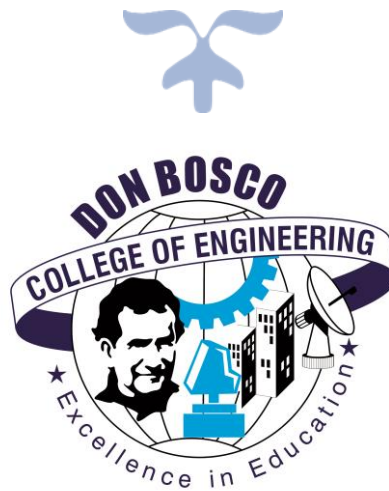




MANDATORY DISCLOSURE

Academic Year: 2023-2024



DON BOSCO COLLEGE OF ENGINEERING
Fatorda, Margao, Goa – 403602
www.dbcegoa.ac.in

1. NAME OF THE INSTITUTION

AICTE File No.	F.No. Western/1-36474293988/2023/EOA
Latest Approval Extension period	2023-2024
Last Approval Date	02 June 2023
Name of the Institution	Don Bosco College of Engineering
Address of the Institution	Fatorda, Margao, Goa
City	Margao
Pin code	403602
State & Country	Goa, India
Location (Longitude & Latitude)	15.2920° N, 73.9691° E
Telephone Number with STD Code	(0832) 2744111/2744112
Website	www.dbcegoa.ac.in
Email	dbcefatorda@dbcegoa.ac.in
Office Hours	9.00 a.m. to 5.00 p.m. (IST)
Nearest Railway Station (kms)	Madgaon Railway Station (6 Kms)
Nearest Airport (kms)	Goa International Airport (GOI) (45 Kms)
Nearest Bus Stand (Kms)	Margao Bus Terminal (1.9 Kms)
Type of Institution	Self-Financed
Category (1) of the Institution	Religious Minority
Category (2) of the Institution	Co-Ed

2. NAME AND ADDRESS OF THE TRUST/ SOCIETY/ COMPANY AND THE TRUSTEES

Name of the Trust	The Fatorda Salesians Society
Address of the Trust	Fatorda, Margao, Goa
Telephone	(0832)2744111/2744112
Email	dbcefatorda@dbcegoa.ac.in

3. NAME AND ADDRESS OF THE VICE CHANCELLOR/ PRINCIPAL/ DIRECTOR

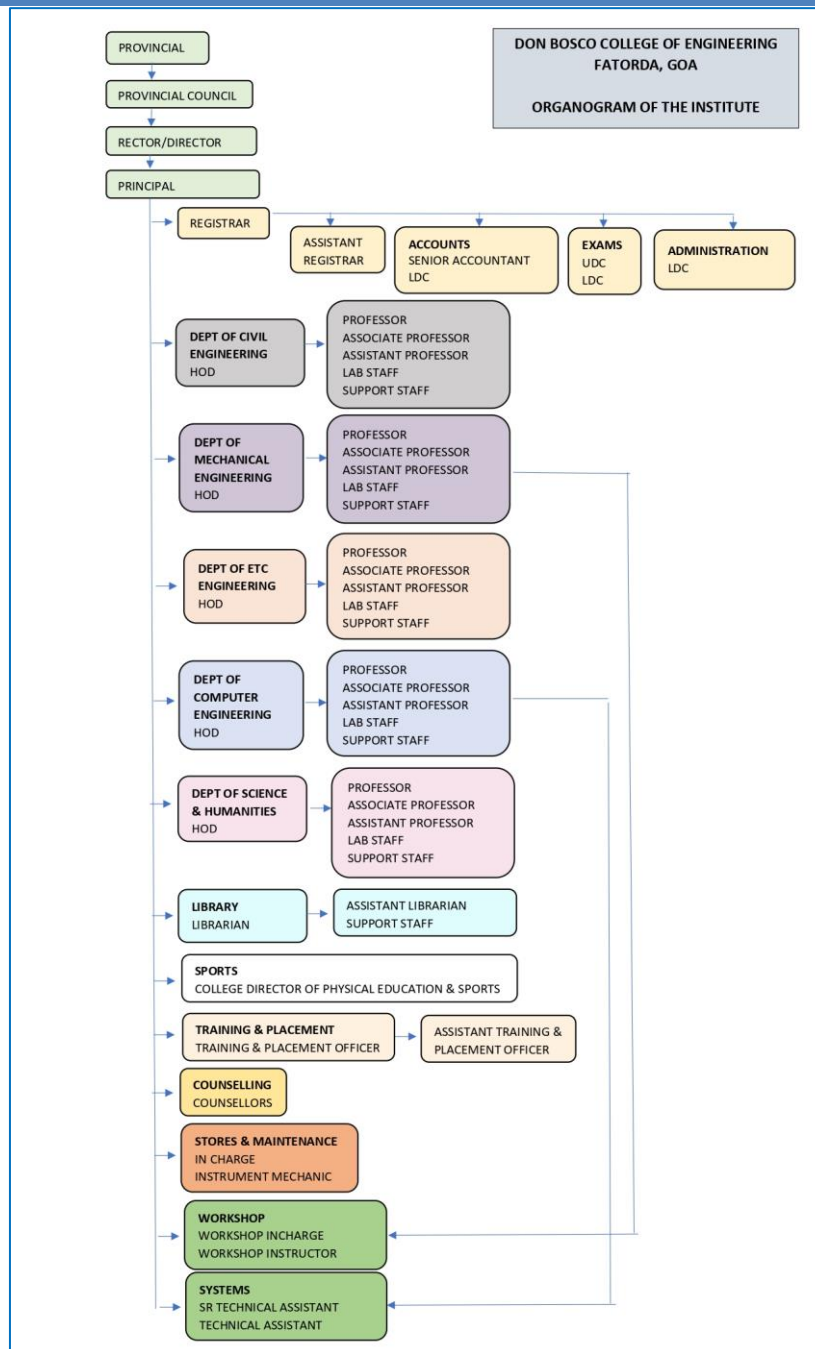
Fr. Kinley D'Cruz	Dr. Neena Panandikar
Director	Principal
Don Bosco College of Engineering	Don Bosco College of Engineering
Fatorda, Margao, Goa - 403206	Fatorda, Margao, Goa - 403206
Tel No.: (0832)2744111/2744112	Tel No.: (0832)2744111/2744112
E-MAIL: director@dbcegoa.ac.in	E-MAIL: principal@dbcegoa.ac.in

4. NAME OF THE AFFILIATING UNIVERSITY

Name of the Affiliating University	Goa University
Address of the Affiliating University	Taleigao Plateau, Goa - 403 206
Website	www.unigoa.ac.in

5. GOVERNANCE

ORGANIZATIONAL CHART AND PROCESSES



BOARD OF GOVENORS

Name & Designation	Affiliation	Membership
Fr. Clive Telles, Provincial	Province of Panjim – Konkan	Chairman
Fr. Kinley D'Cruz, Director	Don Bosco College of Engineering	Director (Nominee of Chairman)
Fr. Banzelao Teixeira, Vice Provincial	Province of Panjim – Konkan	Member
Fr. Francis Silveira, Economer	Province of Panjim – Konkan	Member
Fr. Ralin De Souza, Rector	Don Bosco College of Engineering	Member
Fr. Leo Pereira, Administrator	Don Bosco College of Engineering	Member
Mr. Atul Naik, Industrialist	Precitech Components, Margao, Goa	Member
Mr. Pranay Gupta, Industrialist	91, Springboard, Panaji, Goa	Member
Dr. Mridula Goel, Educationist	BITS Pilani, Goa	Member
Mr. Ajit Salunke, Associate Professor	Don Bosco College of Engineering	Member
Mr. Harison John Cota, Assistant Professor	Don Bosco College of Engineering	Member
Regional Officer	WRO, AICTE, Mumbai	Member
Dr. V. N. Shet, Dean, Faculty of Engineering	Goa University	Nominee of Goa University
Dr. Vivek Kamat, Director, DTE	Directorate of Technical Education, Goa	Nominee of Government
Dr. Neena Shekhar Pai Panandikar, Principal	Don Bosco College of Engineering	Secretary

ACADEMIC ADVISORY BOARD

CIVIL ENGINEERING	
Dr. Shwetha Prasanna HOD, Civil Engineering, Don Bosco College of Engineering	Chairperson
Mr. B.R. Aniruddha Assistant Professor, Civil Engineering, Don Bosco College of Engineering	Internal Member
Mr. Dattaprasad J.S. Borkar Rtd. Principal Chief Engineer, PWD, Goa	External Member- Industry
Mr. Arman Bankley Director, Armines Group of Companies	External Member- Industry
Mr. D.S. Prashant FiiRE, Forum for Innovation Incubation Research and Entrepreneurship	External Member- Industry
Mr. Chandrashekhar Prabhudessai Consultant - Chandrashekhar Prabhudessai & Associates	External Member- Industry
Mr. Joseph Silvera Rtd. Chief Engineer, Marmagao Port Trust	External Member- Industry
Mr. Subhash C. Yaragal Academics, Dean Planning and Development & Professor, NIT Surathkal	External Member- Academics
Ms. Prachi Dessai Assistant Professor, Civil Engineering, Don Bosco College of Engineering	Member Secretary

MECHANICAL ENGINEERING	
Dr. Pravin Verekar HOD, Mechanical Engineering, Don Bosco College of Engineering	Chairperson
Mr. Gautam Raj General Manager, MRF Ltd., Usgaon Industrial Estate, Goa	External Member- Industry
Mr. Nilesh Dessai	External Member-

Chief Manufacturing Officer & Unit Head, Paradeep Phosphates Limited (Goa Unit)	Industry
Mr. Sachin Mirajkar Director - Operations, Netzsch Technologies India Pvt. Ltd., Verna Industrial Estate, Goa	External Member-Industry
Mr. Prasad Adpaikar Manager - Engineering, Sanofi Healthcare India Pvt. Ltd., Verna Industrial Estate Verna Industrial Estate, Goa	External Member-Industry
Dr. Jaganath Hirkude Professor, Department of Mechanical Engineering, Goa Engineering College	External Member-Academics
Dr. Anirudha Ambekar Assistant Professor, School of Mechanical Sciences, IIT Goa	External Member-Academics
Mr. Ajit Salunke Associate Professor, Mechanical Engineering, Don Bosco College of Engineering	Internal Member
Mr. Avil D'Sa Assistant Professor, Mechanical Engineering, Don Bosco College of Engineering	Member Secretary

ELECTRONICS & COMPUTER SCIENCE

Dr. Vidhya D S, HOD, ECS, Don Bosco College of Engineering	Chairperson
Mr. Abhijit Tamba Proprietor, EME Automation, Goa	External Member-Industry
Mr. Malcolm D'Souza Co-founder and CTO, Mrinq Technologies, Margao	External Member-Industry
Mr. D.S. Prashant FiiRE, Forum for Innovation Incubation Research and Entrepreneurship, Fatorda	External Member-Industry
Dr. Yogesh Agarwadkar Director, Infi - Corridor Solution Pvt. Ltd., Mumbai	External Member-Industry
Dr. Nithin Kumar Y.B Associative Professor, Electronics and Communication Engg. Dept, NIT Goa	External Member-Academics

Dr. Hasan Ali Virani HOD ETC, Goa Engineering College, Goa	External Member- Academics
Ms. Kimberly Moraes Assistant Professor, ECS, Don Bosco College of Engineering	Member Secretary

COMPUTER ENGINEERING

Dr. Gaurang Patkar HOD, Computer Engineering, Don Bosco College of Engineering	Chairperson
Mr. Kishore Shah Director, Idea Unlimited	External Member- Industry
Mr. Gaurav Ghelani Academic Relationship Manager, Tata Consultancy Services	External Member- Industry
Mr. Austin Colaco Project Manager, NE Technologies	External Member- Industry
Mr. Shravan Hegde Chief Technical Officer, Contractzy	Invited Member - Industry
Dr. Aisha Fernandes Associate Professor, Department of Computer Engineering, Goa Engineering College	External Member- Academics
Dr. Amrita Naik Assistant Professor, Computer Engineering, Don Bosco College of Engineering	Member Secretary

Frequency of the Board of Governors Meeting: 01 meeting per academic year

Frequency of Academic Advisory Body Meeting: 01 meeting per academic year

Additional meetings are conducted if required.

MECHANISM/ NORMS AND PROCEDURE FOR DEMOCRATIC/ GOOD GOVERNANCE

For good governance, the Fatorda Salesian Trust ensures through various policies and decisions to provide quality education and training with a global perspective that produces

engineers with professionalism and ethics. Also focuses to promote research and provide consultancy services through advocacy and collaboration with prestigious institutions, industry, and all other stakeholders, locally and globally. With state-of-the-art facilities for incubation, it promotes innovation and entrepreneurship skills. With value education as one of the highest priorities it encourages holistic learning environment, thus ensuring integral development of the youth, the Don Bosco way. The management is approachable and has an open mind in discussing and solving the issues that are put forth and always strive towards the betterment of the stakeholders.

STUDENT FEEDBACK ON INSTITUTIONAL GOVERNANCE/ FACULTY PERFORMANCE

At the end of every semester feedback is being taken from every student about faculty and facilities and the same is analyzed by the Principal and Director during the Appraisal.

GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENTS

The Grievance Redressal Committee is formed to register the grievances of the students as well as the Teaching and Non-teaching staff. A Complaint Register is created and kept in the office of the Director under the supervision of a staff. On receipt of the Complaint, the staff in charge of the register will report to the Chairperson of the Grievance Redressal Committee. The Committee will meet and investigate the information provided by the complainant. Any aggrieved Student or Parent may appear in person to present the case. The Grievance Redressal Committee shall conduct an enquiry to find the nature and extent of the grievance. The committee shall suggest the steps to be started at the level of the Institute. The redressal / final action to be taken is left to the principal. The complaint can be registered online on the link provided on the college website.

ESTABLISHMENT OF ANTI RAGGING COMMITTEE

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16/05/2007 and Civil Appeal Number 887 of 2009, dated 8/05/2009, and Notification by

AICTE F No.37.3/Legal/AICTE 2009, dated 01/07/2009 for Prevention and Prohibition of Ragging in Technical Institutions, Universities including deemed to be Universities imparting technical educations Regulations 2009 and as a measure for prevention of ragging, the following Anti-Ragging Committee has been reconstituted for Don Bosco College of Engineering, Fatorda, Margao, Goa.

Members	Designation
Dr. Neena S. P. Panandikar Chairperson	Principal Don Bosco College of Engineering
Mr. Uday Prabhudessai Member	Deputy Collector & Sub Divisional Magistrate Salcete, Margao, Goa
Mr. Ditendra Naik Member	Police Inspector Fatorda Police Station
Mr. Diana Fernandes Member	Reporter The Navhind Times
Mr. Radharao Gracias Member	Advocate
Mr. Ajit Salunke Member	Associate Professor Mechanical Engineering, Don Bosco College of Engineering
Ms. Natasha P. D'Souza e Jaques Member	Assistant Professor Science & Humanities, Don Bosco College of Engineering
Mrs. Macklin Xavier Parent 1	Housewife
Mr. Xavier Gracias Parent 2	Marine Superintendent Fleet Company
Ms. Araneta Livra Abreu Fresher 1	FE Student Computer Engineering, Don Bosco College of Engineering
Mr. Ved Vinayak Fadte Fresher 2	FE Student Civil Engineering, Don Bosco College of Engineering
Ms. Amanda Luis Senior Student 1	BE Student Civil Engineering, Don Bosco College of Engineering
Mr. Vadiraj Inamdar Senior Student 2	BE Student Computer Engineering, Don Bosco College of Engineering

Mr. Aadarsh Vishwanath Chodankar Senior Student 3	BE Student Mechanical Engineering, Don Bosco College of Engineering
Ms. Veronica Fernandes Member	Assistant Registrar Don Bosco College of Engineering
Mr. Ryan Neves Pereira Member	College Director of Physical Education and Sports Don Bosco College of Engineering

ESTABLISHMENT OF ONLINE GRIEVANCE REDRESSAL MECHANISM

Any stakeholder may register the grievance online on the link provided on the institute website.

<https://docs.google.com/forms/d/e/1FAIpQLSeZl8t-j0m0xBtkfgwNf3biecHNJEydQTLy9AqePOCAKOzBg/viewform>

ESTABLISHMENT OF GRIEVANCE REDRESSAL COMMITTEE IN THE INSTITUTION

The Grievance Redressal Committee was formed to register the grievances of the students as well as the Teaching and Non-teaching staff. A Complaint Register is created and kept in the office of the Director under the supervision of staff. On receipt of the Complaint, the staff in charge of the register will report to the Chairperson of the Grievance Redressal Committee. The Committee will meet and investigate the information provided by the complainant. Any aggrieved Student or Parent may appear in person to present the case. The Grievance Redressal Committee shall conduct an enquiry to find the nature and extent of the grievance. The committee shall suggest steps to be taken at the level of the Institute. The redressal / final action to be taken is left to the principal.

Student Grievance Redressal Committee

Members	Designation
Dr. Neena S. P. Panandikar Chairperson	Principal

Dr. Shwetha P. Member	Associate Professor Civil Engineering
Dr. Gaurang Patkar Member	Associate Professor Computer Engineering
Mrs. Mathilda Colaco Member	Assistant Professor Electronics & Computer Science
Mr. Om Mahanand Parab Member	Student representative –Special Invitee

Staff Grievance Redressal Committee

Members	Designation
Dr. Neena S. P. Panandikar Chairperson	Principal
Dr. K. S. Bhat Member	Associate Professor Goa University
Dr. D. S. Vidhya Member	Associate Professor Electronics & Computer Science
Mr. Ajit Salunke Member	Assistant Professor Mechanical Engineering

ESTABLISHMENT OF INTERNAL COMMITTEE (IC)

The Internal Committee examines all complaints received and conducts institute enquiry to examine complaints by the aggrieved.

Members	Designation
Dr. Shwetha P. Chairperson	Associate Professor Civil Engineering
Ms. Vaishali Parakhi Member	Assistant Professor Science & Humanities
Ms. Anisha Cotta Member	Assistant Professor Electronics & Computer Science
Ms. Manisha Fal Dessai Member	Assistant Professor Computer Engineering
Ms. Starina J. Dias	Assistant Professor

Member	Civil Engineering
Ms. Elaine Dias	Counsellor
Member	
Ms. Famina Fernandes	LDC
Member	
Ms. Auda Viegas	Women Activist,
Member	NGO – Bailancho Saad
Mr. Joseph Makkimane	Student
Member	
Ms. Sanika Yeshwant Desai	Student
Member	
Ms. Clarita Theresa Liane De Souza	Student
Member	

ESTABLISHMENT OF COMMITTEE FOR SC/ST

Members	Designation
Dr. Neena S. P. Panandikar	Principal
Chairperson	
Mr. Satyesh Kakodkar	Assistant Professor
Member	Civil Engineering
Ms. Anisha Cotta	Assistant Professor
Member	Electronics & Computer Science
Ms. Mathilda Colaco	Assistant Professor
Member	Electronics & Computer Science
Mr. Norman Dias	Assistant Professor
Member	Computer Engineering
Mr. Sachin Turi	Assistant Professor
Member	Mechanical Engineering
Ms. Edlina Salema	LDC
Member	
Ms. Samprita B. Ghadi	Laboratory Assistant
Member	

INTERNAL QUALITY ASSURANCE CELL

Members	Designation
Dr. Neena S. P. Panandikar Chairperson	Principal Don Bosco College of Engineering
Fr. Ralin De Souza Member	Rector Fatorda Salesian Society
Mr. Savio Carvalho Member	Director, Turbocam India Pvt. Ltd.
Dr. Kala R Nayak Member	Registrar, Professor, Head of Science & Humanities
Dr. D. S. Vidhya Member	Associate Professor, Head of Electronics & Computer Science
Mr. Ajit Salunke Coordinator	Associate Professor, Head of Mechanical Engineering
Dr. Shwetha P. Member	Associate Professor, Head of Civil Engineering
Dr. Gaurang Patkar Member	Associate Professor, Head of Computer Engineering
Mr. Harison Cota Member	Assistant Professor, Science & Humanities
Ms. Avila S. Naik Member	Training & Placement Officer T & P Cell
Mr. Ronan Chris Mendes Member	Student, Third Year, Computer Engineering, DBCE
Mr. Shwetang Nadkarni Member	Alumnus, Civil Engineering, DBCE

6. PROGRAMMES

Name of the Programme approved by: AICTE	Bachelor of Engineering (BE) Mechanical Engineering Civil Engineering Electronics & Computer Science / Electronics & Telecommunication
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	Engineering Computer Engineering Master's in Engineering (ME) Civil Engineering - Computer Aided Structural Engineering
Name of the Programme accredited by NBA	UG in Mechanical Engineering Civil Engineering Electronics & Telecommunication Engineering Computer Engineering
Status of Accreditation of the Courses	Civil, Mechanical and ETC Engineering is accredited till 2025. Computer Engineering is accredited till 2026.
Total number of Courses	04 (UG) 01 (PG)

For each Programme the following details are to be given:

UG Programme

Name		Civil Engineering	Mechanical Engineering	Electronics & Computer Science	Computer Engineering
Number of Seats		60	60	60	90
Duration		4 years	4 years	4 years	4 years
Cut off Marks/Rank of admission during last three years including current academic year	2023-2024	GCET Rank:1844	GCET Rank:1850	GCET Rank:1576	GCET Rank:1098
	2022-2023	GCET Rank:1502	GCET Rank:1466	GCET Rank:1094	GCET Rank:377
	2021-2022	GCET Rank:1392	GCET Rank:1461	GCET Rank:1451	GCET Rank:527
	2020-	GCET	GCET	GCET	GCET

	2021	Rank:1428	Rank:1497	Rank:1090	Rank:929
Fee	As approved by State Level Committee				
Campus placement in last year with minimum salary, maximum salary, and average salary	The Institute has a full-fledged Training and Placement Cell. It consists of a Training & Placement Officer, Assistant Training & Placement Officer, and the faculty and student team. All training in terms of technical, soft skills and pre-placement training is provided year-long. The details are uploaded on the website: https://tpc.dbcegoa.ac.in/				
Twinning and Collaboration with Foreign University(s)	Nil				

PG Programme

Name		Computer Aided Structural Engineering
Number of Seats		18
Duration		2 years
Cut off Marks/Rank of admission during last three years including current academic year	2023-2024	In Process
Fee	As approved by State Level Committee	
Campus placement in last year with minimum salary, maximum salary, and average salary	Not Applicable	
Twinning and Collaboration with Foreign University(s)	Nil	

7. FACULTY

Course	Civil Engineering
Faculty Profile	https://civil.dbcegoa.ac.in/faculty/
Permanent Faculty	10

Adjunct Faculty	Nil
Permanent Faculty: Student Ratio	1:20

Course	Mechanical Engineering
Faculty Profile	https://mech.dbcegoa.ac.in/faculty/
Permanent Faculty	11
Adjunct Faculty	Nil
Permanent Faculty: Student Ratio	1:20

Course	Electronics & Computer Science
Faculty Profile	https://etc.dbcegoa.ac.in/faculty/
Permanent Faculty	14
Adjunct Faculty	Nil
Permanent Faculty: Student Ratio	1:20

Course	Computer Engineering
Faculty Profile	https://comp.dbcegoa.ac.in/faculty/
Permanent Faculty	11
Adjunct Faculty	Nil
Permanent Faculty: Student Ratio	1:20

8. PROFILE OF PRINCIPAL

Principal Profile	
Name	Dr. Neena Shekhar Pai Panandikar http://dbcegoa.ac.in/principal-profile/

9. FEE

Academic Year 2023-2024	
Details of Fee, as approved by State Fee Committee, for the Institution	https://dbcegoa.ac.in/wp-content/uploads/2023/07/ODD-SEMESTER-FEE-NOTICE-UNDER-

	GRADUATE_23-24.pdf
Time schedule for payment of fee for the entire programme	July to September January to March
No. of Fee waivers granted with amount and name of students	TFW: 54 PMSSS: 00
Number of scholarships offered by the Institution, duration, and amount	Number of scholarships offered: 07 Number of students availed scholarships: 22 Duration: Yearly Amount (Approx.): Rs. 3,70,000.00
Criteria for Fee waivers/scholarship	DTE Prospectus 2023-2024 link - https://dte.goa.gov.in/common-prospectus-degree-courses

10. ADMISSION

Number of Seats sanctioned with the year of approval.

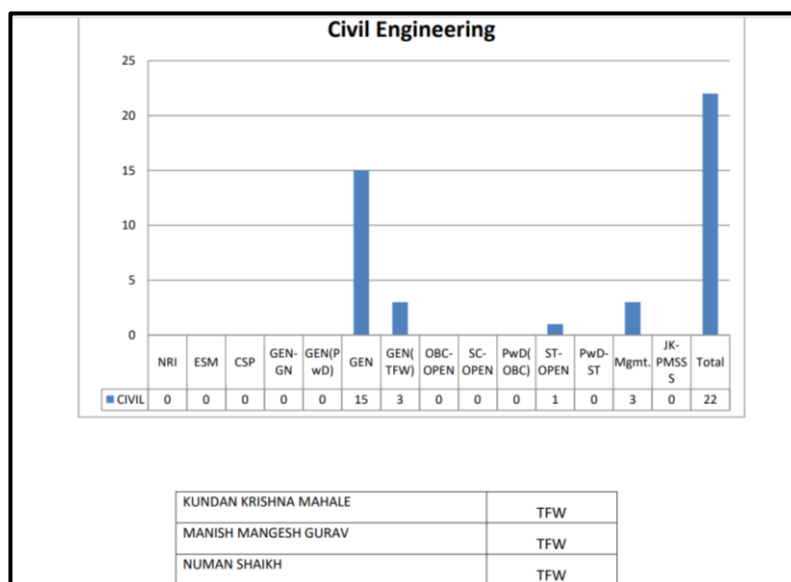
Name of the Course	Year of Start	Intake	Increase in intake if any	Year of increase
Civil Engineering	2011	60	Nil	Nil
Mechanical Engineering	2011	60	60-120	2018
Electronics & Computer Science	2022	60	Nil	Nil
Computer Engineering	2011	60	60-90	2023

Programme (BE) Course	Sanctioned Intake			
	2023-2024	2022-2023	2021-2022	2020-2021
Civil Engineering	60+3*	60+3*	60+3*	60+3*
Mechanical Engineering	60+3*	60+3*	90+5*	120 + 6*
Electronics & Computer Science	60+3*	60+3*	Nil	Nil
Computer Engineering	90+5*	60+3*	60+3*	60+3*

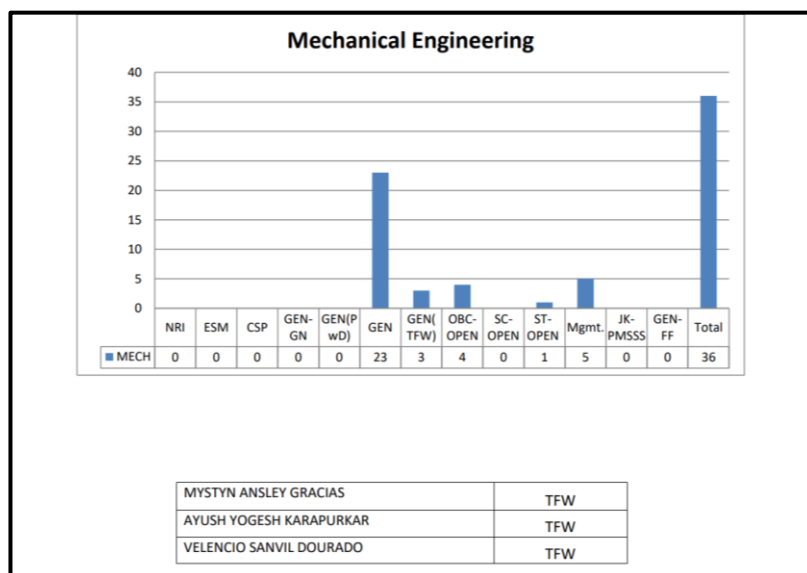
*5% additional intake against AICTE Tuition Fee Waiver Scheme

Number of Students admitted under categories each year in the last three years.

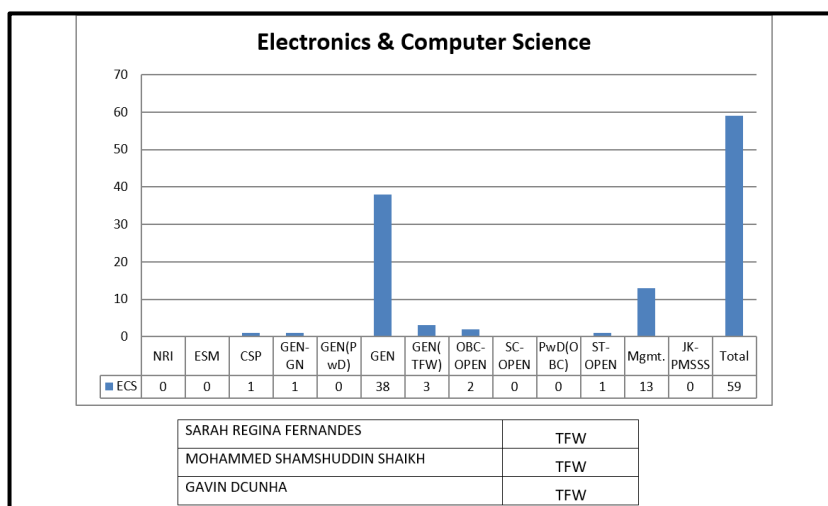
ADMISSION STATISTICS 2022-2023: CIVIL ENGINEERING



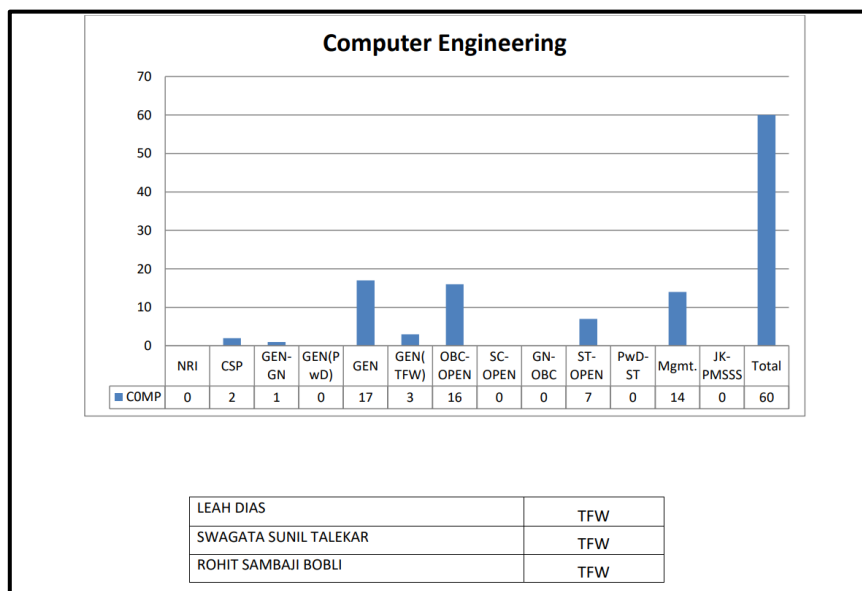
ADMISSION STATISTICS 2022-2023: MECHANICAL ENGINEERING



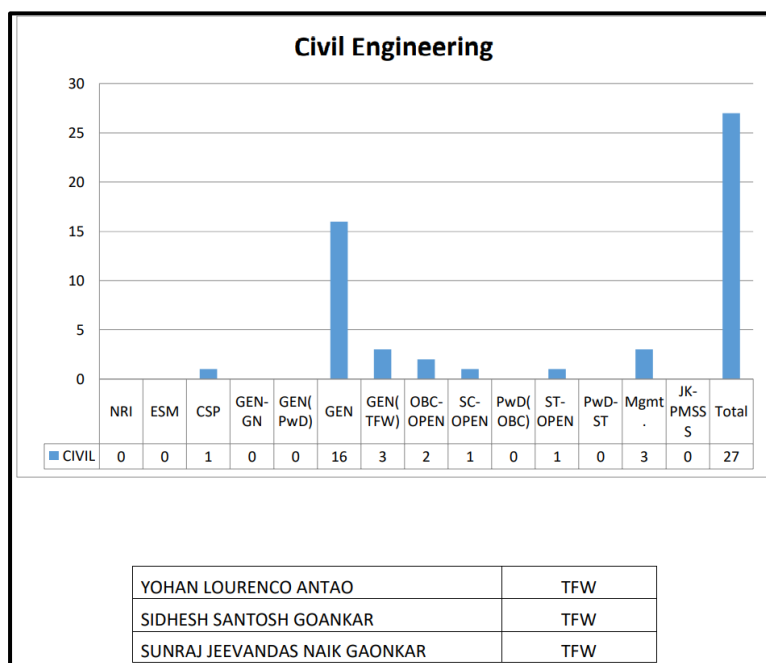
ADMISSION STATISTICS 2022-2023: ELECTRONICS & COMPUTER SCIENCE



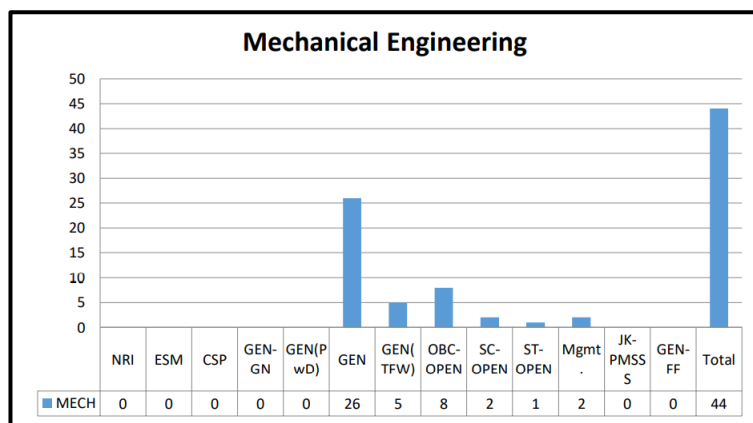
ADMISSION STATISTICS 2022-2023: COMPUTER ENGINEERING



ADMISSION STATISTICS 2021-2022: CIVIL ENGINEERING

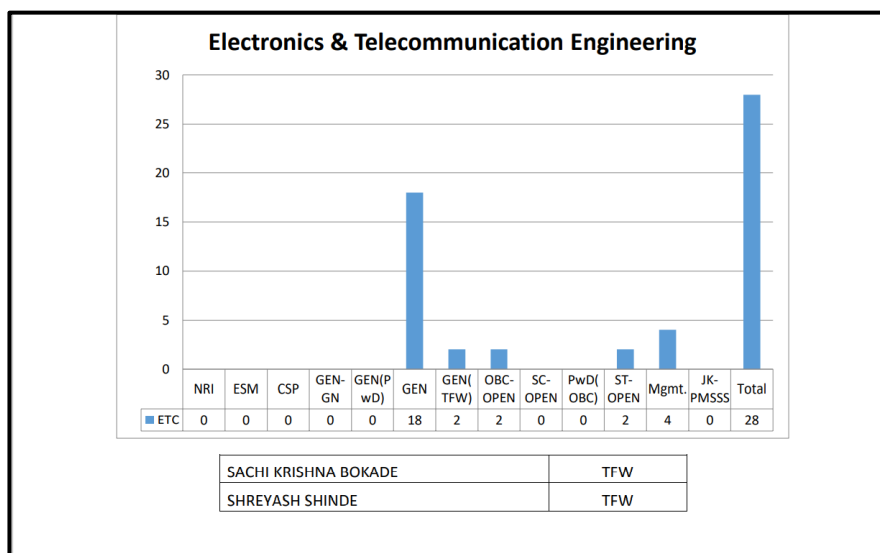


ADMISSION STATISTICS 2021-2022: MECHANICAL ENGINEERING

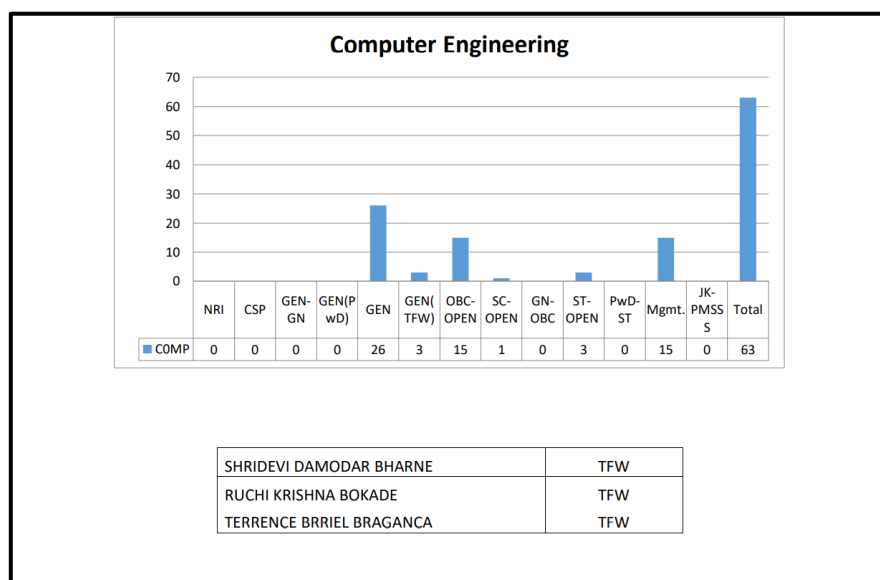


IGNATIUS JONAS BENSON DSILVA	TFW
NOLAN NOEL GOES	TFW
YASH ATISH KURADE	TFW
MOHAMMAD IMRAN SUHEL	TFW
AARON ANTONIO RODRIGUES	TFW

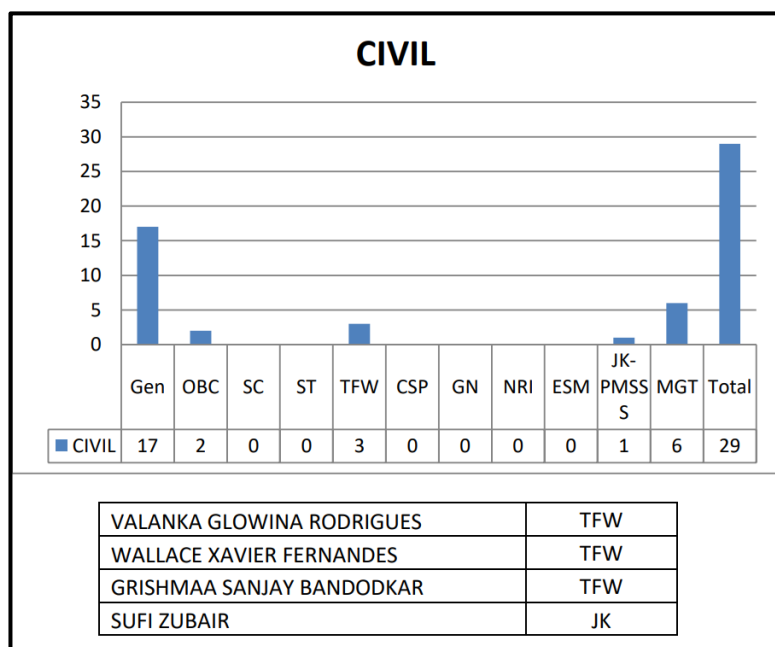
**ADMISSION STATISTICS 2021-2022: ELECTRONICS & TELECOMMUNICATION
ENGINEERING**



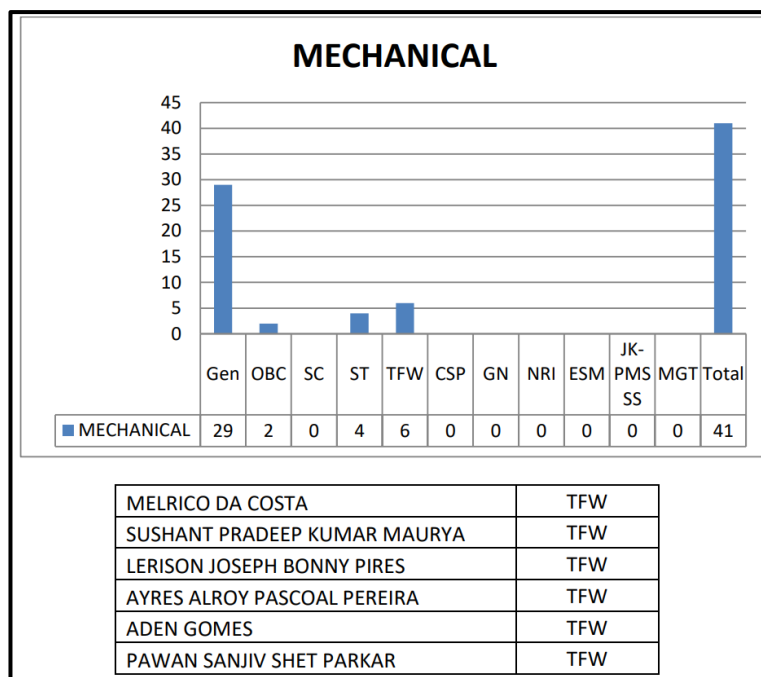
ADMISSION STATISTICS 2021-2022: COMPUTER ENGINEERING



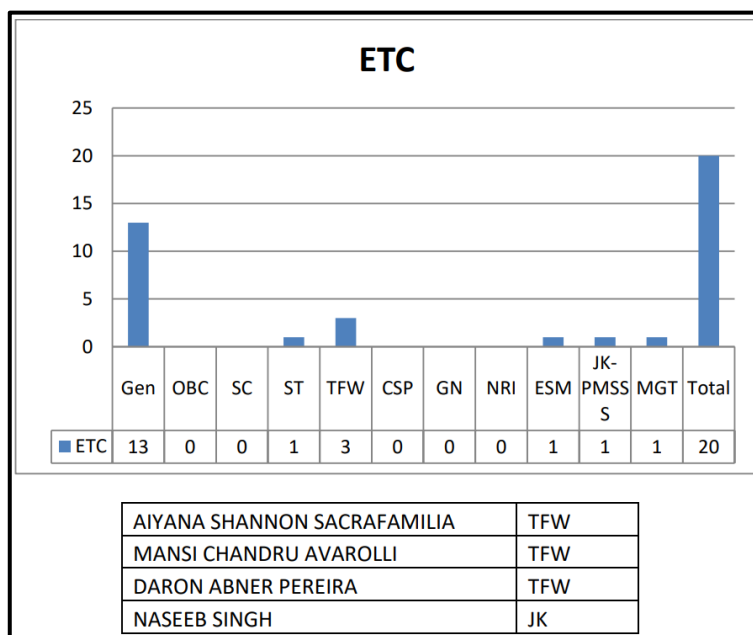
ADMISSION STATISTICS 2020-2021: CIVIL ENGINEERING



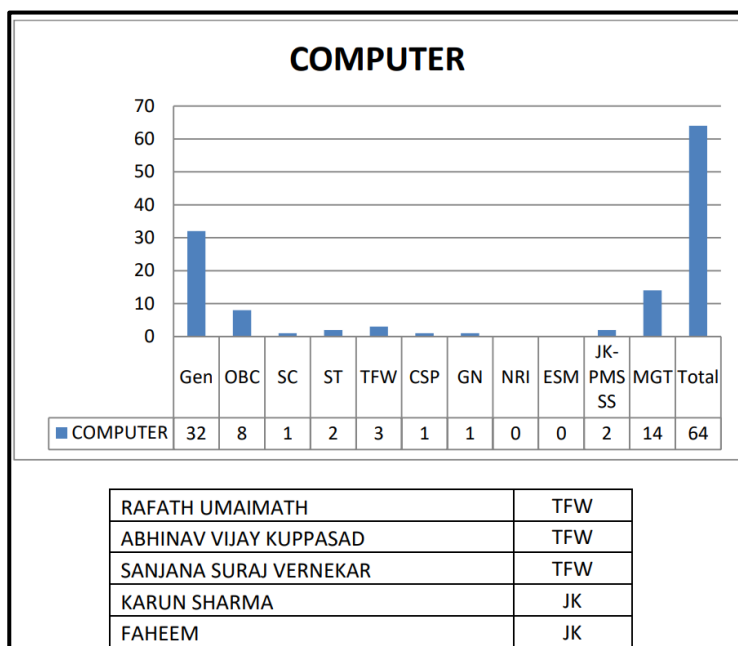
ADMISSION STATISTICS 2020-2021: MECHANICAL ENGINEERING



**ADMISSION STATISTICS 2020-2021: ELECTRONICS & TELECOMMUNICATION
ENGINEERING**



ADMISSION STATISTICS 2020-2021: COMPUTER ENGINEERING



11. ADMISSION PROCEDURE

Mention the admission test being followed, name and address of the Test Agency and its URL (website)	State admissions through Goa Common Entrance Test (GCET), Directorate of Technical Education (DTE), Porvorim, Goa. https://dte.goa.gov.in/admission
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)	Seats allotted to students who appear for GCET conducted by DTE, Goa. DTE Goa Prospectus: https://dte.goa.gov.in/common-prospectus-degree-courses
Admission Calendar	Admission calendar is issued by DTE, Goa
Admission Fee Refund Policy	As issued by DTE, Goa

12. CRITERIA AND WEIGHTAGES FOR ADMISSION

Describe each criterion with its respective weightages i.e., Admission Test, marks in qualifying examination etc.	DTE Prospectus 2023-2024 link - https://dte.goa.gov.in/common-prospectus-degree-courses
Mention the minimum Level of acceptance if any	
Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years	State level entrance test (GCET)
Display marks scored in Test etc. and in aggregate for all candidates who were admitted.	www.dtegoa.ac.in https://www.dte.goa.gov.in/gcet-2023-results

13. LIST OF APPLICANTS

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats.

<https://www.dte.goa.gov.in/gcet-2023-results>

15. INFORMATION OF INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

Number of Classrooms and size of each	17 Classrooms: 11 classrooms of 88 sq.m. 4 classrooms of 94 sq.m. 2 classrooms of 92 sq.m.
Number of Tutorial rooms and size of each	4 Tutorial rooms: 3 Tutorial rooms of 88 sq.m. 1 Tutorial room of 58 sq.m.
Number of Laboratories and size of each	33 with adequate area
Number of Drawing Halls with capacity of each	1 with adequate area
Number of Computer Centers with capacity of each	1 with adequate area
Central Examination Facility, Number of rooms and capacity of each	17 classrooms, 4 Tutorial rooms, 1 additional hall with adequate area, 1 Exam Center
Online examination facility, Number of Nodes, Internet band width, etc.	Yes
Barrier Free Built Environment for disabled and elderly persons	Yes
Fire and Safety Certificate	Yes
Hostel Facilities	No

Library	
Number of Library books/ Titles/ Journals available (program-wise)	Library Books Titles: 1942 Volumes: 12778 Journals: 36
List of online National/ International Journals subscribed	Science Direct: 296
E-Library facilities	National Digital Library of India (NDL) NPTEL (Online & Videos on Hard Disk) E-Shelf
National Digital Library (NDL)	NDLI Club: Don Bosco College of

subscription details	Engineering Registration Number: INGANCVYFCDUKLI Date of Registration: 26/03/2021 Valid Up to: 26/03/2024 Registered Users (Club): 824 27 HCL System: Gigabyte G31 M Motherboard, Intel Dual core 2.70 GHZ, 2 GB RAM Ddrii, DVD Writer, Hard Disk 320 GB
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Laboratory: Civil Engineering	
Laboratory Name	List of Major Equipment
Surveying Lab	Dumpy Level with stand
	Auto level with stand
	Tacheometer with stand
	Prismatic compass with tripod 125mm
	Plane table
	Total Station
	Handheld GPS
Strength of Material	Universal testing machine 100 T
	Impact testing machine
	Single Disk Polishing Machine
	Magnetic Flaw Detection Kit
Concrete Technology	Concrete compression testing machine 200 T
	Compaction factor apparatus
	Sieve shaker motorised
	Rebound hammer
	Vicate Apparatus
	Slump cone
	Accelerated Curing Tank
	Vibration Table
	E Platform Balance 100 kg
	Pan Mixer
	Pundit Lab Pulse Ultrasonic Testing Instrument
	Profometer 650AI
	Silver Schmidt live OS8200 N (Digital rebound hammer)

Fluid Mechanics	Bernoulli's theorem apparatus
	Orifice meter
	Venturi meter
	Rotameter
	Pipe friction apparatus
	Reynold's apparatus
	Tilting flume
Transportation Engineering	Softening Point Test Apparatus
	Standard Penetration Apparatus
	Apparatus to measure Impact Value
	Los Angeles Abrasion test apparatus
	California Bearing Ratio Test Apparatus
	Ductility Apparatus
	Aggregate crushing value test apparatus
	Visco meter
	Flash and fire point Apparatus
CAD/CAM	MIDAS software
	AutoCAD 125 users
	Estima
Geotechnical Engineering	Standard Proctor with rammer complete set
	Direct Shear Apparatus
	Permeability test apparatus
	Liquid Limit test apparatus
	Vane shear test apparatus
	Consolidation Apparatus
	Unconfined Compression Test Apparatus
	Electric oven 250 x 450 x 450 mm
Environmental Engineering	Flocculator
	pH meter, electrode table
	Magnetic stirrer with hot plate
	Turbidity meter
	BOD incubator
	Electric hot air oven
	COD digester
	Single distillation unit

Muffle Furnace

Laboratory: Mechanical Engineering

**Basic Mechanical
Engineering Laboratory**

Model of Babcock & Wilcox Boiler
Model of Lancashire Boiler
Vertical Water tube boiler
Model of Valox Boiler
Pelton turbine model
Francis turbine model
Working Model of 2 stroke petrol engine
Working Model of 2 stroke diesel engine
Working Model of 4 stroke petrol engine
Working Model of 4 stroke diesel engine
Cut section model of 4 stroke diesel engine for valve timing
Cut section model of 2 stroke petrol engine for port timing

**IC Engine Laboratory
Theory of Machines**

2 Stroke 1 cylinder petrol engine test rig w/ eddy current
4 Stroke 1 cylinder diesel engine test rig w/electric loading
4 Stroke 1 cylinder petrol engine test rig w/electric loading
Mini air conditioning Test rig
Gas emission analyzer
Variable compression ratio 1 cylinder, 4 stroke diesel engine with mechanical loading
Universal Governor Apparatus
Motorised Gyroscope
Static and Dynamic Apparatus
Universal Vibration Apparatus

Heat & Mass Transfer

Thermal Conductivity of Insulating Powder
Heat transfer from a pin apparatus
Stefan Boltzmann Apparatus

Hydraulics Machines

Reciprocating Pump Test Rig (Constant speed)
Pelton Wheel Turbine Test rig with 5 HP Kirloskar motor
Centrifugal pump test rig-variable speed, single stage with 1 HP PMDC motor & speed controller unit
Centrifugal Blower Test Rig
Single stage Reciprocating compressor Test Rig

	Apparatus to study metacentric height of ship
Mechatronics	PLC Trainer kit
	Temperature control trainer (SCADA)
	Pressure control trainer (SCADA)
	Control valve characteristics
	Lab View Full Development System
	Pneumatic Trainer kit
	8051 microcontrollers
	Stepper Motor Interface
	Seven segment LED matrix keyboard
	LabVIEW Vision Module
	NI MY RIO data acquisition device
Metrology	Linear variable differential transformer
	Optical Projector (Profile Projector)
	Strain gauge
	Load cell
	Floating Carriage Micrometer
	Dial Indicator
	Vernier height gauge
	Sine bar 200 mm
CAD/CAM	ANSYS Academic Teaching Introductory Version 14.5 <ul style="list-style-type: none"> • ANSYS (Structural Analysis) • CFX/FLUENT (CFD analysis)
	Workbench (Modelling)
	Solidworks EDU Edition 2014-15 (Bundle)
	CAD+CAE+MasterCAM
	3D Printer
Refrigeration & Air Conditioning	Refrigeration Trainer
	Ice Plant Tutor
	Cut section of Ref. comp
	Mechanical Heat Pump
Automobile Laboratory	BMW engine and transmission system
	Demonstration Chassis Working with Carburetor Vehicle
	Cut Model of Four Stroke Single Cylinder Petrol Engine
	Cut Model of Two Stroke Single Cylinder Petrol Engine

		Cut Model of Worm & Roller Type Steering Gearbox
		Cut Model of Synchrnous Gearbox
		Cut Model of Five Speed Manual Transmission
		Cut Model of Single Plate Coil Spring Clutch
		Cut Model of Single Plate Diaphragm Clutch
		Cut Model of Centrifugal Clutch - Honda Activa
		Cut Model of Maruti Car Wiring System
		Demonstration Board of Ignition System of 4-Wheeler
		Cut Model of Alkaline Battery
		Cut Model of Complete One Side Macpherson Suspension
		Cut Model of Rotary Pump
		Cut Model of Oil Pump External
		Cut Model of Vacuum Pump
		Cut Model of Distributor Type FIP
		Cut Model of Dynamo
		Model of Air Brake System Working
		Cut Section Model of Maruti 800cc MPFI Engine with Gearbox, Clutch & Radiator
		Cut Section Model of Single Cylinder Four Stroke Diesel Engine
		Cut Section Model of Rack & Pinion Type Steering Gearbox
		Cut Section Model of Power Steering
		Cut Section Model of Slidingmesh Gearbox
		Demonstration Board of Fuel Supply System of Petrol Engine
		Demonstration Board of Fuel Supply System of Diesel Engine
		Cut Section Model of Both Side Double with Bone Suspension with Drive Shaft
		Mahindra 540 Diesel Engine Running Condition
		Ambassador Isuzu Diesel Engine Running Condition
		Cut Section Model of Inline Type FIP
Material Laboratory	Science	Hardness Tester
		Metallurgical Microscope
		Disk Polishing Machine
		Fatigue Testing Machine
		Cupping Testing Machine

CNC Centre	HASS VMC 12000RPM Machine
	Gedee Wheeler CNC Machine 6000RPM
Research Laboratory	NI MY RIO Data Acquisition Device
	Minitab Software
	3D Printer
Advanced Welding Laboratory	TIG welding HF console with TIG cable and torch (440 V, 3 phase, 50 Hz), TPSi 320 C (Compact)
	Magicwave 230i along with TIG accessories
	Transpocket 150 along with Welding Holder, Earth Clamp & Welding cables

Laboratory: Electronics & Computer Science (ETC Engineering)	
Laboratory Name	List of Major Equipment
Basic Electronics Engineering Laboratory	Function Generator
	CRO
	DC Power Supply
	Digital Storage Oscilloscope
Microwave Engineering Laboratory	CRO
	Radar Trainer Kit
	Function Generator
	DC Power Supply
	Digital Storage Oscilloscope
	Microwave Test Bench
	Radar Trainer
Analog Electronics Laboratory	Mobile Phone Trainer Kit
	UPS Trainer KIT
	Function Generator
	CRO
	DC Power Supply
	Digital Storage Oscilloscope
	Audio Amplifier Trainer Kit
Digital Systems and Electronic Instrumentation Laboratory	Digital IC Trainer
	PLC trainer
	Digital Storage Oscilloscope (DSO)
	Linear Variable Differential Trainer

	Oscilloscope trainer
	E-YANTRA Kits
	12 lead ECG Simulator
	Electro Myograph
	Encephalograph simulator
	Blood pressure Measurement
	Pacemaker simulator
	Single channel ECG Telemetry 2359
Communication Engineering Laboratory	Frequency Modulation & Demodulation
	Spectrum Analyzer
	Satellite Communication Trainer
	Optical Fiber Communication Kit
	LAN Hardware trainer
Embedded Systems Laboratory	PIC 18F45xx Development Board
	ARM 7 LPC 2148 Development Board
Control and Automation Laboratory	DC Motor- Shunt Motor, DC Series Motor, Compound Motor, Working Cut Section Motor, Repulsion Motor
	AC Motor- Induction Motor, 3 Phase Slipring Induction Motor with Panel, AC Alternator
	Dynamometer
	Load Testing Motor Setup
	DC Generator
	VFD
	Multimeter
	Auto Transformer Single Phase, 3 Phase
	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 4GB Ram Ddr3, Hard Disk 1tb
Signal Processing Laboratory	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 4GB Ram Ddr3, Hard Disk 1tb (30 in number)
EDA Tools Lab	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 4GB Ram Ddr3, Hard Disk 1tb (20 in number)
	FPGA kit (Includes Daughter board, J Tags, Stepper/DC Motor, ADC/DAC Interface and Temp & Relay Interface as a

	set. 4 sets in number)
Project Laboratory	Shearing Bridge Kit
	CRO
	DC Power Supply
	Digital Storage Oscilloscope
	Analog Meter, Voltmeter Ammeter
	Digital Multimeter, Tachometer
	Single/3 Phase Energy Meter
	Insulation Tester
	Restive Load Inductive Load Kit
	IC Tester
	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 4GB Ram Ddr3, Hard Disk 1tb

Laboratory: Computer Engineering	
Laboratory Name	List of Major Equipment
Basic Computing Lab	VIP Assembled Machine: Intel Core i5-11400 (11th Gen. 2.6GHz H510M-E Prime- Asus-Motherboard, 8GB RAM DDR4, Hard Disk 240.0 GB SSD.
Open-Source Technology Lab	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4460 3.20 GHZ, 8GB RAM DDR III, Hard Disk 1TB/250 GB/240GB SSD.
Computer Network Lab	VIP Assembled Machine: Intel DZ75ML Motherboard, Intel Core I5-3330 3.00 GHZ, 8GB RAM DDR III, Hard Disk 500GB/240GB SSD.
	VIP Assembled Machine: Intel DH87RL Motherboard, Intel Core I5-4570 3.20 GHZ, 8GB RAM DDR III, Hard Disk 500GB/240GB SSD.
	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4460 3.20 GHZ, 8GB RAM DDR III, Hard Disk 1TB/240 GB SSD.
Computer Graphics Lab	VIP System: Intel DZ75ML Motherboard, Intel Corei5 3330 CPU 3.00 GHZ, 8GB RAM DDR III, Hard Disk 500GB/ 240GB SSD.
Database Lab	VIP System: Intel DH87RL Motherboard, Intel Corei5 4570

	CPU 3.20 GHZ, 8GB RAM DDR III, Hard Disk 500 GB/ 240GB SSD.
Web Technology Lab	VIP System: Intel DH87RL Motherboard, Intel Corei5 4570 CPU 3.20 GHZ, 8GB RAM DDR III, Hard Disk 500 GB/ 240GB SSD.
Machine Learning Lab	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 8GB RAM DDR III, Hard Disk 1TB/ 240GB SSD.
Image Processing Lab	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 8GB RAM DDR III, Hard Disk 1TB/ 240GB SSD.
Software System Lab	VIP Assembled Machine: Gigabyte H97m-D3h Motherboard, Intel Core I5-4440 3.10 GHZ, 8GB RAM DDR III, Hard Disk 1TB/ 240GB SSD.

Laboratory: Science & Humanities

Laboratory Name	List of Major Equipment
Physics	Newton's Rings
	Thin Air Wedge
	Zener Diode Characteristics
	Voltage Regulator using Zener Diode
	Rectifier Trainer
	Regulated Power Supply Trainer
	Energy Gap of Semiconductor
	Thermistor Characteristics
	e/m by Thomson's Method
	Planck's Constant using Photocell
	Hall Effect Training System
	Laser Experiments Kit
	Abbe's Refractometer
	Dual Channel CRO
	Optical Fibre Trainer
	Hysteresis Loop Tracer
	Helmholtz Resonator
	RLC series/parallel trainer

	Optical Transducer Trainer
Chemistry	Conductivity meter
	Potentiometer
	pH meter
	Colorimeter
	Magnetic stirrer with hot plate
Language Laboratory	Computers (Dual Core, 4GB RAM)
	Server (i5, 4GB RAM)
	Orell Software (along with 25 headphones & 1 web-cam)
	Operating System (Windows 10)

Workshop	
Name	List of Major Equipment
Carpentry	Wood Turning Lathe
	Pedestal Drilling Machine
	Pedestal Grinder
Fitting	Fitting Table/Bench with 6 bench Vices
	Surface Plate
	Bench Grinder
	Radial and Pillar Type drilling Machine
	5-ton press machine with rubber moulding die
Welding	Arc Welding M/C Type of operation
	Advani Oerlikon
	DC Arc Welding M/C
	Bench Grinder
	Pedestal Drilling Machine
	MIG welding Machine
	TIG Welding Machine (MEMCO)
	TIG Welding Suppressor for aluminum
	Air Compressor
	Fronius Transtig 2200 TIG Welding Machine
	Fronius Transpocket Welding Machine
	Fronius Transteel 2700 MIG Welding Machine
Foundry/Smithy	Hearth (mobile)
	Pit (Cast Iron)

Machine Shops	Anvil (50 Kgs)
	Anvil (50 Kgs) (broken body)
	Anvil (75 Kgs)
	Anvil (100 Kgs)
	Geared Lead Lathe Machine
	Champion Belt Drive Lathe Machine (3 jaw chuck,)
	Venus Geared head Lathe machine with three jaw chuck
	Surface Grinder
	Power Hacksaw
	Shaper
	Hydraulic Cylindrical Grinding M/C
	Tool And Cutter Grinding Machine
	Pillar type drilling machine
	Radial and Pillar Type drilling Machine
	BFW Milling Machine
	Bench Grinder
	Pedestal Grinder
	Surface Plate (Granite)
	Hydraulic hand pallet truck

Computing Facilities	
Internet Bandwidth	300 Mbps
Number and configuration of System	450 in number, Intel Core i5, 8GB RAM, 512 GB HDD/240 SSD
Total number of systems connected by LAN	450
Major software packages available	Microsoft Windows Operating System, Microsoft Office 365 A3, Microsoft Visual Studio, Microsoft Visio Professional 2010, QuickHeal Seqrite Endpoint Security, LabVIEW, AutoCAD, MATLAB, MasterCam, Ansys, Solidworks, Minitab 18, Plagiarism Software, Xilinx 14.7, MATLAB R2013a, Net beans Java, Keil v3, Anaconda Navigator, Arduino ide, Tina, Eagle 9.5, NVIS Gerger Utility, Cisco packet tracer, Android Studio, Atmel Studio, Orell Language Software, MIS customized software, Orell Library Software,

	Checker X (Plagiarism Software), E-Granthalaya 3.0 (Library Management Software), Wplsoft, Picloder, Cypress, PSoC Programmer, MP Lab, NYIS 72
Total number of systems connected by WAN	450
Special purpose facilities available	Lab with 100 computers with surveillance facility for online examination. Microsoft Teams available for webinars Google Classroom with Google Meet is available for online classes. Seminar Hall with AV facility including recording with television facility
Facilities for conduct of classes/courses in online mode	Google Meet Workstations with camera and mic available for conduct of online classes
Innovation Cell	Yes
Social Media Cell	Facebook: https://www.facebook.com/Don-Bosco-College-of-EngineeringFatorda-Goa-265557246789379 LinkedIn: https://www.linkedin.com/company/don-bosco-college-of-engineering-fatorda-go/ Instagram: https://instagram.com/dbce_fatorda?utm_medium=copy_link

List of facilities available	
Infrastructure	https://www.dbcegoa.ac.in/wp-content/uploads/2021/01/Don-Bosco-Infrastructure1.mp4
Games and Sports Facilities	https://sports.dbcegoa.ac.in/# , Internal Badminton Court, Table Tennis, Football court, Volleyball court, Basketball Court, Futsal court
Extra-Curricular Activities	Annual Day, PROCYON, Teachers Day, Independence Day, Republic Day, Women's Day, Vanmahotsava, Sports Day, Engineer's Day, etc.

Soft Skill Development Facilities	Language Laboratory
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Teaching Learning Process

Curricula and syllabus for each of the Programmes as approved by the University	<p>Civil Engineering: http://dbcegoa.ac.in/courses-programs/civil-engineering/</p> <p>Mechanical Engineering: http://dbcegoa.ac.in/mechanical-engineering/</p> <p>Electronics & Computer Science: https://dbcegoa.ac.in/electronics-and-computer-science/</p> <p>Electronics & Telecommunication Engineering: http://dbcegoa.ac.in/courses-programs/electronics-telecommunication-engineering/</p> <p>Computer Engineering: http://dbcegoa.ac.in/courses-programs/computer-engineering/</p>
Academic Calendar of the University	https://dbcegoa.ac.in/wp-content/uploads/2023/09/BE-ME.pdf
Academic Timetable with the name of the faculty members handling the Course	Academic timetable is displayed on department noticeboard and in department website page
Teaching Load of each Faculty	As per AICTE norms
Internal Continuous Evaluation System in place	<p>Internal Assessment – Twice/Thrice in a semester</p> <p>Practical / Tutorial evaluation – Weekly</p> <p>Assignments – As per the lesson plan</p>
Student's assessment of Faculty, System in place	Yes

PG Course

Title	Computer Aided Structural Engineering
Laboratory facilities exclusive to the Post Graduate Course	ETABS and Midas Gen software

16. ENROLLMENT AND PLACEMENT DETAILS OF STUDENTS IN THE LAST 3 YEARS

Course		2022-2023	2021-2022	2020-2021
Civil Engineering	Enrolled	80	61	87
	Placed	08	20	16
Mechanical Engineering	Enrolled	109	60	85
	Placed	41	21	15
Electronics & Telecommunication Engineering	Enrolled	47	56	82
	Placed	23	38	31
Computer Engineering	Enrolled	61	59	80
	Placed	36	37	21

17. LIST OF RESEARCH PROJECTS/ CONSULTANCY WORKS

Number of Projects carried out, funding agency, Grant received	https://dbcegoa.ac.in/other-grants/
Industry Linkage	Eduvance, Turbocam, BOSCH, Ultratech, Alcon, Pai Kane, Vedanta, etc.
MoUs with Industries	21 MoUs signed with various organizations. http://www.dbcegoa.ac.in/mou-2/

18. LOA AND SUBSEQUENT EOA TILL THE CURRENT ACADEMIC YEAR

LOA	
2011-2012	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/LOA-Report-2011-12.pdf

EOA	
2023-2024	https://dbcegoa.ac.in/wp-content/uploads/2023/08/EOA-Report-2023-24.pdf
2022-2023	https://dbcegoa.ac.in/wp-content/uploads/2022/08/EOA-Report-ORIGINAL-2022-2023.pdf
2021-2022	https://www.dbcegoa.ac.in/wp-content/uploads/2015/08/EOA-Report-21-22.pdf
2020-2021	https://www.dbcegoa.ac.in/wp-content/uploads/2015/08/EOA_Report-2020-21.pdf
2019-2020	http://www.dbcegoa.ac.in/wp-content/uploads/2015/08/EOA-Report-2019-20.pdf
2018-2019	http://www.dbcegoa.ac.in/wp-content/uploads/2018/07/EOA-Report_2018-19.pdf
2017-2018	http://www.dbcegoa.ac.in/wp-content/uploads/2017/05/EOA_Report_2017-18.pdf
2016-2017	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/EOA-Report-2016-17.pdf
2015-2016	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/EOA-Report-2015-16.pdf
2014-2015	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/EOA-Report-2014-15.pdf
2013-2014	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/EOA-Report-2013-14.pdf
2012-2013	http://www.dbcegoa.ac.in/wp-content/uploads/2017/01/EOA-Report-2012-13.pdf

19. ACCOUNTED AUDITED STATEMENT FOR THE LAST THREE YEARS

2022-2023	Pending
2021-2022	https://dbcegoa.ac.in/wp-content/uploads/2022/11/Final-Accounts_Engg-College_21-22.pdf
2020-2021	https://dbcegoa.ac.in/wp-content/uploads/2022/02/Final-Accounts_Engg-College_20-21.pdf

20. BEST PRACTICES ADOPTED, IF ANY

R&D Sessions: The faculty (teaching and non-teaching) present their views on varied topics related to research through research paper reviews, book reviews and technology talks to promote research culture.

KSHITIJ: Annual Project Competition and Exhibition that exhibits mini and major projects of under-graduate students at various colleges at the institute and school children too.

Audit Courses: Audit courses taught for students to mitigate the curriculum gap and to bridge strengthen the industry-academia collaboration.

Value Education: Value Education and Soft Skills courses are for all the students to support and strengthen ethical values and culture.

Academic Audit Review: Academic planning and preparation is monitored, and its efficacy is quantified through academic audit process.