



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1.Name of the Institution

**GITA AUTONOMOUS COLLEGE,
Bhubaneswar**

- Name of the Head of the institution **Dr. MANMATHA KUMAR ROUL**
- Designation **PRINCIPAL**
- Does the institution function from its own campus? **Yes**
- Phone No. of the Principal **06742538660**
- Alternate phone No. **8260045006**
- Mobile No. (Principal) **8260045006**
- Registered e-mail ID (Principal) **PRINCIPAL@GITA.EDU.IN**
- Address **At-Badaraghunathpur, PO- Madanpur**
- City/Town **Bhubaneswar**
- State/UT **Odisha**
- Pin Code **752054**

2.Institutional status

- Autonomous Status (Provide the date of conferment of Autonomy) **23/02/2021**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status

Self-financing

- Name of the IQAC Co-ordinator/Director Prof. Narasinga Prasad Patro
- Phone No. 06742538660
- Mobile No: 9078075042
- IQAC e-mail ID nppatro@gita.edu.in

3.Website address (Web link of the AQAR (Previous Academic Year)

https://www.gita.edu.in/IQAC/AQAR/AQAR_20_21.pdf

4.Was the Academic Calendar prepared for that year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

https://www.gita.edu.in/IQAC/AQAR/cal21_22.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.30	2015	11/05/2015	10/05/2020
Cycle 2	A	3.30	2020	11/05/2020	31/12/2025

6.Date of Establishment of IQAC

15/06/2012

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
GITA AUTONOMOUS COLLEGE	AICTE IDEA LAB	AICTE	16/06/2021	122.88L

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI [View File](#)

9.No. of IQAC meetings held during the year 4

- Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? **Yes**
- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Did IQAC receive funding from any funding agency to support its activities during the year? No

- If yes, mention the amount

11.Significant contributions made by IQAC during the current year (maximum five bullets)

NIRF Ranking within Top 250 Engineering Colleges in India

Three boys' Hostels were repaired and renovated

MOU was signed with Capgemini Technologies Services India Ltd

The new AICTE-IDEA Lab has been Populated with modern equipment like a new CNC Router, a Lessor Cutter, A PCB making M/c, and two numbers of 3D printers.

Approval for a new hostel for international students have been obtained and its construction has started.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
NIRF ranking must improve to at least one level	NIRF ranking improved from within 300 to within 250 institutes
Three hostels out of 17 boys' hostels needs renovation	Hostel Nos 10, 03, 02 were renovated and a new floor being erected on Hostel No. 07
Approval for a new Hostel of International standard should be sought	Approval for a new hostel has arrived and its construction has started.
One more Recruiting Company shall be inducted with a MOU	MOU was signed with Capgemini Technologies Services India Ltd
The new AICTE-IDEA Lab shall be Populated with modern equipment	A new CNC Router, a Lessor Cutter, A PCB making M/c, and two numbers of 3D printers were inducted into the Idea Lab

13. Was the AQAR placed before the statutory body? Nil

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
GOVERNING BODY	11/04/2022

14. Was the institutional data submitted to AISHE ? Yes

- Year

Part A

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• Type of Institution	Co-education
• Location	Urban
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• Name of the IQAC Co-ordinator/Director	Prof. Narasinga Prasad Patro

• Phone No.	06742538660				
• Mobile No:	9078075042				
• IQAC e-mail ID	nppatro@gita.edu.in				
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• if yes, whether it is uploaded in the Institutional website Web link:	https://www.gita.edu.in/IQAC/AQAR/cal21_22.pdf				
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Cycle 2	A	3.30	2020	11/05/2020	31/12/2025
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Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
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9.No. of IQAC meetings held during the year			4		
• Were the minutes of IQAC meeting(s) and compliance to the decisions taken	Yes				

uploaded on the institutional website?		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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<ul style="list-style-type: none"> If yes, mention the amount 		
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<ul style="list-style-type: none"> Name of the statutory body 	
Name of the statutory body	Date of meeting(s)
GOVERNING BODY	11/04/2022
14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> Year 	
Year	Date of Submission
2021	18/06/2021
15. Multidisciplinary / interdisciplinary	
<p>The three names all allude to the engagement of various disciplines to varied degrees along the same continuum. Multidisciplinary, interdisciplinary, and transdisciplinary terms</p>	

are additive, interactive, and holistic, respectively. These phrases should not be used interchangeably because they have different meanings. When the nature of many disciplines' involvement is uncertain or unspecified, the more broad term "multiple disciplinary" is suggested. While multidisciplinary teams are excellent for complicated challenges, they are not necessarily required in every project.

We have started a few unconventional initiatives at GACB.

1. A student could get an honours degree by successfully completing twenty credits of Mooc Courses during course work.
2. As a dual degree, a student could obtain a minor degree in any other programme at the institute in addition to his academic degree.
3. A faculty member could get new proficiency in another subject in order to teach the new subject.

16.Academic bank of credits (ABC):

Academic Bank of Credits was founded along the lines of the National Academic Depository (NAD), in that NAD serves as the backbone of ABC, storing students' academic data and academic prizes (i.e. storehouse of academic awards). Despite the fact that ABC allows students to register or begin credit transfer, the ultimate results of credit redemption and certificate issuing, as well as the compilation of award records, are managed by academic institutions through the NAD Platform. As the owner of academic prizes, Academic Institutions must register themselves under ABC via NAD.

GACB is studying the procedures to implement it during the next academic session.

17.Skill development:

- **Technical Institutions' Start-Up Policy:** GACB has an approved Incubation Centre for facilitating start-ups by GACB students and any other aspiring entrepreneur.
- **Pradhan Mantri Kaushal Vikas Yojna for Technical Institutions (PMKVY-TI):** GACB has completed one batch for training evaluation and certification.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

A comprehensive educational system modelled after India's rich

linguistic, cultural, and creative legacy is what the National Education Policy 2020 envisions. The promotion of Indian arts and culture is considered to be of utmost importance, and it could be effectively transmitted by incorporating Indian arts into the core curriculum. This would enable the students to not only develop a strong sense of identity and aesthetic outlook, but it would also help them to develop their creative and cognitive skills.

GACB has added a two credit course in each programme on the Universal Humane Values.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Primary objective of the institute is to create Techno- Managerial power for the global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in local, regional,national and global level with all necessary fundamentals. Factors for Curriculum Design:

The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude.

The factors considered for design of curriculum are: (i) Syllabus of the Universities (Biju Patnaik University and technology) (ii) Model curriculum prescribed by AICTE and University, (iii) The Program Specific Outcomes of the department , approved by department academic advisory committee through feedback from internal and external stake holder (v) Course beyond Syllabi of various competitive exams like GATE, IES, etc, Implementation of Outcome Based Education (OBE) in the Curriculum: ? The initial phase for ensuring academic quality is the strict followerof the university curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations. ? The next phase, the Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program. ? An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes. Specific to every program, we have 5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni. The

Institute keenly observes the attainments of PEO, PO and PSO for the respective programs which intern relates to Vision and Mission of the institution and Department as well.

Process for Curriculum Design:

A Notice is issued/circulated to all faculty members to go through the syllabus that is published in University website. Accordingly a meeting is conducted to discuss whether the syllabus is sufficient enough to meet the POs & PSOs. Faculties express their views regarding the same by collecting data from other institute, industry, Alumni and Internet etc. After going through the proper analysis pertaining to the syllabus with respect to the curriculum, the Department listed the subjects where a gap prevailed/generated to meet the curriculum. Further the following steps taken to fulfil the gap generated (if any) for the same.

? Letter to University regarding the above matter. ? Design course beyond Syllabus. ? Conduct technical discussion by subject experts.

GITA ATONOMOUS COLLEGE, BHUBANESWAR

An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes. Specific to every program, we have

5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni. The PEOs, PSOs and POs of each department is also displayed in website (www.gita.edu.in) The syllabus of every departments of the institute follows the university curriculum. However the department of electronics and communication engineering provides different extra teaching or lessons to the students pertaining to some subjects where the curriculum does not fit with the programme outcomes and program specific outcomes.

To enhance the practical knowledge of the students, electronics and communication engineering department has developed a IoT and embed system laboratory for hands-on- activities by the students. Apart from the basic courses Guest Lectures, Workshops and seminars are also conducted for the improvement of knowledge and skill expertise. Beside the technical courses related to each of the specific programme, few courses having social relevance satisfying the local needs and also some courses are also framed to integrate the national movements like START UP

INDIA, UJWAL BHARAT, AZADI KA AMRIT MAHOTSAV etc. and the details of courses are given below. Courses in Curriculum Linkages to Local Needs

Linkage

(PO/PSO/CO)

Course Code Course Name Impact PO PSO CO

RIO6T008 IoT Smart Cities Mission

Programme

2, 3, 4,

5, 6, 7

1,2,3 1,2,3,

4,5

RES1A009 Embedded System Smart Cities Mission

Programme

2, 3, 4,

5, 6, 7

1,2,3 1,2,3,

4,5

RMM1C011 Microprocessor and
Microcontroller

Smart Cities Mission

Programme

2, 3, 4,

5

1,2,3 1,2,3,

4,5

RPR6T013 Project Smart Cities Mission

Programme

1, 2, 3,

4, 5,9,

11

1,2,3 1,2,3,

4,5

RIO6L0012 IoT Lab Smart Cities Mission

Programme

1, 2, 3,
4, 5,9,
11
1,2,3 1,2,3,
4,5

Courses in Curriculum Linkage to Regional Needs

Linkage

Course code Course Name Impact PO PSO CO
RWC6T0015 Wireless communication Smart Cities Mission
Programme

2, 3, 4 1,3 1,2,3,
4,5

RIO6T008 IoT Smart Cities Mission
Programme

2, 3, 4,
5, 6, 7
1,2,3 1,2,3,
4,5

RES1A009 Embedded System Smart Cities Mission
Programme

2, 3, 4,
5, 6, 7
1,2,3 1,2,3,
4,5

RMM1C011 Microprocessor and
Microcontroller

Smart Cities Mission
Programme

2, 3, 4,
5
1,2,3 1,2,3,
4,5

Courses in Curriculum Linkage to National Needs

Linkage

Course code	Course Name	Impact	PO	PSO	CO
ROT1T016	Optimization Techniques				
	IMPActing Research				
	INnovation and				
	Technology				
	(IMPRINT)- India				
	1, 2, 3,				
	4				
	2 1,2,3,				
	4,5				
	RBD1A023 Big data Analytics Digital India				
	2, 3, 4,				
	5, 6, 7				
	1,2,3 1,2,3,				
	4,5				
	REN1P034 Entrepreneurship Start Up India				
	1, 2, 3,				
	4, 5, 6,				
	7, 8, 9,				
	11, 12				
	1,2,3 1,2,3,				
	4,5				
	RAE3C035				
	RDS3D034				
	AEC, DSD Digital India				
	2, 3, 4,				
	5, 6, 7				
	1,2,3 1,2,3,				
	4,5				
	RPG8M039 Programming Skill India				
	2, 3, 4,				
	5, 6, 7				
	1,2,3 1,2,3,				
	4,5				
	Courses in Curriculum Linkage to global				
	Needs				
	Linkage				
	Article Name Publisher Impact				
	PO PSO CO				
	Computation of				

Refractive Indices of
Corona Viruses
through Reverse
Calculation

Current Optics and
Photonics

DOI:

10.1364/COPP.4.000566

Vol. 4, Issue 6, pp. 566-
570 (2020)

Available in WHO
Database

Health Care 1, 3, 6,
7, 12
2, 3 3

A proposal for
testing kit of corona
viruses using 3D
photonic structure

Microsystem
Technologies,
Springer, 27(7), 2021,
2823-2827

DOI:

10.1007/s00542-020-
05050-x

Available in WHO
Database

Health Care 1, 3, 6,
7, 12
2, 3 1

Apart from the basic courses, Guest Lectures/ Workshops/
Seminars/ Branch TechFest are
also conducted for the improvement of knowledge and skill
expertise.

Name of
Programme

Title of programme Date Initiative Linkage
POs PSOs

Workshop Hands on IoT using
Arduino and Raspberry
Pi

21-01-2022

to

22-01-2022

Smart City,
healthcare,
Transport,
Medicine,
Logistic etc.

1,2,3,6,7,12 1,2,3

Visiting
Faculty

Advancement of optical
fiber technology using
machine learning by
Prof. Mihir Narayan
Mohanty

Chip Design by Er.
Tanmaya Kumar Dhir
(Intel Ondia)

19-12-2021

to

24-12-2021

21-3-2022

to

26-3-2022

Make in India

Make in India

1,

2,3,4,5,12

1,2,3,4,5,12

2,3

1,2,3

Seminar Recent Development on

IoT

26-11-2022

to

27-11-2021

Smart City,
healthcare,
Transport,
Medicine,
Logistic etc.

1,2,3,6,7,12 1,2

TechFest Vidyut
(Urja -Technical
Magazine)

08-01-2022

to

09-01-2022

Skill India 1,3,8,9,12 1,2,3

Projects ? AI Based Robotic
? Understanding of
target and
attainment Levels
for autonomous and
Non autonomous
college's
? IoT based garbage
dustbin monitoring
? Firefighting Robot
? IoT based solar
Power generation
surveillance

Project for the
year of
2021-22

Smart City,
healthcare,
Transport,
Medicine,
Logistic etc.

1, 2, 3, 4,
5,9, 11

1,2,3

20.Distance education/online education:

Distance education has not been introduced by GITA AUTONOMOUS COLLEGE, Bhubaneswar. However online education facilities are available incampus like preparation of course material, digitisation and dissemination. These facilities came handy during pandemic shut downs. During the extended shut downs only the classes were conducted online, seminars, assignments, conferences, and proctored examinations were also conducted successfully. We have found online classes has several advantages. And these advantages shall also be accrued for Distance Education also. A few advantages Distance Education/Online Education are listed below:

Variety of programs and courses

Lower total costs

More comfortable learning environment

Convenience and flexibility

More interaction and greater ability to concentrate

Career Advancement

Continue in your profession

Avoid commuting

Improve your technical skills

The ability to attend class no matter the circumstances

Extended Profile

1.Programme	
1.1	17
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.Student	
2.1	1029
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	View File
2.2	1005
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
2.3	1005
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.Academic	
3.1	542
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.2	287
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File
3.3 Number of sanctioned posts for the year:	287
4. Institution	
4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	243
4.2 Total number of Classrooms and Seminar halls	102
4.3 Total number of computers on campus for academic purposes	1192
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	1012
Part B	
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 are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.	
<p>Factors for Curriculum Design:</p> <p>The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. The factors considered for design of curriculum are: (i) Syllabus of various reputed Indian and International Universities (ii) Model curriculum prescribed by AICTE, (iii) The Program Specific Outcomes of professional bodies, (iv) Suggestions by industry experts and alumni, (v) Syllabi of various competitive exams like GATE, IES, etc,</p>	

Implementation of Outcome Based Education (OBE) in the Curriculum:

- The initial phase for ensuring academic quality is the design of the curriculum, in particular, the types of courses, the number of electives, and the curricular structure, with complete details of the course title and course contents as per the regulations.
- The next phase, the Course Outcomes (COs) for every course is mapped with the Program Outcomes (POs) of NBA and the Program Specific Outcomes (PSOs) of the program.
- An effective implementation of this Outcomes Based Education (OBE) ensures that our graduating engineers have all the 12 POs defined by NBA, and hence can compete on a global platform, and have expected global attributes. Specific to every program, we have 3-5 Program Educational Objectives (PEOs) that are measured through the performance of the alumni.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year**12**

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	View File

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year**19**

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

17

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

22

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Our Institution integrates Cross-cutting issues of the society

like Gender Equality, Environmental Awareness, Human Values, Professional Ethics, Moral and Ethical Values which are inseparable parts of our curriculum.

Gender Equality:

Every activity and program circular of the institute provides for equal opportunity for the development of the girl students and female staff.

Environmental Awareness:

NSS members along with college students participate in tree plantation and cleanliness programs. Environment awareness is inculcated in students.

Human rights:

Human rights are the basic rights enjoyed by all. We at the institute make sure that no violation of human rights takes place.

Professional ethics: -

Courses describe professionally accepted standards of personal, business and corporate behaviour, values and guiding principles.

Moral and ethical values:

Moral and ethical values are an integral part of the education of the students.

Universal Human Values

It is a proposal about the natural laws, about the reality, as it is - in a way that anyone can explore and understand it in their own right.

Natural Acceptance, leading to self-confidence and self-evolution.

Students are taught how to discriminate between valuable and superficial in real-life situations.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

14

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1115

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1258

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

A. All 4 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://www.gita.edu.in/IOAC/AQAR/SSS.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

B. Feedback collected, analysed and action taken

File Description	Documents
Provide URL for stakeholders' feedback report	https://www.gita.edu.in/IOAC/AQAR/SSS.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1162

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

243

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The GITA AUTONOMOUS COLLEGE organizes an orientation program for the parents and the students at the commencement of the program for the new batch every year. The program would help students and parents get familiarized with the institution, curricular and co-curricular activities, facilities, rules, and regulations, etc. Before the commencement of the classes, the different requirements of the students are identified and addressed at the earliest by way of a strategic approach. Every year students are given training on communication skills, personality development, time management, and motivational sessions. Lateral entry students are given special bridge classes in order to facilitate them smooth on boarding into the 3rd Semester. In order to motivate both the slow and quick learners' workshops are organized to enhance their skills. Awareness creation and skill development through ISDC is a regular affair in the institute for arranging workshops with hands-on sessions to improve students' learning skills. With the active participation of advanced learners as coordinators, both sets of students get benefited. Guest Lectures are arranged for the students to help them gain industry and practical knowledge from the experts

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	3440	286

File Description	Documents
Upload any additional information	View File

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:

GITA AUTONOMOUS COLLEGE provides an excellent platform for students to build the most up-to-date skills, information, attitudes, and values in order to properly shape their behaviour. All departments run unique programs that encourage students' creative abilities, offer them a platform to develop their problem-solving skills, and promote active learning. Students present their learning in the form of unique projects during the institute's annual technical event, INNOVATION. The institute focuses on student-centered techniques for improving students' lifetime learning skills. Faculty members make an effort to make the learning process more engaging by using the student-centric strategies listed below.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://www.gita.edu.in/rr.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Today, in order to be corporate ready, students must learn and master the latest technologies.

As a result, teachers are incorporating technology into traditional modes of instruction in order to engage students in long-term learning. College employs information and communication technology (ICT) in education to support, enhance, and optimize educational delivery.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://www.gita.edu.in/gita/footerlink/gallery.html
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

138

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Preparation and Adherence of Academic Calendar: Every year, the academic calendar is planned in advance by the institution. The academic calendar includes a list of exam dates, seminars, conferences, guest lectures, workshops, and industrial visits, as well as holidays, vacation dates, and festivals. The academic calendar shows the total number of effective working days available in a given semester. The Principal and senior colleagues then prepare the timetable by correlating the working days available and the curriculum coverage of the subjects of each program. As a result, the academic calendar monitors the effective delivery of the program through academic and curricular inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

252

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	View File
Any additional information	View File

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

92

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	View File

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

1488

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

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

64

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

74

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

GITA AUTONOMOUS COLLEGE is a completely ICT-enabled institute and everything related to the examination system is run through ICT. The following diagram represents the DIGITAL PROCESS FLOW of the whole examination system. STUDENT REGISTRATION---EXAM ENROLLMENT---INTERNAL MARKS CAPTURING---DATASHEET CREATION AND CENTER MAPPING---HALL TICKET GENERATION---EXAMINATION ATTENDANCE MARKING---EXTERNAL MARKS CAPTURING---RESULT PROCESSING---SGPA & CGPA PROCESSING---TABLE GENERATION---RESULT PUBLISHING---REPORT CARD GENERATION---PROMOTION

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.gita.edu.in/gita/facilities/OSMf.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution

are stated and displayed on the website and communicated to teachers and students

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

The Institute has the systematic procedure for development, revision and implementation of curriculum of all the departments. The Primary objective of the institute is to create Techno-Managerial power for the global needs. The curriculum is designed carefully by addressing the recent technologies and the opportunities existing in local, regional, national and global level with all necessary fundamentals.

Factors for Curriculum Design:

The Curriculum is designed to ensure that the students have the required domain knowledge, skills and attitude. The factors considered for design of curriculum are: (i) Syllabus of the Universities (Biju Patnaik University and technology) (ii) Model curriculum prescribed by AICTE and University, (iii) The Program Specific Outcomes of the department , approved by department academic advisory committee through feedback from internal and external stake holder (v) Course beyond Syllabi of various competitive exams like GATE, IES, etc,

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

GITA AUTONOMOUS COLLEGE has implemented an outcome-based education mechanism to ensure course and programme outcomes are met. The objectives and outcomes for testing and evaluating students are properly mapped so that PSOs are attained through competency mapping in terms of knowledge and skills.

To ensure that POs and COs are met, departments use both direct

and indirect methods of assessment. In outcome-based education, the feedback mechanism is used to improve the teaching-learning process. Internal assessment is a requirement of continuous assessment and is necessary for meeting the COs and POs. An internal examination committee is in charge of ensuring the effective implementation of evaluation reforms related to course and programme outcomes.

Unit tests, field surveys, study tours, practical work, seminars, and internships, among other things, are initiated by the committee. Furthermore, GACB strives to achieve course and programme outcomes through activities such as cultural activities, N.S.S., Red Cross, Career Counselling, Personality Development Program, and Communication Skills, Organizations of Scholarly Lectures, Health Awareness Programs, and so on.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

971

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://www.gita.edu.in/gita/nbadata/ANR20.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://www.gita.edu.in/IQAC/AQAR/SSSc.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

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

Due to limited resources, the institution may not be able to sponsor all of the academic and student research initiatives. Faculty are encouraged to apply for funding from various organisations and to conduct their research. The institution is willing to grant seed cash or partial funding based on the merit of proposals. The institute motivates teachers by offering rewards for peer-reviewed papers, book writing, and patent registration. It also provides assistance in obtaining funding from agencies and industries. The Institute manages the patent filing procedure, which is guided by the Institute's Research policy. All research proposals seeking financing from various funding bodies are thoroughly reviewed by the research committee. BPUT recognises five research centres including GITA, and full-time research scholars are assigned to these centres. This committee also oversees the impact of research and consulting and guarantees that non-violation of people's privacy, human rights, endangering human health and safety, and inflicting property damage.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.gita.edu.in/admissions/phdadmissions2022/#
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

7.5

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**1**

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****122.88**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

15

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

03

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	0
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institution creates a welcoming environment for innovation and development. All required facilities are present, and students are guided. Students are encouraged to actively participate in the use of technology to satisfy societal needs. Documentation, publication of research papers, and patent acquisition are all

encouraged. There will be entrepreneurship awareness events, workshops, seminars, and guest lectures. Students will have the opportunity to connect with outstanding entrepreneurs who are leaders in their professions. To increase product marketing awareness, Product Service Training is provided.

In the year 2019, the Faculty received one patent for the concept "I-SWITCH: INTELLIGENT SWITCH USING IR RECEIVER AND IR TRANSMITTER". During the last five years, the research centres established at the college have generated 80 PhDs, and 48 research scholars are actively working in these research centres. The Incubation Centre's only purpose is to assist students in transforming their ideas into technological innovations.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/gita/research/research

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

06

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

38

File Description	Documents
URL to the research page on HEI website	https://www.gita.edu.in/admissions/phdadmissions2022/phdlist.php
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

19

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

1

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

495

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

22

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

53.58

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

50

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

Every year, events are developed in which students and faculty volunteer to participate in community-based activities with the surrounding community. Various awareness programmes, workshops, rallies, and roadshows with themes such as cleanliness, green environment & tree planting, gender sensitization, traffic rule awareness, demonetization, and digital payment, and empowerment of girls and women; and assistance to acid-attack survivors are being organized.

Volunteers maintain cleanliness on and around campus, raise awareness about the importance of a clean environment in human

health, and contribute to the National Swachh Bharat Abhiyan. Exposure to extension and outreach activities acquaints students with social concerns as well as legal and social remedies for situations such as domestic violence, dowry, child abuse, beggars, female children, victims of violence, the elderly and infirm, refugees and displaced individuals, and so on. More than 10 Blood Donation camps have been organized during the year. Farmer Training on sustainable agricultural practices and training of rural women.

The activities carried out resulted in the absorption of social responsibility principles such as:

1. Helping those in need and suffering
2. Understanding and sharing the needs of poor children
3. Promoting cleanliness in all aspects of life and common spaces, Juggi regions
4. To develop social ideals and a strong interest in environmental concerns.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	0

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

02

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those

organised in collaboration with industry, community and NGOs)

04

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

497

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

64

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

16

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

GITA Bhubaneswar was established in the year 2004. The college is spread in a 22-acre campus with 5, 00,000sq. ft built-up area, and is permanently affiliated to BPUT. All the departments of Engineering are recognized as SIRO under DISR under Govt. of India. The institute has well-equipped classrooms and laboratories as per the AICTE requirements to cater to the academic needs of the students. KEMPPI, FINLAND, Infosys campus connect lab, UAV lab, NI lab, etc. apart from regular labs, we also have R&D Labs, which fill the gap between the curriculum and industry. Every piece of equipment in the lab is barcoded and all systems are protected with antivirus software. Before the commencement of every semester faculties used to ensure the availability of required software/equipment for the smooth conduction of the labs. The number and area of the classrooms and labs are as per the AICTE norms. Equipment is always checked for wear and tear and replaced with new or repaired ones every semester. Labs are equipped with sufficient hardware and licensed software to run program-specific curriculum and program curriculum. Enough personal computers are available for the smooth conduction of the lab.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	0

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

GITA's outdoor facilities include a 200-meter athletic track and courts for Basketball, Volleyball, Handball, and Throw Ball. There are also dedicated spaces for Indoor sport, including Table Tennis, Badminton, Weightlifting, Power Lifting, Chess, and Caroms. Sports activities occupy a significant part of the college curriculum at GITA Bhubaneswar. GITA also has a large indoor gymnasium facility with areas marked for Yoga, Weight Training, and Cardio exercises. GITA hosts Inter College and Intra College, Volleyball, Cricket tournament for boys and girls every year.

Students with a passion for music and dance are encouraged to perform/take up training in these arts. Every year the teams from GITA Bhubaneswar bag several Cups and Shields and accolades from universities and Govt. Agencies A club unites students to plan nature hikes and other photography-related events for individuals interested in the hobby. There is a sizable presence of SPICMACAY (Society for Promotion of Indian Classical Music and Culture among Youth) at GITA. We have a thriving theatre club to help students who are passionate about writing scripts, acting, designing sets, or staging plays. GITA's literary group brings together voracious readers from throughout the campus. Students have formed a film club that has created numerous short films.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	0

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

82

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

215

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

In 2010, the GITA Central Library was fully automated and controlled with integrated library management software (Libsys). It includes modules such as Acquisition, Cataloguing, Circulation, Serials, and WebOPAC are all services provided by the library. GITA Library issues smart identity cards to students and faculty members in order for them to access library resources. Users may check their transaction data using WebOPAC from anywhere, and they can make book reservations using the online Public Access Catalogue.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

B. Any 3 of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

26

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

243

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute is constantly upgrading its IT infrastructure to satisfy student demand. We are continually adapting to new technologies. GITA AUTONOMOUS COLLEGE automates all academic activities by deploying an in-house LMS. In 2014, our college deployed international open-source MOODLE software. An in-house Maintenance Management System is used to maintain IT facilities (). The student dormitory management is well maintained, giving students online access to control their stay with ease. The college currently has 200MBPS of uninterruptible internet bandwidth from two distinct service providers. The intranet and internet are both accessible via a high capacity optical fibre WiFi network. The Cyberoam Firewall ensures network security, safeguarding enterprises from DoS, DDoS, and IP Spoofing threats.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3440	1192

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus**A. 750 Mbps**

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**A. All four of the above**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/gita/footerlink/gallery.html
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure**4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)**

1385

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

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

The Dean of Administration is in charge of general maintenance and student facility provision. The university has eight maintenance and facility departments. Each department is equipped with office bearers to ensure smooth operation and minimal upkeep.

Consumables and laboratory maintenance are decided in cooperation with the department heads, and are afterwards approved by the Dean of Administration. The Librarian oversees day-to-day operations, and any financial participation is handled through the faculty in charge. There is a faculty member in charge of overseeing the correct maintenance and use of the library.

The department of Computer Science and Engineering is in charge of the institution's computers. The Hardware Engineer identifies necessary maintenance tasks and presents them to the Head of the Department, who approves the maintenance after receiving consent from the Dean of Administration. overseen by the Administrative Officer, who reports to the Dean Administration, and all necessary maintenance work is completed with his approval.

The entire organisational structure of the Maintenance department has been uploaded to the institution's website. The civil structures are regularly maintained, such as repairing, plastering, and painting the college building and hostels. The HOD of the Electrical Engineering Department supervises and certifies the earth pit maintenance. All other day-to-day maintenance is overseen by the Administrative Officer, who reports to the Dean Administration.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/gita/smtclass.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

825

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

258

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	0
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

1903

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year****778**

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education**89**

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year****03**

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities**5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year****09**

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

There is a nominated Student Council in the institution which gets involved in all student-related activities. The Council comprises of students from all the years irrespective of departments and nominated by the Heads of the Departments of the institution. The student council takes an active role during the collection of student feedback and holds regular meetings with the Principal regarding the academic accolades.

1. Organizing cultural activities and sports activities for

students.

2. Communicating problems faced by students to the Principal and management of the college.

3. Maintaining discipline in the college campus.

4. Maintaining college campus clean and green.

5. Participation in extension activities like Swachh Bharat Abhiyan,

Tree Plantation, Yoga Day, Blood Donation, etc.

6. They give their suggestions for the purchase of books, magazines

for the library.

7. Campaign for a ragging-free environment in the College.

The members of the Students' Council are also members of various committees of the institution such as:

1) Anti-Ragging Committee

- 2) Athletic Committee
- 3) NSS Committee
- 4) Alumni Association
- 5) Anti-Sexual Harassment Cell
- 6) Annual Magazine Committee
- 7) Cultural Committee
- 8) Technical Societies
- 9) Discipline Committee
- 10) Hostel and Maintenance Committee

File Description	Documents
Upload any additional information	View File
Paste link for additional information	0

5.3.3 - Number of sports and cultural events / competitions organised by the institution

03

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The representatives of their Alma Mater are GITA Alumni. The Alumni Association of GITA, Bhubaneswar is a registered association. The majority of alumni seek employment in research and development, M.S. and Ph.D. programmes at prestigious

international and Indian universities, multinational corporations, and top positions in both the public and commercial sectors. Many graduates are active entrepreneurs and start-up contributors.

A Few of their charitable programs include teaching unprivileged school kids from the villages near GITA, providing teaching and playing gadgets at orphanages and in deaf and blind schools across Bhubaneswar, organizing counselling camps for mental wellness, extending their supports to a few old age homes in the city and to stand for people during natural calamities. Its BANGALORE CHAPTER is there, working for the last two years for the fellow GITANS in creating opportunities for the deserving candidates in software and corporate sectors. Besides GITA Vintage organizes lectures by eminent alumni in different fields, provides a platform for training, skills and placement programs. GITA Alumni Association

As a run-way for its fellow members to take off as a successful technocrat and to land as a good human being. Seven hundred and eighty-four students have been enrolled as alumni in the year 2021-22.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://gita.edu.in/gita/footerlink/alumni.html

5.4.2 - Alumni's financial contribution during the year

C. 5 Lakhs - 10 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

VISION:

To foster prosperity through technological development by means of education, innovation and collaborative research and emerge as a

premier technical institution in India.

MISSION:

1. To impart quality professional education to students from around the country, so as to nurture innovations, technological advances, discipline and moral ethics.
2. To provide broad based education where students are urged to develop their professional skills.
3. To draw the best expertise in science, technology and management to impart overall training to students in visualizing, synthesizing and executing projects.
4. To incubate a spirit of entrepreneurship and innovation in our students.
5. To undertake sponsored research and provide consultancy services in industrial, educational and other relevant areas of the society.
6. To promote healthy practices such as Community Service, Extension Activities and Innovation Projects for the benefit of the society.

NATURE OF GOVERNANCE:

GACB governance is in conformity with the Institute's Vision and Mission. The Dean Administration is in charge of the College's office administration. The Principal and HODs are given department-level authority. The academic calendar is created based on the academic schedule provided by the affiliating university. The institution enters into MOUs to promote institute-industry engagement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.gita.edu.in/gita/about/vision

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Service Rules are formulated by the governing body of the Institution. They are in accordance with the provisions of AICTE norms and GITA Bhubaneswar rules and regulations. The service rules book is available at the heads of departments and the Central Library, and the information is well known to all Institution employees. Various decentralisation strategies have been used to accelerate decision-making related to academic and administrative activities and to ensure complete transparency.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.gita.edu.in/gita/facilities/OSMf.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The plan also aims to encourage research culture in faculty and students as well as promote a comprehensive system of student mentoring and mentoring. To promote research culture among faculty and students. To provide Internet Facility and Laptops to faculty members. Upgrade Books in Library every year by making provision in Departmental Budget. Promoting faculties to undertake minor and major research projects. Developing a comprehensive system of student mentoring and ensure transparency in the evaluation process.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Governing Council at GITA Bhubaneswarwar is a very active group involved in the monitoring and continuous development of the Institute. The members of this body comprise of people with vast knowledge and experience in the field of academics, research, industry, and administration. There are several committees functioning in the institute to facilitate day to day functions like Anti-Ragging Committee, Grievance Redressal Committee, Internal Compliance Committee, and Staff Selection Committee.

File Description	Documents
Paste link to Organogram on the institution webpage	https://www.gita.edu.in/gita/facilities/OSMf.pdf
Upload any additional information	View File
Paste link for additional Information	0

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Both teaching and non-teaching staff are covered under the Employee's Provident Fund (EPF) scheme. The College contributes 12% of the pay, towards the Employer's contribution to the EPF Scheme. For teaching staff, financial support is provided for attending conferences, workshops and seminars. Staff are also covered under group insurance against accident, death and disablement. In case of any emergency, a personal loan is also

provided to staff in case of an emergency.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	0

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

63

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

05

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

169

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

GITA Bhubaneswar conducts internal and external financial audits regularly. The audit is conducted in accordance with the Auditing standards generally accepted in India. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. Based on such audit, will issue an audit report for a True and Fair view of the financial statements.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	0

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

9.32

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Tuition and fees from students, fees from scholars and grants from BPUT/TEQIP/AICTE/MHRD/UGC are the primary sources of funds for the institution. Short term deposits will be used for monthly salaries

of staff, campus maintenance, resource training, lab consumables, AMC charges for maintenance of Lifts, Air conditioners etc, library books purchases, expenses for workshops, events, club activities, admission process, staff welfare, college promotional expenses etc. Long-term deposits like loans will be made for infrastructure construction or development at the campus. An independent committee is constituted to take care of additional constructional work. Periodic monitoring of the utilization of the funds allocated to the departments.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	0

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Internal Quality Assurance Cell (IQAC) is developed in the institution to maintain and improve educational quality. IQAC meets at least once a quarter, records its deliberations, and proposes changes in academic/administrative tasks as needed. Academics, administration, and staff quality assurance methods are all part of the institutional policy. The institute has a well-defined quality assurance policy that is enforced by effective engagement from all stakeholders.

VISION:

To ensure quality culture as the prime concern for GITA Bhubaneswar through institutionalizing and internalizing all the initiatives taken with internal and external support

PRIME OBJECTIVES:

We aspire for global recognition through a systematic and meticulous transformation of our students into highly motivated Engineers enriched with professional competence, managerial skills, built with dynamism and humanism.

- To develop a quality system for conscious, consistent, and catalytic programmed action to improve the academic and administrative performance of GITA Bhubaneswar.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

STRATEGIES:

Ensuring timely, efficient, and progressive performance of academic, administrative, and financial tasks. Develop quality consciousness among everyone in the institution including Students. Promote, foster, and sustain an environment to achieve academic excellence.

Some of IQAC's contributions throughout 2021 are listed below and submitted to this criterion:

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/IQAC/IQAC.html

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

IQAC reviews the teaching-learning process, structures and methodologies of operations and learning outcomes by introducing several initiatives. Sample suggestion of IQAC is the use of innovative teaching methods; organize Workshops, National conferences, and programs on content beyond syllabus; undertake Research Projects and avail Professional bodies funding; Establish Research Journal of the institute; Motivate faculty for registering for PhD. Learning by doing is imperative in successful learning since it is well proved that more the senses are stimulated, more a person learns and longer he/she retains. Students need to be provided with data and materials necessary to focus their thinking and interaction in the lesson. Faculties are actively involved in directing and guiding the students' analysis of the information. It requires active problem solving by students in finding patterns in the information through their own investigation and analysis.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.gita.edu.in/IQAC/IQAC.html

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://gita.edu.in/IQAC/IQAC.html
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

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 year

Gender equality is defined as "equal treatment for men and women based on their individual needs." This may involve equal treatment or treatment that differs but is deemed similar in terms of rights, benefits, duties, and opportunities (International Labour Office [ILO], 2000).

The goal of education is to form human habits. If this is the case, education must focus on encouraging equal participation of men and women in decision-making, closing the enrolment gap between men and women, ensuring equality in the learning process, educational outputs, and external results, and providing equal

benefits to both sexes.

Gender equity in education implies that males and females have equal opportunities for economic, social, cultural, and political growth. If gender equity is precisely realised, it will contribute more to the future of girls and boys than policies based on boys, and girls will benefit equally from public and private life as boys.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

FACILITIES FOR THE MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE

Contents

Introduction

Solid Waste Management

Liquid Waste

Biomedical Waste Management

E-Waste Management

Waste Water Recycle System**Hazardous Waste and Radioactive waste Management**

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

- 1.Restricted entry of automobiles**
- 2.Use of bicycles/ Battery-powered vehicles**
- 3.Pedestrian-friendly pathways**
- 4.Ban on use of plastic**
- 5.Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	B. Any 3 of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,	B. Any 3 of the above
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reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

GITA provides students with Cultural, Social Service, and Sports Clubs. These clubs assist students in their academic, physical, social, moral, and spiritual development. Maintain a healthy balance of academic and non-academic activities such as sports, cultural, co-curricular, and extracurricular activities. Recognize and develop their talents and abilities. Participate in and win events and competitions at the university, state, national, and international levels. Learn in a supportive environment that encourages the growth of their artistic abilities.

The festival week celebrates youth and vigour in all of its forms, whether physical, intellectual, or extra-curricular. GITA students put their books aside and put on party hats for the next six days. Sri Biranchi Narayan Panda, Vice-Chairman; Dr M.K.Roul, Principal; Cdr. (Dr.) P. Routray, Dean Administration; Prof. Kunal Pattnaik & Saqti Prasanna Mohanty, VP Cultural Society formally opened the fest week.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

GITA Bhubaneswar takes pride in the fact that apart from preparing a sound academic foundation, the Institute constantly works upon to develop them as better citizens of the country. In this regard, apart from imparting professional Technological & Managerial Education, inculcates a feeling of oneness among the student community through various practices and programs. The Institution celebrates the Independence Day & Republic Day with great pomp and vigour. The Institution has organized various academic and co-curricular activities for the propagation of the Fundamental Duties and Rights of the Indian citizens. The students of Institution have enthusiastically participated in various programs like.

Academic programs like Seminar, Conferences, Expert talks, etc. which have enriched the awareness about these aspects. All these visits have been organized to promote awareness about various constitutional and legal obligations.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

B. Any 3 of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

India is renowned for the variety of its festivals and cultures. The institutions assist the students in connecting with their roots and their cultural heritage by instilling the value of the defence, maintenance, and dissemination of Indian culture. As well as engages actively in the "National Flagship Programs" by the local government offices, the university, the MHRD, and AICTE. International Days are also enthusiastically observed. The Institute honours all national heroes on their birthdays and Death commemorations. The event is followed by a lecture or events including elocution, singing, wallpaper, and rangoli contests, among others. On these days of national significance, the institution plans programmes to commemorate the occasions or the contributions of our leaders to the creation of the country and to instil moral and ethical behaviour in students' personal and professional lives.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice - 1**1. Title of the Practice:**

Teaching, Learning and Continuous Monitoring of Academic

Best Practice - 2**1. Title of the Practice:**

Promotion of Research Culture in the College

The Best Practices are provided as an attachment here below:

File Description	Documents
Best practices in the Institutional website	https://gita.edu.in/IQAC/AQAR/bpr.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

GITA Bhubaneswar aspires for exceptional achievement in its envisioned Goals. As a result, the school regularly monitors and improves its teaching and learning technique, teacher development, and the role of mentorship in the institution. The table below shows a sample of final year results with CGPAs ranging from 8 to 9, as well as Gold Medals from the University.

Besides academic performance of the students in the University examinations, the institutions also takes active steps in improving the research culture and innovation eco system for both the faculty members and students.

The students of our institution have participated in various innovative projects and research competitions and have bagged awards in the events and earned glory for the institution. Some of the awards received by our students are given below with the name of the events with the awarding agencies.

File Description	Documents
Appropriate link in the institutional website	https://www.gita.edu.in/IQAC/AQAR/bpr.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

SHORT TERM GOALS

1. The Institute intends to increase faculty publications in the coming academic year in order to focus more on research and development.
2. During the following academic year, the Institute will host at least four international conferences.
3. The Institute will focus more on academic and skill development programmes for students.
4. The Institute will provide programmes to stimulate and support students' entrepreneurial endeavours.
5. The Institute will increase industry-academic interactions in order solve industrial and societal problems.
6. The Institute will improve outreach initiatives for members of the underprivileged community.
7. The Institute will improve communication among stakeholders such as students, instructors, parents, and employers.
8. The Institute will strengthen departmental collaboration and take the lead in inter-institutional collaboration.
9. An environmental audit will be conducted by the Institute.
10. The Institute will increase alumni involvement.
11. The Institute will launch two new undergraduate programmes in emerging fields.
12. The Institute will establish a scheme of one student, one plant.
13. The Institute will motivate each faculty member for a

patent/copyright.

LONGTERM GOALS

1. To obtaining Deemed University status.
2. To begin joint research with universities and industries of international and national repute.
3. To develop at least one creative project from each Department each year and seek for patent rights.
4. To produce at least 10% of the Institution's overall income through consulting and joint initiatives.
5. To be recognised under Section 12(B) of the UGC Act of 1956 in order to get Central Assistance.
6. Each Department shall have one Centre of Excellence established in collaboration with an Industry.