



**Government of Goa**

# **COLLEGE OF ENGINEERING, GOA**

***“BHAUSAHEB BANDODKAR TECHNICAL EDUCATION COMPLEX”***

**Farmagudi- Ponda- Goa- 403401**

*Established:1967*

## **MASTER OF ENGINEERING ADMISSION PROSPECTUS**

### **2015-16**

**The last date for online submission of Application Form together with application fee is  
17-07-2015.**

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*Goa College of Engineering, “Bhauasaheb Bandodkar Technical Education Complex Farmagudi, Ponda- Goa*

*Pin- 403401, Phone: 0832-2336301/302/306, Fax: 0832-2335021, email: ppl@gec.ac.in*

*web: www.gec.ac.in*

***Application Fee- Rs:1000/-***

## **VISION**

**Set high academic standards in Engineering Education and Research and accomplish this goal.**

## **MISSION**

**Establish high quality Engineering Programmes in partnership with other eminent institutes of national importance and train students to become leaders and managers of technology with academic excellence.**

## Schedule of Admission Process\*

Activity	Date
1) online submission of application	30-06-2015 ( Tuesday ) to 17-07-2015 (Friday)
2) Last date for online submission of application	17-07-2015 (Friday)
3) Display of merit list	21-07-2015 ( Tuesday)
4) Last date for objection, if any	22-07-2015( Wednesday )
5) Final Merit List	24-07-2015(Friday)
6) First Round of Admission	27-07-2015 (Monday)
7) Second round of admission	Will be announced on college notice board/Website

**Note:** All applicants shall refer to the above schedule and attend round of admission **in person**, together with documents in originals and fees.

1. Principal, Goa College of Engineering, reserves the right to modify the above schedule, depending on exigency of the schedule.
2. Admission rounds shall be carried out group wise, in each branch, in following order.
  - a) Civil - Foundation Engineering/Structural Engineering\*
  - b) ETC : Micro Electronics/ECI/ Industrial Automation& RF Engineering
  - c) E&E: Power & Energy Engineering
  - d) COMP: Computer Science & Engineering
  - e) MECH: Industrial Engineering

\*Subject to approval of Goa University & Govt. of Goa.

# INTRODUCTION

## **Location:**

Goa College of Engineering, Goa was established in the year 1967. The college is situated at Farmagudi plateau, which is 4 kilometers from Ponda city, and about 26 kilometers from Panaji capital city of Goa. This premier campus is 21Km from Kokan Railway station at Madgaon and 33 Km from Dabolim- Airport at Vasco- da- Gama. The College is just 2km off the NH4 at Farmagudi on Panaji- Belgum Highway.

## **Aims and objectives of the Institution:**

The College of Engineering has been established to meet the growing needs of the technical manpower required at different levels of management by industry, and the Government Departments in Goa, and elsewhere in the country, by imparting rigorous course-work and training at the under-graduate, and post-graduate level.

## **Facilities available:**

The College has its own campus at Farmagudi, Ponda- Goa, where the main college buildings, laboratories, workshops, gymkhana building, staff residential quarters, lecture halls, hostel buildings with mess etc. are situated. The total area of the College campus is around 264 acres. The general amenities like Bank, Post Office, Medical facilities, Power Gymkhana, water supply, electricity, Transport facilities, Co-operative Society, and Canteen are provided to the students, as well as to staff and faculties

The College has got Training and Placement cell to look after the Training and employment prospectus of the students. Every year, leading firms conduct interviews in the campus for employment of outgoing students.

## **Teaching Staff:**

The teaching faculties have been recruited through the Goa Public Service Commission on All India basis as per the qualifications laid down by All India Council for Technical Education, New Delhi.

The faculty members are deputed for M.E., Ph.D. and Post Doctoral programmes. The faculty members have also been publishing many research papers in national/international journals. The College has facilities for continuing education programmes. Many research projects have been carried out in the past and many are ongoing. Also, refresher courses for practicing engineers and faculties are organized on regular basis.

## **Management:**

The college is managed by the Government of Goa and is affiliated to Goa University. The laboratories, workshop and library are provided with equipments, machines, books/journals as per the norms of AICTE. The staff pattern in the College follows AICTE norms.

The college offers following Post - Graduate courses with details as tabulated in *Table-1*

**TABLE-1**

<b>Sr. No</b>	<b>Name of course</b>	<b>Duration</b>	<b>Intake</b>
1	M.E.(Foundation Engineering) - <i>Full Time</i>	2 years	18*
2	M.E.(Industrial Engineering) – <i>Part Time</i>	3 years	18
3	M.E. in Electronics & Telecommunication (Micro Electronics) – <i>Full Time</i>	2 years	15
4	M.E. in Electronics & Telecommunication (Electronic Communication & Instrumentation)- <i>Full Time</i>	2 years	15
5	M.E. in Electronics & Telecommunication ( Industrial Automation & RF Engineering) <i>Full Time</i>	2 years	18
6	M.E. in Power & Energy Engineering- <i>Full time</i>	2 years	18
7	M.E. in Computer Science & Engineering- <i>Full time</i>	2 years	18
8	M.E. in Structural Engineering *	2 years	18

\*Subject to approval of Goa University & Govt. of Goa.

**The last date for online submission of Application Form together with application fee is 17-07-2015**

**Academic Term and Course Schedule (2015-16)**

Program	First Semester/ Term			Timings
	Commencement	End	Commencement of Examination	
M.E. (All Courses)	20.7.2015	21.11.2015	23.11.2015 to 28.11.2015 (P) 30.11.2015 to 22.12.2015 (T)	Monday to Friday <b>9.00 am to 5.00 pm</b> (Full Time Program)
	Second Semester/ Term			
	4.1.2016	6.5.2016	13.05.2016 to 21.05.2016 (P) 23.05.2016 to 22.06.2016(T)	
	Vacation/Break			Monday to Saturday. <b>6.00 pm to 9.30 pm</b> (Part Time)
	Type of vacation/ Break	From	To	
	Chaturthi	16.9.2015	21.9.2015	
	Winter	23.12.2015	3.1.2016	
		Summer	23.6.2016	2. 7. 2016

**Details of Examinations:**

Goa University conducts the examination twice in an academic year after the end of each term. The promotion to next higher semester is determined on the basis of student's performance at the semester examination and in terms of the requirements made applicable for the same under the semester rules of the Goa University. Students failing to obtain requisite standard of passing in any subject can appear in the concerned subject as per the provisions of the semester rules.

## Details of Fees for Post Graduate courses:

On allotment of seats, the students will have to pay the fees and other deposits as stated in Table-2 within one day, for confirming admission.

TABLE-2

Sr. No	Description	Rate per Year/Term	Total
1	Admission Fees	Rs. 2500/- (One time)	<b>Rs. 2500/-</b>
<b>Term Fees</b>			
2	Tuition Fees	Rs 16,500/- per term	<b>Rs. 23625</b>
3	Development Fees	Rs 5000/- per term(full time)	
4	Gymkhana Subscription	Rs 100/- per term	
5	Annual Social Gathering	Rs 100/- per year	
6	Students Aid Fund	Rs 100/- per year	
7	Magazine Fees	Rs 100/- per year	
8	Identity Card	Rs 100/- (One time)	
9	Library Deposits	Rs. 750/- Refundable	
10	Caution Money Deposits	Rs 750/- Refundable	
11	Group Insurance fee	Rs 125/- per year	
<b>Hostel fees</b>			
12	Hostel Deposits	Rs. 1000/- Refundable	<b>Rs.3700/-</b>
13	Hostel Maintenance Fees	Rs. 1200/- per term	
14	Hostel Rent	Rs. 1500/- per term	

Students secured admission requiring on campus hostel accommodation need to apply to Hostel Warden in the specified format. On allotment of hostel room student will have to pay the Hostel fees to confirm accommodation. The Hostel fees paid receipt need to be produced to Hostel Warden for obtaining the possession of hostel room. All admission fees to be paid by Demand draft drawn in favour of 'The Principal, Goa College of Engineering' payable at Ponda- Goa. **Examination Fees are to be paid as per the regulation of Goa University from time to time.**

### **Refund of Fees:**

1. If the student cancels the admission, by written application addressed to Principal, within fifteen days from the date of commencement of the term, or within fifteen days after payment of the fees, whichever is earlier, then all fees paid by a student at the time of admission shall be refunded to him/her after deducting Rs 2000/- (Two thousand only) as cancellation charges.

2. If the student cancels the admission, by written application addressed to Principal, after fifteen days from the date of commencement of the term, or after fifteen days after payment of the fees, whichever is earlier, then all fees paid by a student at the time of admission shall be refunded to him/her after deducting Rs 3000/- (Three thousand only) as cancellation charges, provided the seat falling vacant due to the cancellation get filled.

3. If the student cancels the admission, by written application addressed to Principal, after fifteen days from the date of commencement of the term, or after fifteen days after payment of the fees, whichever is earlier, and the seat falling vacant due to the cancellation of the admission does not get filled, then Caution Money Deposits, Library Deposits, Hostel Deposits if paid will be refunded to the candidate. No other fees shall be refunded.

**N.B.** Examination fees and refund of the examination fees are subject to the rules stipulated by the Goa University from time to time.

**NOTE:** No cancellation charges are applicable in case of change of branches/courses within the institute.

### **Refund of Caution Money and deposits:**

Caution money deposits, Hostel Deposits, Library deposits are refundable to a student subject to the recovery of dues for breakages, loss, damages etc of the College property, provided a written application for refund is submitted within six months of leaving the college. The date of leaving the College is to be considered from the day next to the day of declaration of result of the respective examination by the University. The other fees collected are non refundable. The Hostel, Library deposits and College caution money are refundable when applied for within the stipulated time. The student will have to produce original Fee receipt while claiming the refund of deposits.



## **Refund of Hostel Fees:**

The fees for the hostel are non-refundable. Hostel deposit can be refunded after deduction of claims, if any. Hostel accommodation is available to the M.E. students subject to availability of accommodation.

## **Rules for the College Hostel:**

The rules for the college Hostels are as under:

- i) Admission to the hostel and allocation of rooms is left to the discretion of the Chairman of Councils of Warden /Hostel Superintendent. No student shall be admitted to the Hostel, unless he/she has paid the requisite fees, and the Caution Money Deposit.
- ii) Outsiders are not allowed to stay in the hostels except for social visits during the day time and under no circumstance after 7:00 pm. The Girl's Hostel is out of bounds for male visitor/s.
- iii) Residents shall maintain discipline and cleanliness in the hostel premises and be held responsible for any damage to the hostel property, and appropriate cost towards the same, shall be recovered from him/ her in the manner directed by the Principal.
- iv) Any student not showing satisfactory progress at the college examination is liable to forfeit the place in the hostel.
- v) The hostel terms shall be more or less the college terms. The students have to vacate their rooms as soon as possible after their University examination is over. The maintenance of hostels has to be carried out by PWD after students vacate their rooms.
- vi) Any contravention to these rules shall render student concerned to be expelled from the hostel and the college, and the Principal's decision in this regard shall be final.
- vii) Each student staying in the hostel shall be required to join the hostel mess by paying a refundable mess deposit of Rs.800/-. Appropriate monthly establishment charges of the hostel mess shall be paid by each hostel resident even if he / she do not have food in the hostel mess.
- viii) Ragging in any form will result in instant expulsion of students responsible for it.

Admission to hostel will be governed as per Hostel rules. The Students not eligible to attend semester will be admitted in the Hostel depending on the availability of seats during examination time only. The proportionate rent for hostel accommodation shall be payable in advance. They will have to vacate the accommodation immediately after the examinations are over. The allotment of hostel accommodation to such Students will be done by the Chairman of Councils of Warden / Principal only.

Students will have to vacate the hostel accommodation every year for maintenance work to be carried out, immediately after even semester examinations and the possession of the

rooms shall be handed over. Re- allotment in fresh semester shall be done only if a student has vacated the allotment in previous semester in time and eligible to attend semester.

### **Attendance**

University's Ordinances regarding minimum attendance, conduct, discipline rules, and rules for keeping of terms by the students are to be followed.

### **Conduct rules**

- i) Class work such as laboratory journals, workshop practices are also counted towards the University results. Principal of the college shall be the competent not to forward the candidate's application for the University Examination, in case his/her performance is not found to be satisfactory.
- ii) Principal reserves the right to remove the name of any student from the rolls for failure to pay the College or hostel dues in time
- iii) Use of mobile phones in the Academic Area (near class rooms, corridors of Main Building and Departmental buildings, laboratories, library, Academic section and offices) is banned. If students found using the phones in above area, phone can be confiscated.

### **Provisional Eligibility Certificate/ Migration Certificate:**

The candidates who have passed the qualifying examination from University other than the Goa University and seeking admission to M.E, courses shall have to submit a provisional eligibility certificate from the Registrar, Goa University along with their online applications for admission, without which the application is liable to be rejected. Such candidates are also required to submit Migration Certificate.

Detailed instructions regarding provisional eligibility certificate can be obtained from the Registrar, Goa University, Taleigao plateau, Goa.

## Distribution of seats for the M. E. Courses

TABLE-3

<b>Group I</b>	Students passing B. E. Exam under Goa University/Goa college of Engineering	04/05* seats
<b>Group II</b>	Sponsored Candidates	02 seats
<b>Group III</b>	Students passing B.E. Exam of any University (General)	02 seats
<b>Group IV</b>	Candidates belonging to SC/ST of Goa	02/03* seats
<b>Group V</b>	Candidates belonging to OBC of Goa	04/05* seats
<b>Group VI</b>	Physically Handicapped from Goa	01 seats

*\*For courses with intake of 18*

### Eligibility for admission to Master of Engineering

**Nationality:** The applicant must be a citizen of India.

#### **Qualifications:**

#### **Eligibility for Admission:**

(i) Any person with a degree of Bachelor of Engineering of minimum 4 years duration of Goa University or of any other University/Institution recognized as equivalent to the Bachelor of Engineering degree of Goa University (including AMIE, AMICE and IETE) shall be eligible for admission, as per the table below in the appropriate/corresponding stream:

<b>Sr. No.</b>	<b>Master of Engineering Degree in</b>	<b>Qualifying Bachelor of Engineering Degree</b>
01	Foundation Engineering / Structural Engineering	Civil Engineering
02	Electronics & Telecommunication (Microelectronics/ Electronic Communication & Instrumentation/ Industrial Automation & RF Engineering	Electronics & Telecommunication Engineering / Electronics & Communication Engineering/ Electronic Communication/Electronic Engineering /Electrical Engineering / Electrical & Electronics Engineering / Information Technology/ Computer Engineering /Computer Science & Engineering/ Instrumentation Engineering / Electronic Instrumentation/ Instrumentation & Control/Bio-medical Electronics/ Process Control Engineering / Instrumentation & Control Engineering/Control Engineering/ Industrial Electronics/ Power Electronics /Biomedical Engineering

03	Power & Energy Engineering	Electrical Engineering / Electrical & Electronics Engineering / Electronics & Telecommunication Engineering / Electronics & Communication Engineering/ Electronic Communication Engineering /Electronic Engineering / Instrumentation & Control Engineering/Control Engineering/ Instrumentation Engineering / Bio-medical Electronics/ Process Control/ Industrial Electronics/ Power Electronics/Power System Engineering / Power Engineering
04	Computer Science & Engineering	Computer Engineering/Computer Science & Engineering/Electronic & Telecommunication Engineering/ Electrical & Electronic Engineering/ Information Technology/Information Science & Engineering
05	Industrial Engineering	Any stream of Engineering

### **Eligibility for individual Group**

- i) The candidates applying for Group I, IV, V and VI should possess B.E. Degree from Goa University/ Goa College of Engineering.
- ii) The candidates applying for Group II should possess a certificate indicating that they are employed for a minimum period of six months. The format of the sponsorship certificate is indicated in the application form
- iii) All the candidates with the qualifying Degree from any other University are considered in Group III (General). The candidates eligible in Group I will not be considered in Group III.
- iv) The candidates applying for Group IV should submit Caste Certificate (SC/ST) in format enclosed at Annexure A.
- v) The candidates applying for Group V should submit Caste Certificate (OBC) in format enclosed at Annexure B.
- vi) The candidates applying for Group VI must produce a certificate from the Medical Board of GMC regarding disability.

### **Note – (Applicable to all the M.E. courses)**

- i.) Candidates with AMIE/AMIETE certificate are eligible for admission in all the Groups except Group I, provided they submit the appropriate certificate required for the respective Group.
- ii.) Any seat in M.E., in any Group, remaining unfilled shall be first transferred to Group I. If there are no eligible candidates remaining in Group I, then seats remaining will be transferred to Group III.

**iii.)** Minimum of 50% in final year examinations (last two semesters) or equivalent CPI of 5.5 should be secured by the candidates. In case of candidates with AMIE/AMIETE certificate, minimum of 50% of marks should be secured in Section B.

**iv)** The merit list will be based on the GATE score of the valid GATE Score card issued by competent authority.

a) If GATE scores are equal, then candidates with higher aggregate marks in B.E. Degree (final year/last two semesters) will be placed higher in the merit list.

b) If the marks in B.E. Degree (final year/last two semesters) are equal then the candidate with higher aggregate marks (i.e. 3yrs /4 yrs) will be placed higher in the merit list.

**v)** If any seats remain vacant in any of the category after considering the candidates with GATE score, merit for remaining seats will be decided based on the percentage of marks secured in B.E. Degree (final year/last two semesters). In case of candidates with AMIE/AMIETE certificate, the percentage of marks secured in Section B will be considered for deciding the merit.

a) If the marks in B.E. Degree (final year/last two semesters) are equal, then the candidate with higher aggregate marks (i.e. 3yrs /4 yrs) will be placed higher in the merit list.

b) In case of candidates with AMIE/AMIETE certificate, the percentage of marks secured in Section B are equal, then the candidate with higher percentage of marks secured in Section A will be placed higher in the merit list.

**vi)** In all the cases covered above in case of candidates possessing GATE Score, if B.E. results of candidates are yet to be declared, as on date of admission, the admission of such candidates will be purely provisional. Such candidates will be only allowed to attend the classes, till the time their results are declared, and only if such candidates are declared to have passed their BE Exams, then their provisional admission will be confirmed.

At the time of provisional admissions, the candidate will have to pay full fees, as applicable, if a candidate is rendered ineligible after declaration of BE results, the refund amount will be done based on refund procedure up to the 2nd round of admission. Later on only refundable fees will be refunded.

**vii)** If any seats remain vacant in any of the category, remaining seats will be allotted to candidates awaiting their final year result, only after the declaration of their result, based on their aggregate marks in Final year.

**viii)** If seats are still vacant after considering B.E./AMIE candidates as per point (i) to (vii), the remaining seats will be allotted to the candidates having Degree from Open Universities, provided the qualifications are recognised by UGC/AICTE/DEC / Goa University.

- ix) In case if the final year B.E. marks cards are provided in Grade points, then it is converted into percentage of marks by the formula provided by concern University, if formula is not provided by concern University, then below mention formula will be used.

Average Percentage of Marks:  $(CGPA - 0.5) \times 10$ .

### **Certified scan copies of testimonials and certificates to be attached**

1. Bachelor Degree in Engineering or equivalent & Passing certificate
2. Marks sheets of final year examinations
3. Provisional Eligibility from Goa University (if applicable)
4. Migration Certificate (if applicable)
5. Sponsorship Certificate for Group II
6. Valid Gate Score Card (if any)
7. Caste Certificate in format enclosed at Annexure A for Group IV
8. Caste Certificate in format enclosed at Annexure B for Group V
9. Certificate of Physically Handicapped from GMC for Group VI
10. College Leaving Certificate

### **Rules of Admission**

1. All the applicants desirous of admission must comply with the provisions of this prospectus
2. The application form for the admission is available on the college website [www.gec.ac.in](http://www.gec.ac.in).
3. Candidates shall submit online application form together with certified scan copies of all required documents and required fees on or before 17/07/2015.
4. The candidate applying for more than one P.G. Course (Civil – Foundation & Structural, ETC-all specialisations, Power & Energy, Computer Science & Engineering, and Industrial Engineering) shall submit separate application form, together with application fees for each course.
5. Common merit list shall be prepared for admissions to all M.E. courses, in all Groups.
6. The merit list shall be displayed at 4.30 pm on the designated date.
7. The admission process will start at 11.00 am on the designated date.

8. All the candidates desirous of taking admission must remain present during the admission round, together with acknowledgement card.
9. If number of eligible candidates applying for any course are less than five, then Principal, Goa College of Engineering reserves the right not to admit any students for that course for the year 2015-2016.
10. Principal, Goa College of Engineering, reserves the right to modify the schedule of admission, depending upon the exigency of the situation.
11. The selected candidates have to submit affidavits in the format provided in Annexure I & II, at the time of admission.

### **Intimation of Provisional Selection/Waiting list of admission**

1. The applications in the prescribed form received for admission will be scrutinized in terms of the provisions in the prospectus and merit list of the eligible applicants, will be displayed on the college notice board.
2. The candidates may refer to schedule of admission process for all the important dates. Candidates must report in person during admission rounds.
3. If the candidate fails to report as per schedule, or is found to be unsatisfactory as a result of scrutiny of their certificates, the offer of admission shall be cancelled and the same will be offered to the next eligible candidate in the waiting list.

### **Cancellation of admission:**

- a) Applications not complete in all respects or not supported by all required certificates shall be summarily rejected.
- b) Any candidate who is offered admission must pay the prescribed fees within the date specified, otherwise offer will be treated as cancelled, and the seat will be offered to the next eligible candidate in the merit list of that group.
- c) The admission offered to the candidate shall be cancelled, if later on the Goa University declares that the candidate is not eligible for the admission.
- d) Even if candidate pays the tuition fees but fails to join the college within fifteen days from the date of payment of tuition fees, or remains absent for more than fifteen days, without intimation or prior permission, Principal may, at his discretion, cancel the admission of such candidate.
- e) If any information furnished by the candidate in connection with his/her admission is later, at any time, found to be incorrect, the admission of the candidate will be cancelled from the college and fees paid by the candidate shall be forfeited. The decision of the Government in this matter shall be final.
- f) No correspondence shall be entertained from the candidates regarding the selection.

## Faculty List

### DEPARTMENT OF CIVIL ENGINEERING

Sr.No.	Names of Faculty	Area of Interest
1	DR. GOVINDARAJA KRISHNASETTY GUPTHA, HOD	Environmental, Geotechnical Engg. & Concrete Technology
2	Dr. Purnanand Savoikar	Geo Technical Engg.
3	Dr. A.K.S Bhadauria	Environmental Engg.
4	Dr. Ulhas G. Sawaikar	Environmental Engg.
5	Dr. Addapa Jalihal	Geology
6	Dr. Ganesh Narayan Hegde	Structural Engg. Earth Quake Engg. Structural Health Monitoring
7	Prof. Shripad .N Betagiri	Civil Engg.
8	Prof. Wilma Fernandes	Geo Technical Engg.
9	Prof. H.S. Prassanakumar	Geo Technical Engg.
10	Prof. Nisha Naik	Geo Technical Engg.
11	Prof. Vikas Chodankar	Structural Engineering
12	Prof. Smita Aldonkar	Geo Technical Engg.
13	Prof. Sumitra Khandolkar	Geo Technical Engg.

### DEPARTMENT OF MECHANICAL ENGINEERING

Sr.No.	Names of Faculty	Area of Interest
1.	DR. RAJESH PRABHU GAONKAR, HOD	Industrial Engineering, CAD/CAM, Reliability Engineering, Multi attribute Decision Making
2.	DR. VINAY A. SHIRODKAR	Operations Research, Engg. Statistics, Industrial Engg.
3.	DR. AKSHAY VITHAL NIGALYE	Design Engg., FE M
4	DR. SURAJ S. RANE, PROFESSOR	Quality & Reliability Engineering, Six Sigma Management, Maintenance Engineering, Industrial Engineering
5	SHRI. D. V. SHIRODKAR, ASSOCIATE PROFESSOR (WORKSHOP)	Manufacturing Technology, Industrial Engineering
6	FLT. LT. BINDURAO R. KULKARNI, ASSOCIATE PROFESSOR	Thermal Engineering
7	SHRI. MILIND SAKHARDANDE	Industrial Engg., Reliability Engg., Chain Menagment



8	SHRI. MAHESH DHAWALIKAR	Industrial Engineering, Operations Management
9	SHRI. B. S. MANOHAR	Fluid Mechanics Mechatronics
10	SHRI. VIVEK BELOKAR, ASSOCIATE PROFESSOR	Thermal Engineering, Industrial Engineering
11	SHRI. GAJESH G. S. USGAONKAR, ASSOCIATE PROFESSOR	Engineering Graphics, Hydraulics, Industrial Engineering, Engineering Measurements and Metrology
12	DR. SHRIDHAR MHALSEKAR, ASSOCIATE PROFESSOR	Industrial Engineering, Fluid Mechanics
13	SHRI. MAHESH CAISUCAR, ASSISTANT PROFESSOR	Theory of Machines, Engineering Graphics, Fluid Power Control Mechatronics, Operations Research, Industrial Engineering
14	DR. RAGHAVENDRA NAIK, ASSISTANT PROFESSOR	Design Engineering, FEM, Applied Thermodynamics

#### DEPARTMENT OF ELECTRICAL ENGINEERING

Sr. No	Name of the faculty	Area of Interest
1	Dr. V.N.Shet	Power Factor Correction, Power Quality
2	Dr G. R .Kunkolienkar	Electromagnetics
3	Prof. V. K Joseph	Control systems
4	Prof. Shirish Karapurkar	Power Electronics application to power system and Electric drives
5	Dr. Anant Naik	Renewable Energy, Power electronics Applications in Renewable energy ,Power Quality
6	Prof. Sangeeta Mahadalkar	Microelectronics
7	Prof. Suneeta Raykar	Microprocessor, Microcontroller ,Neural and Fuzzy Logic, Basic Electronics ,DIC ,LIC
8	Prof Jayesh Priolkar	Energy Management ,Renewable Energy
9	Prof. Sonali Pandit	Control systems
10	Prof. Noah Dias	Electrical Power system,Energy Management, Electrical Machines
11	Prof. Aditi Desai	Renewable energy
12	Prof. Nilesh Borkar	Control system Engineering ,Illumination Engineering ,Energy conservation techniques
13	Prof. Ankita A Kanekar	Microelectronics ,Electrical Machines ,VLSI,FPGA, Electrical Power systems
14	Prof. P .Jayanthi	Renewable Energy, Power converters for renewable energy ,power electronics

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

<b>Sr.No.</b>	<b>Names of Faculty</b>	<b>Area of Interest</b>
1.	PROF. (Dr.) RAJESH B. LOHANI	Electronic Devices
2.	PROF. (Dr.) AMEETA G. SINAI AMONKAR	VLSI
3.	PROF. (DR.) HASSANALI G. VIRANI, <b>HOD</b>	Micro-Electronics
4.	PROF. (Dr.) NITESH GUINDE	Micro-Electronics&Parallel Processing
5.	PROF. CHETAN DESAI	RF & Microwave Engineering, Parallel Processing
6.	PROF. SHAJAHAN KUTTY- Pursuing Ph. D IITKharagpur	Communication Engineering
7.	PROF. AMITA DESSAI	Communication & Instrumentation
8.	PROF. SONIA KUWELKAR	Micro-Electronics
9.	PROF. NAYANA SHENVI	Embedded System& Parallel Processing
10.	PROF. SAMARTH BORKAR-Pursuing Ph. D, sggsietNanded	Signal & Image Processing
11	PROF. MILIND FERNANDES	Robotics, RFandCommunication
12.	PROF. DEVENDRA SUTAR	Micro-Electronics,Embedded System & Instrumentation
13.	PROF. SANGAM BORKAR	Speech Processing, RF and Microwave Engineering
14.	PROF. PURTI SAVORDEKAR	Communication & Instrumentation
15.	PROF. GEETA SHET	Micro-Electronics
16.	PROF. PALHAVI KERKAR	Micro-Electronics

**DEPARTMENT OF COMPUTER ENGINEERING**

<b>Sr.No.</b>	<b>Names of Faculty</b>	<b>Area of Interest</b>
1	DR. JAYAPURA ANANTHIAH LAXMINARAYANA, <b>HOD</b>	Machine Learning, Pattern Recognition
2	PROF. UMESH A. BAPAT	Software Engineering, DBMS, Data Mining
3	PROF. MARUSKA F.C MASCARENHAS	Algorithms, Distributed System, Theory of Computation, Web Technologies

4	PROF. MANISHA BABUSO NAIK GAONKAR	Databases, Data Structures, Web Technologies, Architectures
5	PROF. NAGRAJ S VERNEKAR	Networking, Architectures
6	PROF. NITESH NAIK	Cloud Computing, Web Security, Service Oriented Architecture, Computer Graphics, Computer Architecture and Security
7	PROF. VINEET JAIN	Computer Networking, Web Technology, DBMS
8	PROF. RACHEL DHANARAJ	Computer Graphics and Data base System
9	PROF. GAJANAN GAUDE	Comp Engineering
10	PROF. MELINA AFONSO	Comp Engineering
11	PROF. SHERICA MENEZES	Comp Engineering
12	PROF. AMIT PATIL	Comp Engineering
13	PROF. TESLIN J. JACOB	Comp Engineering
14	PROF. KAVITA S. ASNANI	Comp Engineering
15	PROF. SHRUTI GURUDAS NAIK	Data Mining, Operating System

**Enclosures:**

1. Annexure 'I' (Affidavit of the student)
2. Annexure 'II' (Affidavit of the guardian)
3. Annexure 'A' -CASTE CERTIFICATE (SC / ST)
4. Annexure 'B'- CASTE CERTIFICATE (OBC)

# Goa College of Engineering, Farmagudi, Ponda Goa-403401

## ANNEXURE I AFFIDAVIT BY THE STUDENT

I \_\_\_\_\_  
(full name of student with admission/registration/enrolment number)s/o d/o Mr./Mrs./Ms. \_\_\_\_\_, having been admitted to (name of the institution) \_\_\_\_\_, have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.

2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.

3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that

- a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
- b) I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.

5) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.

6) I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.

Declared this \_\_\_ day of \_\_\_\_\_ month of \_\_\_ year.

\_\_\_\_\_  
Signature of deponent  
Name:

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ on this the \_\_\_\_\_ of \_\_\_\_\_,  
(place) (day) (month) (year)

\_\_\_\_\_  
Signature of deponent

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ of \_\_\_\_\_ after  
(day) (month) (year)

OATH COMMISSIONER

# Goa College of Engineering, Farmagudi, Ponda Goa-403401

## ANNEXURE II AFFIDAVIT BY PARENT/GUARDIAN

I, Mr./Mrs./Ms. \_\_\_\_\_ (full name of parent/guardian) father/mother/guardian of \_\_\_\_\_ (full name of student with admission/registration/enrolment number), having been admitted to \_\_\_\_\_ (name of the institution), have received a copy of the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.

2) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.

3) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penal and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.

4) I hereby solemnly aver and undertake that

- a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
- b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.

5) I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.

6) I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled.

Declared this \_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year.

\_\_\_\_\_  
Signature of deponent  
Name:  
Address:  
Telephone/ Mobile No.:

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ on this the \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_  
(place) (day) (month) (year)

\_\_\_\_\_  
Signature of deponent

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ of \_\_\_\_\_, \_\_\_\_\_ after reading the contents of this affidavit.  
(day) (month) (year)

OATH COMMISSIONER

**Annexure A**

**CASTE CERTIFICATE (SC / ST)**

1. This is to certify that Shri/Kum. \_\_\_\_\_  
Son/daughter of \_\_\_\_\_ of village / town  
\_\_\_\_\_ of the state of Goa belongs to the \_\_\_\_\_

Caste / Tribe which is recognised as a Scheduled Caste under:

The Constitution (Goa, Daman and Diu) Scheduled Caste order, 1968

The Constitution (Goa, Daman and Diu) Scheduled Tribes order, 1968

2. Shri/Kum. \_\_\_\_\_ and or his/her  
family ordinarily resides in village/town \_\_\_\_\_ of Goa and is non-  
migrant / migrant (from the State of \_\_\_\_\_) as per the Presidential Order  
dated 19<sup>th</sup> February, 1968.

Signature: \_\_\_\_\_

Place: \_\_\_\_\_

(with seal of Office)

Date: \_\_\_\_\_

Designation: Deputy Collector

**NOTE:** The Term "Ordinarily reside" used here will have the same meaning as in section 20 of the Representation of the Peoples Act, 1950.

**ANNEXURE B**

**CASTE CERTIFICATE (OBC)**

FORM OF BACKWARD CLASS CERTIFICATE  
OFFICE OF DISTRICT MAGISTRATE /SUB-DIVISIONAL MAGISTRATE/  
MAMLATDAR

This is to certify that Shri/Kum. \_\_\_\_\_ son /daughter of \_\_\_\_\_ of village / town \_\_\_\_\_ of the State of Goa belongs to the \_\_\_\_\_ caste/ community, which is recognised as a backward class under the Government of India, Ministry of Welfare, resolution No.12011/68/93-BCC (C) dated 10<sup>th</sup> September, 1993 and resolution No. 12011/44/96-BCC (C) dated 6<sup>th</sup> December, 1996, published in Gazette of India, Extraordinary, Part I, Section I, dated 13<sup>th</sup> Sept, 1993 and dated 11<sup>th</sup> December, 1996 respectively, as also mentioned under Govt. of Goa notification No. 13/3/84-LAWD/OBC dated 12.6.1987, No. 13 /25/ 92-SWDPart dated 4.10.1995, No. 13/1/97-SWD dated 3.3.1997, No. dated 13.5.1997, No. dated 12.12.1997, No. dated 23.9.1998, No. dated 30.6.2000 as amended.

Shri/Kum. \_\_\_\_\_ and or his/her family ordinarily resides at House No. \_\_\_\_\_ in village / town \_\_\_\_\_ Taluka \_\_\_\_\_ of Goa. It is certified that he/she as on the date of issue of this certificate belongs to persons/sections of non-creamy / creamy layer mentioned in column 3 of the schedule of the Government of India, Department of Personnel & Training O.M. No. 36012/22/93/Est)SCT) of 1993.

Shri/Kum. \_\_\_\_\_ and or his/her family ordinarily resides in village/town \_\_\_\_\_ of Goa and is non-migrant / migrant (from the state of \_\_\_\_\_) as per the presidential order dated 19<sup>th</sup> February, 1968.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature:

Designation:  
(with seal of Office)

**NOTE:** The Term "Ordinarily reside" used here will have the same meaning as in section 20 of the Representation of the Peoples Act, 1950.

## GOVERNING COMMITTEE - GEC

Members	Details
<b>Chairman</b> Prof. Devang V. Khakhar	<b>Director</b> Indian Institute of Technology Bombay, Powai, Mumbai – 400 076. E-Mail : director@iitb.ac.in
<b>Co-Chairman</b> Dr. Satish R. Shetye	<b>Vice Chancellor,</b> Goa University, Taleigao Plateau, Goa – 403 206. E-Mail : vc@unigoa.ac.in
<b>Co-Chairman</b> Shri Manguirish N. Pai Raiker	<b>Director,</b> S. R. Consultancy Services, 307, Rayu Chamber, Dr. A. B. Road, Panaji Goa – 403 001. E-Mail : saawni@sancharnet.in
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<b>Member</b> Shri J. S. S. Rego	<b>Principal Chief Engineer</b> P.W.D, Government of Goa Altinho, Panaji, Goa E-Mail : kishrego@hotmail.com
<b>Member</b> Shri Sandeep T. Nadkarni	<b>Chief Engineer,</b> Water Resources, Government of Goa Junta House, Panaji, Goa E-Mail : chiefwrddgoa@rediffmail.com
<b>Member</b> Dr. K. G. Guptha	<b>Senior Faculty Member,</b> Civil Engg. Dept., Goa College of Engineering, Farmagudi – Ponda, Goa E-Mail : kgg@gec.ac.in
<b>Member</b> Mr. Sandeep S. Bhat (TE CIVIL)	<b>General Secretary,</b> Students Council (13-14), Goa College of Engineering, Farmagudi – Ponda, Goa Mob : 9405777354
<b>Member Secretary</b> Dr. V.N. Shet	<b>Principal,</b> Goa College of Engineering, Farmagudi – Ponda, Goa  Tel : 91-832- 23356401 Mob : 9423322936 FAX : 91-832- 2335021 E-Mail : ppl@gec.ac.in



## IMPORTANT CONTACTS @ GEC

1.	Principal	<b>Dr. V. N. Shet</b> Principal Office, Main Bldg. Ph:2336301/9423322936
2.	Deputy Registrar	<b>Smt. Shanti Makwana Harding</b> GEC Office, Main Bldg Ph: 2336302/2980901
3.	Assistant Accounts Office	<b>Smt. Neeta Ajit Borkar</b> GEC Account Section, Main Bldg Ph.2336304
4.	Academics, Admission & Exams and MIS related matter	<b>Dr. Ganesh Hegde</b> Academic Section, First Floor Ph: 2336306/9420978458
5.	Assistant Registrar	<b>Mr. Ketan Naik</b> Academic Section, First Floor Ph: 2336306/9823963100
6.	Civil Engineering Dept.	<b>Dr. K.G. Guptha,</b> HOD Office, Main Bldg Annex, First floor Ph: 2336310/9422061953
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8.	Electrical & Electronics Engineering Dept.	<b>Dr. Govind Ramrao Kunkolienker</b> HOD Office, Main Bldg Annex, First floor Ph: 2336330/9420978274
9.	Electronics & Telecommunication Engineering Dept.	Dr. HASSANALI G. VIRANI HOD Office, Electronic Engg. Dept Bldg Ph: 2336340/341/9890160820
10.	Computer Engineering Dept &	<b>Dr. J.A. Laxminarayan</b> HOD Office, Computer Engineering Dept Bldg, First Floor. Ph:2336352/9326124463
11.	Information Technology Dept	<b>Dr. Anant J. Naik</b> HOD Office, IT Engineering Dept Bldg, Ph: Ph: 2336332/9850466424
11.	Mining Engineering	<b>Prof. K.N. Subhash</b> HOD Office, Mining Engg Dept Building Ph: 2336600/9923499943
12.	Science and Humanities	<b>Dr. Sebestian Mesquita</b> HOD, Sc&Hum Dept Bldg Ph: 2336371/9226897659
13.	Hostel Coordinator	<b>Prof. V.K. Joseph,</b> Opp Training and Placement cell, Main Bldg Annx, Ph: 2336336/9421752470
14.	Training & Placement	<b>Dr. Manoj Choukuse</b> T&P Cell, Main Bldg Annex Ph:2336387/9423810809

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15.	Public Information Office	<b>Prof. B. R. Kulkarni</b> Mechanical Engg Dept Bldg, Ph:2336422/9890721601
16.	Transport Incharge	<b>Prof. B.S. Manohar</b> Mechanical Engg Dept Bldg, Ph:2336305/9049269449
17.	Librarian	<b>Mr. Sandesh B. Dessai</b> Library Bldg. Ph. 2336391/9823978438

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