Policy for maintenance and utilization of physical, academic and support facilities on the Goa University campus.

### **Physical facilities**

The physical facilities including Laboratories, Classrooms and Computers, etc. are made available for the students those who are admitted in the University. The students seek admission to the desired courses including a laboratory curriculum. They are charged for the laboratory expenses at the time of the admission as suggested by the Statutory Bodies. Separate grants are also allocated for the maintenance of the laboratories and the classrooms.

The classrooms boards and furniture facilities are utilized regularly for the teaching-learning process but sometimes it is also made available for the other governmental and the non-governmental organizations for conducting the examinations like scholarships, selection and shortlisting of candidates for government jobs, etc. if not in use for the said period.

The University has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, Departments, etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The library is also provided LAN facility for the computers and are loaded with the library software. The Departments and the staff can make use of the computer system with internet at their seating places. In addition, many of the staff and students have their own laptops or mobile phones and are also allowed to register with the Computer Centre of the University to get internet access.

# **Academic and Support Facilities**

The academic support facilities like library, sports and other platforms supporting overall development of the students like NSS or Competitive examination cell, placement cell, etc. is open not only to the University students but also to the students of affiliated colleges of the University. A provision in the budget for the library maintenance is made by the University. The activities like fumigation and keeping library clean is done frequently by library staff. The sport Department of the University is meritorious and some credit defiantly goes to the adequate infrastructure of this Department consisting of the Indoor Hall and the 400 meter running track which can be used by student staff and the local community. The running track and the outdoor facilities are free to use for all the stakeholders.

Teaching Departments are equipped with various teaching-learning facilities (class-rooms, LCDs, laboratories, ICT, etc.). The various general facilities available on the campus and their brief details are listed below. More information is available on the University web-site <a href="https://www.unigoa.ac.in/facilities/estate-management.html">https://www.unigoa.ac.in/facilities/estate-management.html</a>

- Census Microdata: The objective of setting up microdata station is to permit qualified researchers optimum use of anonymized sample microdata from census for in-depth research. Workstation enables the researchers to have access to microdata which is not published by census. Interestingly, this facility would be available to all including those who are not part of the University system.
- 2. Computer Centre: The Centre provides all kinds of IT services to the Administration, faculty as well as the students of the University. It also provides software solutions to the various University activities including Administration, Finance and Examinations. The Centre is also involved in setting up and maintenance of University Management System (UMS) which is now in its implementation stage. Computer network, Internet services and the Data Centre are also the major IT infrastructure which are being provided and maintained by Computer Centre.

- 3. **Counselling**: Counselling facility at the University is available to evolve self-awareness/ self-education through embodied somatic transformative practice. A Counsellor is available for the students as well as teachers on the campus and a separate office is being made available on the campus. The Counsellor also makes visit to the respective Departments to interact with the students and the faculty.
- 4. Directorate of Digital Learning and Initiatives: A set-up called Distance Education, Information and Training Infrastructure (DEITI), funded by MHRD, Government of India and meant to cater distance education to the people of Goa through the satellite technology which includes 25 DRS (Direct Reception System) centres set up at selected Colleges and Higher Secondary Schools covering all 12 Talukas. The facility supplements both formal and non-formal classroom teaching, provides best quality educational content from all over the country and opportunity to interact with leading academicians and decision makers. It is made available for community development programmes organized by the Government and NGOs. This provides a platform to transmit knowledge through training programmes as well as mass awareness programmes for the public, even in the remotest part of Goa. The studio is equipped with the state-of-the-art basic digital audio and video production and editing facilities, the satellite transmitter and two spacious studio halls with proper acoustic treatment. This is also available on the commercial basis for indoor shooting, recording and editing, at reasonable rates.
- 5. Directorate of Research Development & Resource Mobilization (DRDRM): DRDRM processes/reviews all the research proposals to be submitted by the University faculty to the funding agencies. It also co-ordinates between the funding agencies and the Project Investigator at the University for approved projects. Through DRDRM, the University provides incentive to the faculty members for research publications published in SCOPUS/ Web of Knowledge indexed journals. It also acts as a link to develop interactions with industry within and outside Goa to promote participation of industrial experts in teaching and research programmes, industrial research and consultancy work. DRDRM assists Intellectual Property Assessment Committee of the University in assessing the applications submitted by faculty members to file patents. The DDRDM is also involved in the designing and collaborating the research programs at the International level such as European Union.
- 6. **Engineering/ Technical Services Division**: The major responsibilities of this division include planning, obtaining approvals, preparation of cost estimate, tender, execute works, certify (and hand over to concerned Department/Section, once the work is completed) for the following:
  - Construction, development under new projects, associated works and major maintenance work (civil and electrical, renovation/ repairs including painting) of the University buildings.
  - Construction/ maintenance of roads.
  - Establishment, maintenance and distribution of water/ electricity supply/ sewage system.
  - Safety of University buildings, extensions to existing structures/ premises and University's land/ Estate.
  - Housekeeping services to maintain cleanliness in the University buildings and premises including garbage collection keeping in mind Swacch Bharat action plan.
  - Horticulture / gardening and landscaping, making/ fixing sign boards.
  - Control of wild fire and other fire related matters.
  - Disinfestation of University property.
  - Maintenance of furniture, water purifiers.
  - Security provisions at various places including use of electronic surveillance system on the campus and elaborate security arrangements during strikes/ agitations.
  - Maintenance of University vehicles.
  - Execution of transport services.
  - Arrangements during Convocation and other functions.

- Allotment of residential quarters, booking of conference halls and meeting rooms.
- Leasing out University premises and timely collection of rent and other utility charges.
- Maintain record of the flora at the University campus.
- 7. **Guest Houses**: There are two guest houses on the campus with a total of 72 room/ 158 beds. The accommodation is mainly meant for the guests of the University either officially invited or attending the programmes at the University campus including delegates attending Examination duties, Conference, Seminars, Workshops. The International students admitted to different short-term academic programs are also allowed to use this facility.
- 8. **Health Centre**: The University Health Centre is a primary medical care unit on the University campus for the benefit of students, staff and their family members. It provides preventive, curative and promotive services at primary level. The facilities include:

Outpatient examination and treatment

Medical emergencies and first aid

Medical certificates for various needs like hostel admission, driving license, sickness & fitness, etc.

Medical facilities needed during University sports events

Health education and patient counselling

Medical Camps and Information, Education, Communication activities.

Centre for the eradication of the Tuberculosis from India (DOTS).

24 x 7 Ambulance services are available on the campus.

- 9. Hostels: The University provides hostel facility for men (168 beds) as well as women students (336 beds) on the University campus. There are two hostels for men and three for women. One more hostel for women is likely to get ready soon. Priority for accommodation at the University Hostels is given to students who have enrolled for post-graduate programmes and research students at the University campus. All hostels are also having mess facility. Eating in the hostel mess is compulsory for the occupants. Apart from the mess, the hostels are provided with the following facilities
  - a. Wi-Fi Internet connectivity: (1Gbps Fibre optic backbone and 100 Mbps Leased line)
  - b. TV Room
  - c. Sports (Carom, Table Tennis, Badminton and Volleyball) for Women's hostels only
  - d. Bus service during the term on working days at select timings.
- 10. HRDC: The Human Resource Development Centre supported by the UGC arranges refresher, orientation and short-term training courses in various fields for the benefits of teachers as well as officers as per the UGC's guidelines. It is equipped with three air-conditioned spacious well-furnished lecture halls with modern amenities like public address system, projection system and network connectivity. Seating arrangement in all the halls is flexible and can accommodate 40 participants in each hall. An Internet ready computer laboratory with Multimedia Facilities, LCD projector, Scanner, Laser Printer, etc. is available.
- 11. **Library:** The library at the University is a single source of external information. The resources are of hybrid type providing information in the form of print and digital form. The subscribed digital resources have online access all over the campus on the network. Besides, the collection on the CDs and Video need to be consulted within the library. There are more than 2 lakh books (text, reference and e-books), 250 journals, two digital databases and more than 3400 CD/Video collection. It also provides support for Plagiarism check. The library is a nodal centre for Shodhganga and has a publications repository of research articles owned by Goa University.
- 12. **Remote Sensing Laboratory**: This has been established with financial assistance from Indian Space Research Organisation (ISRO). The facilities of the laboratory include hardware consisting

of five computers and software necessary for image processing. Image processing package such as ERDAS IMAGINE has been procured. Different PG level programmes at the Departments of University have a component on the use of remote sensing techniques. This laboratory facilitates resources, provides training to the students who opt for such a course on Remote Sensing or plug a component in their research thereby build the country's need for trained manpower in this field. The laboratory is also being used for the sponsored projects work funded by different agencies like Naval Research Bard, Space Applications Centre, Space Physics Laboratory of VSSC, ISRO and Indian National Centre for Ocean Information Service of MoES, etc.

13. **Seminar halls**: There are a total of six halls available for conducting various meetings, functions/seminars and symposia. The Auditoria are made available to interested parties / Departments on first come - first served basis provided it is not required for University / concerned teaching Department functions. However, these are not for Political parties/activities, etc.

Name of the Hall	Contact person	Seating capacity
Silver Jubilee Hall	University Engineer	500
Senate Hall (With A/C, Sound system, LCD projector)	<u>University Engineer</u>	50
Conference Hall (With A/C, Sound system, LCD projector)	Executive Engineer	154
Seminar Hall Faculty Block B (With A/C, Sound system, LCD projector)	Executive Engineer	130
Auditorium New Science Faculty Block – E, A/B wing	Head, Dept of Biotechnology	150
Auditorium New Science Faculty Block – E, D/E wing	Head, Dept of Chemistry	320

- 14. **Directorate of Foreign Students (DFS):** This directorate advises foreign students seeking admissions at Goa University regarding fulfilment of various admission requirements. After the admission, it assists the foreign students in completing formalities for continuation of their stay at the University till the end of the academic program chosen by the students.
- 15. **Directorate of Student Placement and Alumni Relations (DSPAR)**: This directorate organizes placement fair for students completing the degrees and also seminars and guidance workshops for them. A good number of employers participate and identify smart students suiting to their needs.
- 16. **Sports**: Goa University has rich sports infrastructure at its campus for post-graduate students. Intercollegiate championships, coaching camps for University teams and various intra-mural events for post-graduate students are conducted using this infrastructure.

### Outdoor

Standard 400M Athletics track
Football ground
Volleyball Court
Basketball Court
Concrete batting pitch for net practices
Kabaddi Court
Khokho Court

Cricket ground

Indoor (Silver Jubilee hall)

Chess

Judo

Weight Lifting

**Power Lifting** 

**Best Physique** 

Tennikoit and Taekwondo

**Gymnasium**: A well-equipped gymnasium is available for the use by students and staff of the University on payment of nominal fees. Presently, it is kept open in the morning and evening hours.

**Yoga centre**: The Jubilee Hall is used for conducting Yoga sessions for benefit of students, staff and their family members.

- 17. **University Science Instrumentation Centre (USIC)**: This is a central instrumentation facility of the University consisting of Electronics, Mechanical and Glass Blowing workshops managed by faculties, officers and trained technicians. The work undertaken by USIC can be broadly classified as follows
  - a. Analytical services for sophisticated instruments,
  - b. Maintenance of equipment of Language and Science Laboratory,
  - c. Fabrication of teaching aids,
  - d. Development of new instruments,

The equipment facilities include:

- a. Carl-Ziess Scanning Electron Microscope (SEM),
- b. EDAX facility,
- c. High Vacuum Pump station,
- d. High Temperature Furnaces,
- e. Milling Machine, Lathe Machine,
- f. Drilling Machine, etc.
- 18. **Shyama Prasad Mukherjee Stadium**: Facilities available include air conditioning, HD compliant arena lighting, Broadcast room, TV Studio, Dressing rooms, Delegates area, Dope control rooms, Medical rooms, VIP Lounge, Media Tribune and Media working stations, Press Conference area, Mixed zone area, CCTV camera and vehicle parking. Capacity is 4000 seats.

#### 19. Other Support Units:

a. Goa University Consumer Co-Operative Society:

Goa University Consumer Co-Operative Society has been registered with the Registrar of Co-operative Societies, Govt. of Goa. The objectives of the Society are to encourage thrift, self-help and act as agent for joint purchase of domestic and other requirements of the members.

# b. Bank/ ATM:

State Bank of India (SBI) (Address: Goa University Branch, North Goa. IFSC Code: SBIN0004311; MICR Code: 403002053) operates on the campus. The bank provides ATM facility for cash withdrawal.

c. **Post Office**: Goa University Post Office has a status of sub-office with a PIN code 403206. It offers most of the postal services of routine nature such as: Mail Services, Parcels, Retail Services, Premium Services, Speed Post, It also acts as e-Post Office and offers Financial Services.

## d. General Store:

For daily needs, there are small private shops on the campus that cater to the residents, students and visitors.

### e. Stationery shop:

The writing materials, including paper, envelopes, writing implements and other office supplies are available at the stationery shop counter. Photocopying and binding services are also available.

- f. **Electricity sub-station:** This is under the control of Estate and technical division and caters to the electricity needs by providing services of electricians to various academic and office buildings on the campus.
- g. **Canteen facilities:** Sufficient canteen facilities are available on the campus to cater the needs of the day-scholars and staff.
- h. **Transport:** Limited transport facilities are available for commuting within the campus and for students requiring field-trips to nearby areas.

The recently constructed buildings are disabled-friendly with facilities like track-tiles, ramps etc. Attempts have also been made to provide disabled-friendly toilets.

The University has made attempts to provide sufficient drinking water facility and for regular maintenance of the same.

## Following is the list of contacts for these facilities:

Sr. No.	Name of the facility	Name of Contact Person	Contact Details
1	Census Microdata	Prof. P K Sudarsan	<u>sudha@unigoa.ac.in</u> Phone: <u>+91-8669609135</u>
2	Computer Centre	Mr. Sanjay Bandodkar	hocc@unigoa.ac.in Phone: +91-8669609015
3	Counselling	Ms. Pushpanjali Sharma	pushpanjali@unigoa.ac.in
4	Directorate of Digital Learning and Initiatives (DDLI)	Prof. M K Janarthanam	jana@unigoa.ac.in Phone: <u>+91-8669609189</u>
5	Directorate of Research Development & Resource Mobilization (DRDRM)	Prof. Jyoti D Pawar	jdp@unigoa.ac.in Phone: <u>+91-8669609210</u>
6	Estate Management	Mr. V L Sawkar	<u>ue@unigoa.ac.in</u> Phone: <u>+91-8669609016</u>
7	Guest House	Mr. V L Sawkar	managergh@unigoa.ac.in Phone: +91-8669609042
8	Health	Dr. Amavel Pereira	<u>amavel@unigoa.ac.in</u> Phone: +91-8669609088

9	Hostels/Mess	Prof. M S Dayanand (Boys'Hostel) Prof. Savita kerkar (Womens'Hostel)	msd@unigoa.ac.in Phone: +91-8669609276 savita@unigoa.ac.in Phone: +91-8669609243
10	HRDC	Prof. C U Rivonker	curivonker@unigoa.ac.in Phone: +91-8669609017
11	Library	Dr. V Gopakumar	librarian@unigoa.ac.in Phone: +91-8669609012
12	Remote Sensing Laboratory	Prof. H B Menon	hbmenon@unigoa.ac.in Phone: +91-8669609233
13	Sports	Mr. Milton Fernandes	milton@unigoa.ac.in Phone: +91-8669609018
14	University Science Instrumentation Centre (USIC)	Prof. R S Gad	rsgad@unigoa.ac.in Phone: +91-8669609209
15	Directorate of Foreign Students	Prof. Rahul Tripathi	rmt@unigoa.ac.in +91-8669609149
16	Directorate of Student Placement and Alumni Relations.	Prof. Sanjeev Ghadi	saga@unigoa.ac.in +91-8669609242
17	Shyama Prasad Mukherjee Stadium	Mr. V L Sawkar	<u>ue@unigoa.ac.in</u> Phone: <u>+91-8669609016</u>
18	Other Units		Phone: +91-
	<ul> <li>Bank/ ATM</li> <li>Post Office</li> <li>General Store</li> <li>Stationery shop</li> </ul>		Phone: +91-832 2451241 Phone: +91-832 2451948
	<ul> <li>Electricity sub-station</li> <li>Canteens</li> <li>Internal Transport</li> </ul>		Phone: +91-8669609102 Phone: +91-8669609031 Phone: +91-8669609031

### **Utilization & Maintenance**:

The teaching facilities, equipments available at the respective Departments are used by the students of the concerned Departments on first come first served basis. In most of the cases (where no technical operators are available), the equipments are operated by faculty members or research students working under their supervision who are trained for the purpose. Log books are maintained for individual equipments in order to record the use. The Heads of the respective teaching Departments, Divisions, Sections are responsible for the maintenance of the equipment/facilities available in the respective Departments, Divisions, Sections.

The Principal Investigators of various research project are responsible for day-to day maintenance and cleanliness of various equipment facilities acquired by them under the research projects. The Principal Investigators are allowed to use up to 30% of the Overheads received from respective funding agencies for the purpose of maintenance of the equipments purchased by them. After the tenure of the project is over, such facilities become the property of the University and the AMC, routine maintenance required if any will be arranged by the concerned Head of the Department with the help of the concerned investigator.

In case of scientific equipment, the concerned Head initiates either Annual Maintenance Contract (in case of major equipment facilities) or minor repairs as per the needs. This is done by following various guidelines provided for the purpose.

In case of repairs /maintenance of other infrastructural facilities, the concerned Head of teaching Department, Division, Section is supposed to contact the Engineering and Technical Division who arranges for services of electricians, plumber, carpenters as per the requirement.

The day-today cleaning of the classrooms and the laboratories available in various Departments are done with the efforts of the non-teaching staff employed for the purpose and the workers available under the house-keeping contract. Other office rooms/ buildings are also cleaned by the non-teaching staff employed for the purpose or through outsourcing.

The ICT facilities are available to the students and staff on the campus. The campus is Wi-fi enabled and students and staff staying in official quarters can also access various e-resources from the hostels or quarters respectively. The Computer Centre of the University is responsible for maintenance and upgradation of entire ICT facilities on the campus including LAN, Wi-fi and CCTV surveillance system on the campus. Any service needs at the offices, academic buildings etc. are reported by the concerned Heads/ officers/ Faculty members/Students to the designated staff of the computer centre.

The Library is managed by the Librarian and library staff. The Library is open on all working days and Saturdays but remains closed on Sundays and holidays. The Librarian is responsible for maintenance of the library facilities. Accession to library for students is permitted at the cost of the deposits as caution money.

There are a few gardens around some of the buildings. These are maintained by Engineering and technical division with the help of the gardeners appointed by the University.

The University makes separate budgetary provisions of repairs and maintenance of scientific equipment. These funds are used by the teaching Departments for their repairs and maintenance needs. Apart from this, funds are allocated to Engineering and Technical Division for various repairs and maintenance activities undertaken by them.

All office and academic buildings are equipped with adequate fire extinguisher units.

The University Statute SA-41 provides for the duties and responsibilities of various non-teaching staff and officers of the University (excluding Vice-chancellor, Registrar and Finance Officer). These statutory provisions are also useful in the above said activities.

Policy for maintenance and utilization of physical, academic and support facilities on the Goa University campus. [Brief (max. 1000 words) to be added in the NAAC- SSR]

## **Physical facilities**

The physical facilities including Laboratories, Classrooms and Computers, etc. are made available for the students admitted on the campus. They are charged for the laboratory expenses at the time of the admission as suggested by the Statutory Bodies. Separate grants are also allocated for the maintenance of the laboratories and the classrooms.

The University has adequate number of the computers with internet connections which are available at the seating places of staff/students. In addition, many of the staff and students have their own laptops or mobile phones and are also allowed to register with the Computer centre of the University to get internet access.

# **Academic and Support Facilities**

The academic support facilities like library, sports, NSS, placement cell etc. are open to the University PG students as well as those from affiliated colleges of the University. The indoor hall, running track and the outdoor facilities are free to use for all the stakeholders.

The various general facilities available on the campus and their brief details are listed below. More information is available on the University web-site <a href="https://www.unigoa.ac.in/facilities/">https://www.unigoa.ac.in/facilities/</a>. The contact details for various facilities are provided.

#### Following is the list of these facilities:

- 1. Census Microdata: use of anonymized sample microdata from census for research.
- 2. Computer centre: The Centre provides all kinds of IT services.
- 3. Counselling: A Counsellor service to students and teachers.
- 4. Directorate of Digital Learning and Initiatives: Distance education and e-content development.
- 5. Directorate of Research Development & Resource Mobilization (DRDRM): Assisting in research and IPR activities.
- 6. Engineering/ Technical Services Division: Maintenance and development of civil infrastructure.
- 7. Guest Houses: Accommodation for the guests of the University and the International students.
- 8. Health Centre: A primary medical care unit for the benefit of students, staff and their family members.
- 9. Hostels: The University provides hostel facility for men (168 beds) as well as women students (336 beds).
- 10. The Human resource Development Centre: Arranges refresher, orientation and short-term training courses.
- 11. Library: Meets library data needs and allied requirements.
- 12. Remote Sensing Laboratory: Development of remote science techniques.
- 13. Seminar halls: There are a total of six halls available for conducting various meetings, functions/ seminars and symposia.

- 14. Directorate of Foreign Students (DFS): Advising foreign students regarding fulfilment of various admission and stay requirements.
- 15. Directorate of Student Placement and Alumni Relations (DSPAR): Organizes placement fair for students completing the degrees and also seminars and guidance workshops for them.
- 16. Sports: Conduct of Intercollegiate sports championships, coaching camps for University teams and various intra-mural events for post-graduate students.
- 17. University Science Instrumentation Centre (USIC): Central instrumentation consisting of Electronics, Mechanical and Glass Blowing workshops.
- 18. Shyama Prasad Mukherjee Stadium: An indoor stadium with capacity is 4000 seats.
- 19. Other Support Units:
  - a. Goa University Consumer Co-Operative Society
  - b. State Bank of India/ATM
  - c. Post Office
  - d. General Store
  - e. Stationery shop
  - f. Electricity sub-station: Provides services of electricians.
  - g. Canteen
  - h. Transport

#### **Utilization & Maintenance:**

The teaching facilities, equipments available at the respective Departments are used by the students of the concerned Departments on first come first served basis. The equipments are mostly operated by faculty members or research students working under their supervision who are trained for the purpose. Log books are maintained for individual equipments in order to record the use. The Heads of the respective teaching Departments, Divisions, Sections are responsible for the maintenance of the equipment/facilities available. The Head initiates either AMC or minor repairs as per the needs. This is done by following various guidelines provided for the purpose.

The Principal Investigators of various research projects are responsible for day-to day maintenance and cleanliness of various equipment and facilities acquired by them. The Principal Investigators are allowed to use up to 30% of the Overheads received from respective funding agencies for the purpose of maintenance of the equipments purchased by them. After the tenure of the project is over, such facilities become the property of the University and the AMC, routine maintenance required if any will be arranged by the concerned Head of the Department with the help of the concerned investigator.

In case of repairs /maintenance of other infrastructural facilities, the concerned Head of teaching Department, Division, Section is supposed to contact the Engineering and Technical Division who arranges for services of electricians, plumber, carpenters as per the requirement.

The day-today cleaning of the classrooms, office rooms/buildings and the laboratories available in various Departments is done with the efforts of the non-teaching staff and the outsourced workers.

The campus is Wi-fi enabled and the ICT facilities are available to the students and staff can also access various e-resources from the offices, hostels or quarters. The Computer Centre of the University is responsible for maintenance and upgradation of entire ICT facilities on the campus. Any service needs at the offices, academic buildings etc. are reported by the users to the designated staff of the computer centre.

The Library is open on all working days and Saturdays but remains closed on Sundays and holidays. The Librarian is responsible for maintenance of the library facilities for which a separate provision is made in the budget. Departmental libraries are available at some Departments.

The University makes separate budgetary provisions of repairs and maintenance of scientific equipment. These funds are used by the teaching Departments for their repairs and maintenance needs. Apart from this, funds are allocated to Engineering and Technical Division for various repairs and maintenance activities undertaken by them. All office and academic buildings are equipped with adequate fire extinguisher units.

The recently constructed buildings are disabled-friendly with facilities like track-tiles, ramps etc. Attempts have also been made to provide disabled-friendly toilets. The University has made attempts to provide sufficient drinking water facility and for regular maintenance of the same.

The University Statute SA-41 provides for the duties and responsibilities of various non-teaching staff and officers of the University. These statutory provisions are useful in the facility utilization and maintenance.