence to get the experience. Another challenge which is faced during the process is ever changing technology and update of the software of the industry. In that case, special training programs and workshops are arranged to combat the requirement. Challenge creeps in the process because of ever changing demand of industry and ever-changing technology. University sometimes is not able to understand the depth of the requirement.

## Best Practices 2

### In-house Kitchen Garden

With an aim to impart the skills regarding organic farming practice among the students of Faculty of Hospitality, an In-house kitchen garden has been maintained by the hospitality students. Since 2017, Volunteers of the kitchen club are taking care of the kitchen garden on rotational basis.

### Objectives

The In-house kitchen garden aims to:

- Motivate the students towards organic farming and healthy eating practices.
- Strengthen the basic knowledge about growing various vegetables in houses.
- Train and encourage students to grow their own kitchen gardens and help others to do so
- Inculcate best practices to grow, identify and right use micro herbs in various culinary operations.
- Impart the practical skills for testing & identifying fresh vegetables of different categories as brassica, roots & tubers, leafy vegetables etc.

### Context

To address the major issue arising with excessive use of pesticides and fertilizers which are causing worse effect on the health of inhabitants now days, an in-house kitchen garden has been developed in the campus of GNA University. The kitchen garden is fully managed by the students of hospitality which creates a sense of belongingness and healthy eating. Further, it is via kitchen garden Faculty of hospitality is aiming to spread a message to the community to grow daily used agricultural products in-house with minimum use of fertilizers and pesticides which in turn will make a positive effect on the health in long run.

### The Practice

Students were involved in below mentioned practices: -

1. Growing micro herbs using various seeds
2. Sowing seeds for various vegetables.
3. Plantation of plantlets for vegetables.
4. Watering the crops on scheduled days.
5. Making duty roasters for various batches.
6. Preserving seeds from fully grown plants.

### Evidence of success

Feedback from students was the first evidence of successful results from this practice. In the campus, we grow seasonal vegetables like spinach, capsicum, lady finger, broccoli, potatoes, ginger, garlic, coriander, mint, oregano, basil, mint, bay leaves, parsley etc.

300 to 400 students of Faculty of Hospitality participate in the regular activity of the In Campus activity of

growing and maintaining the vegetables.

Secondly, during interactions with the parents, it was found that students have discussed the facts about organic farming with their parents and neighbours too.

Thirdly, some of the students have also developed their kitchen gardens at home. Most of the girl students have shown pictures of herbs like mint, coriander, basic grown at homes in gardens even in pots at the roof tops of houses.

Further, students have started discussing about the quality and the shelf life of vegetables and fruits ordered from the market. Learning about the tests for the freshness of various vegetable categories helped the students to take note on fresh eating.

### **Problems Encountered and Resources Required**

The biggest problem encountered during the up keeping of in-house garden was the dress code and uniform maintenance for the involved students. As the students involved were actively working in the garden, multiple reports have been received in the concern which was easily sorted out by taking permission to allow students on kitchen garden duty to be in casuals for the duty days.

Being from farming backgrounds, students have really enjoyed and produced efficient results in practicing kitchen garden at GNA University campus.

## **7.3 Institutional Distinctiveness**

### **7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

#### **Response:**

#### **Institutional Distinctiveness: Community Radio**

GNA University takes immense pride in being the uniquely distinctive campus in the Phagwara region possessing the license for the Community Radio. We got the LOI signed in February 2020 but due to COVID-19 situation, we got Grant of Permission Agreement (GOPA) signed in June 2020. GNA University is always known to be an organization with difference. The University always pursues things and tasks for the goodwill of the community at a larger level. Keeping the same fervor intact, this Community Radio will also execute activities that will cover all the levels of society along with imparting them the necessary life skills, the apt education and hands on training that will make them self-reliant and self-sufficient in every walk of their life. Impromptu after attaining the necessary license, the University has already framed a plan of community-based activities to be executed under this project.

As the vicinity of the University is surrounded by lush green field and villages, so the University will be wholeheartedly working in collaboration with the farmers from the nearby villages of Dhaddey, Khatti, Lakhpur, Ranipur, Rawalpindi and so on to provide timely assistance and guidance to the farmers for saving and nourishing their vegetation. Time to time programmes will be arranged under the Community

Radio for the upliftment of farming and agricultural community.

Keeping in view the soaring rates of the COVID19 cases, the Community Radio is on its way to arrange counselling sessions on the need of the vaccination. Under this project, repetitive vaccination drives are also planned. Proper awareness on health, safety and hygiene will be taken into account. The Community Radio will also make sincere endeavors in distribution of safety tools like sanitizers, etc.

The Community Radio will also pay heed on Naturopathy and Ayurveda. Special awareness camps will be arranged in community halls where the doctors holding the best practices in the field of Ayurveda will hold sessions updating the need of going back to the ancestral way of dealing with problems. The Community Radio will guide the people of the nearby villages to identify the root cause of their illness and eradicate their problems with natural herbs available in their own kitchen.

The Community Radio also has on its cards to arrange programmes not only for the specially challenged people, but also the destitute of the villages. Special efforts will be made to make these physically or mentally challenged people feel loved. Certain activities will be organized in an infotainment way where they will be getting a fair chance of acquiring some necessary survival skills and fun based learning to know the value of good health, hygiene and safety.

The Community Radio will drive its focus on holding up career counselling programmes wherein passed out candidates of grade 12 will be urged to attend one on one counselling sessions with subject experts so as to seek the apt career programme of their choice. Even special endeavours will be rendered in the direction of improving their command on English language in all the 4 skills- LSRW along with sound vocabulary, so that they become comfortable and accustomed with the language and gain the necessary employability skills for their impending future. The Community Radio will also provide certain story books with ample visual aids so that the curious language acquirers feel inclined to delve into developing the habit of reading. Not only this, the Community Radio will even execute training in computer literacy, but also will arrange certain quiz competitions for the youth to enrich their storehouse of general knowledge and current affairs.

The Community Radio will even identify and offer mobile etiquette to the zealous people from every age group. Despite this, even a few jobs will be given to these people in the capacity of a tele-caller. Many desired skills like grooming and personality sessions will be arranged for the inquisitive students to improve their personality and stand befitting for any front office job needed in the current scenario.

The Community Radio will even arrange certain live musical events to unleash the hidden talent of the youth pertaining to prodigies in music. Some special awards will also be offered to the talented people for putting in the forefront their mellifluous journey of singing. Even the identified talented youth may be invited to represent his own village at events organized in the city or at GNA University.

The Community Record will make its complete efforts in making and delivering effective presentations. Not only this, the candidate will be taught the art of dealing with people of any age group and hence developing their sharp interpersonal skills. Along with this, the Community Radio will also develop strong analytical and critical thinking skills leaving the candidate deft enough in knowing what's right and wrong for him. During the various management drills, the Community Radio will teach the candidates the art of quick decision making.

Apart from all the above mentioned program highlights, the Community Radio will also indulge with full

zeal and enthusiasm in motivating the people and lack guidance in creating a fervor in them to pursue the things of their choice and making them realize their true worth and capability. The Community Radio will make dire and sincere endeavors in organizing motivational lectures from the people in industry and academia, so that the inquisitive youth feel inclined and determined to take up the adventure road of pursuing the hobbies of their choice and make a difference in their lives and the community at a larger end. So the Community Radio will also execute some skill based project from the MHRD and make these candidates self-sufficient for a happier life ahead.

A survey of the activities to be taken on air and the team from the department of Journalism and mass communication is planning the broadcast list to be followed in the days to come.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>



## 5. CONCLUSION

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### **Additional Information :**

GNA University is striving to be the aspiring institution in the region.

### **Concluding Remarks :**

As a part of its NAAC accreditation process GNA University is submitting the SSR prepared by IQAC with best of its knowledge and efforts. GNA University with its Values i.e. T3PFD stands for T- Trust, T- Transparency, T-Team work, P-Passion, F-Freedom-Dignity is dedicated to provide the best place to its stakeholders. The university is committed to excellence in teaching, research and serve the society and aspires to serve the higher education needs of the Region.

GNA University is working hard towards its Vision and Mission. The University has enough potential and facilities that would help the society to get its future Leaders. The students of University are not only trained to be as best citizens of the country but as to create a difference in the society. *To Conclude*, we at GNA University feel proud in spreading the education by bridging the gap in academia and industry and is committed to quality Teaching and make a difference in the lives of students.