

Don Bosco College of Engineering
Fatorda, Goa-403602
EXAMINATION NOTIFICATION

Ref No: DBCE/Exam/2024-25/ 10

Date: 13 March 2025

All the students are notified that the schedule mentioned below is for the **OFFLINE EXAMINATION APPLICATION FORMS** for admission to the Bachelor of Engineering (BE) for the examinations to be held in May/June 2025.

Examination: **REPEAT**

Revised Course: **RC 2019-20 (Semester V, VI, VII, VIII)**

Timeline: To be filled from **Monday, 17/03/2025 to Friday, 28/03/2025**

Sr. No.	Particulars															
1.	<p><i>Offline Submission of Application forms (Without Late Fee) is from 17/03/2025 to 28/03/2025</i></p> <table border="1"><thead><tr><th colspan="5">Schedule for Submission of Examination Forms</th></tr><tr><th>Branch</th><th>Semester</th><th>Date</th><th>Time</th><th>Venue</th></tr></thead><tbody><tr><td>All Branches</td><td>V, VI, VII, VIII</td><td>17/03/2025 to 28/03/2025</td><td>12.30 pm to 2.30 pm</td><td>Examination Office</td></tr></tbody></table>	Schedule for Submission of Examination Forms					Branch	Semester	Date	Time	Venue	All Branches	V, VI, VII, VIII	17/03/2025 to 28/03/2025	12.30 pm to 2.30 pm	Examination Office
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Branch	Semester	Date	Time	Venue												
All Branches	V, VI, VII, VIII	17/03/2025 to 28/03/2025	12.30 pm to 2.30 pm	Examination Office												
2.	<p><i>Last date for offline submission of Application forms (With Late Fee of Rs. 340/-) is 04/04/2025</i></p>															

1. Examination for theory shall be conducted from 26/05/2025.
2. The Examination fees shall be applicable as per the fee structure for the academic year 2024-25 notified vide Notification No. GU/Exam/Fee/20/2024/702 dated 27/03/2024 and mentioned in this notification.

3. The student will pay the required amount through online payment to **HDFC Bank**.

PAYMENT LINK: <https://forms.eduqfix.com/dbfexamform/add>



4. The student shall collect the Examination form from the Examination office and submit the form along with the fee receipt.

5. Incomplete forms and forms without the prescribed fee and receipt shall not be accepted by the College.

6. Ensure to make the correct payment as **NO REFUND** will be given in case of wrong payment.

7. **The students who have failed in any of the paper/ papers and have applied for the revaluation, they may fill the form after the results of revaluation (for that particular Semester) within 2 days of the date of result. HOWEVER, THEY SHOULD FILL THE FORM FOR THE SEMESTER THEY ARE ELIGIBLE FOR.**

(Note: This does not apply for the students who have passed and have applied for the revaluation.)

8. All students must **COMPULSORILY** write their **ABC Registration Number** on the top corner of Exam form.

FEE STRUCTURE FOR THE ACADEMIC YEAR 2024-2025

CIVIL / MECHANICAL / ECS / ETC / COMPUTER Engineering

RC 2019-20 Semester V/ VI/VII/ VIII (CBCS)

General Category:

<i>Branch</i>	<i>Registration Fee</i>	<i>Credits</i>	<i>Fee per Credit</i>	<i>Total Fee: Registration Fee + (No. of Credits*Fee per Credit)</i>
<i>All branches</i>	<i>Rs. 585/-</i>	<i>Depends on the repeat papers and its respective credits</i>	<i>Rs.230/-</i>	<i>Rs. 585+(Depends on the repeat papers and its respective credits *Rs.230) = Total Amount</i>

SC/ST/OBC Category

(Attach a copy of valid Caste Certificate issued by the competent authority)

<i>Branch</i>	<i>Registration Fee</i>	<i>Credits</i>	<i>Fee per Credit</i>	<i>Total Fee: Registration Fee + (No. of Credits*Fee per Credit)</i>
<i>All branches</i>	<i>Rs. 585/-</i>	<i>Depends on the repeat papers and its respective credits</i>	<i>Rs.115/-</i>	<i>Rs. 585+(Depends on the repeat papers and its respective credits *Rs.115) = Total Amount</i>

Branch	Semester	Nomenclature of the Course	No. of Credits
Civil Engineering	V	Concrete Technology	4
		Environmental Engineering	4

		Pavement Design and Construction/ Numerical Methods/ Environmental Impact Assessment and Life Cycle Analysis/ Foundation Engineering/ Occupational Safety and Health Assessment	3
		Advanced Structural Analysis/ Green Building/ Ground Improvement Techniques/ Rural Water Supply and Onsite Sanitation System/ Advanced Surveying	3
		Concrete Technology and Transportation Engineering Lab	1
		Geotechnical and Environmental Engineering Lab	1
		Open Elective	3
		Entrepreneurship & IPR	3
		Honors/Minor (Specialization)-Contraction Contracts Management and Specifications.	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Mechanical Engineering	V	Manufacturing Technology _I	4
		Dynamics of Machinery	4
		Mechanical Vibrations/Mechatronics/Advanced Thermodynamics/Management Information Systems/Industry Safety and Mechanical Health	3
		Gas Dynamics and Turbo Machinery /Engineering Tribology/ Advanced Machine Design/Micro Electro Mechanical Systems/Instrumentation and Control	3
		Manufacturing Laboratory	1
		Dynamics of Machinery Laboratory	1
		Open Elective	3
		Engineering Statistics	3
		Honors/Minor (Specialization)-Industry 4.0 and Industrial Internet of Things	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Electronics And Telecommunication Engineering	V	Analog and Digital Communication	4
		Digital Signal Processing	4
		Embedded Systems	3
		Power Electronics	
		Soft Computing	
		Digital Image Processing	3
		Electronic Instrumentation and Automation	
		Information Theory and Coding	
		Communication Engineering Lab	1
		Electronic Measurement Lab	1
		Open Elective	3
		Ethics and Entrepreneurship	3

Branch	Semester	Nomenclature of the Course	No. of Credits
Electronics & Computer Science	V	Electronic Communication Systems	4
		Database Systems Concepts	3
		Open-Source Software Development/Software Engineering/Soft Computing/Design and analysis of Algorithms/Computer Graphics	3
		Control System Engineering/Power electronics/Digital signal Processing and Applications/Transmission Lines and Antennas/Consumer Electronics	3
		Web Technology Lab	1

		Database Systems Lab	1
		Professional Elective Lab -I	1
		Open Elective	3
		Ethics and Entrepreneurship	3
		Honors/Minor (Specialization)- Fundamentals of Artificial Intelligence	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Computer Engineering	V	Database Management & Query Processing	3
		Operating systems	3
		Graph Theory/Neural Networks/Object Oriented Programming using JAVA/ Distributed Operating Systems	3
		Modern Computer Graphics/Web-Technologies/ Testing and Quality Assurance/Real –Time Systems	3
		Database Management & Query Processing lab	2
		Operating systems Lab	2
		Open Elective	3
		Cyber Law and IPR	3
		Honors/Minor (Specialization)- Introduction to Artificial Intelligence and Machine Learning	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Civil Engineering	VI	Design of Reinforced Concrete Structures	4
		Design of Steel Structures	4
		Geosynthetics and Application/ Finite Element Method/ Air and Noise Pollution and Control	3

		Bridge Engineering/ Construction Equipment & Automation/ Ground Water Engineering	3
		Structural Engineering Lab	1
		Open Elective	3
		Estimation and Costing	4
		Honors/Minor (Specialization)- Corporate Laws and Arbitration	3

Branch	Semester	Nomenclature of the Course	No. of Credits
Mechanical Engineering	VI	Heat and Mass Transfer	4
		Manufacturing Technology-II	4
		Power Plant Engineering/ Fiber Reinforced Composites	3
		Alternate Energy Sources/ Fluid Power Control/ Supply Chain Management	3
		Thermal Laboratory-II	1
		Manufacturing & Automation Laboratory	1
		Open Elective	3
		Technical English & Report Writing	3
		Honors/Minor (Specialization)- PLC and SCADA	4

Branch	Semester	Nomenclature of the Course	No. of Credits
ETC Engineering	VI	Control System Engineering	4
		VLSI Technology and Design	4
		Radar System Engineering/ Artificial Neural Networks/ Wireless Sensor Networks	3
		Motor Control and Applications/ Bio-medical Electronics and Instrumentation	3

		VLSI Lab	1
		Electronic System Design Laboratory	1
		Open Elective	3
		Cyber Law and IPR	3
		Honors/Minor (Specialization)-Ubiquitous Sensing, computing and communication	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Computer Engineering	VI	Modern Computer Networking	4
		Artificial Intelligence	4
		Speech & Natural Language Processing/ Data Mining & Data Warehousing	3
		Image Processing & Vision/ Cloud Computing & Applications	3
		Computer Networks Lab	1
		Artificial Intelligence Lab	1
		Open Elective	3
		Technical Writing & Professional Ethics	3
		Honors/Minor (Specialization)- Data Science and Analytics	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Civil Engineering	VII	Construction Engineering and Management	4
		Structural Repairs and Retrofitting/ Design of Prestressed Concrete Structures//Biological Processes for Contaminant Removal/Solid Dynamics and Machine Foundations/Advanced Steel Structures	3
		Advanced Materials testing Lab	1

		Open Elective	3
		Internship	3
		Project work-Phase I	3
		Honors/Minor (Specialization)- Quality and Safety Management in Construction	3

Branch	Semester	Nomenclature of the Course	No. of Credits
Mechanical Engineering	VII	CAD/CAM	4
		Refrigeration and Air-Conditioning/ Finite Element Method/ Six Sigma Management/ Additive Manufacturing	3
		CAD/CAM Laboratory	1
		Open Elective	3
		Internship	3
		Project work-Phase I	3
		Honors/Minor (Specialization)- Advanced CNC Technology	4

Branch	Semester	Nomenclature of the Course	No. of Credits
ETC Engineering	VII	Data Communication	4
		Robotics/Machine Learning/Wavelets and Multirate Signal Processing/ Consumer Electronics/Hardware Description Language	3
		Data Communication Lab	1
		Open Elective	3
		Internship	3
		Project work-Phase I	3

		Honors/Minor (Specialization)- Embedded Systems for IOT	4
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Branch	Semester	Nomenclature of the Course	No. of Credits
Computer Engineering	VII	Compiler Design	4
		Data Analytics/Embedded Systems and Design/Machine Learning/ Mobile Computing and Android Programming	3
		Compiler Design Lab	1
		Open Elective	3
		Internship	3
		Project work-Phase I	3
		Honors/Minor (Specialization)-Neural Networks and Deep Learning	4


Branch	Semester	Nomenclature of the Course	No. of Credits
Civil Engineering	VIII	Hydrology and Water Resources Engineering	3
		Architectural Engineering	3
		Elective - NPTEL / MOOC / SWAYAM	3
		Project Work - Phase II	9
		Honors/Minor (Specialization)-Infrastructure Planning and Management	5

Branch	Semester	Nomenclature of the Course	No. of Credits
Mechanical Engineering	VIII	Industrial Engineering and Operations Management	3
		Automobile Engineering/ Maintenance Engineering and Management	3
		Elective - NPTEL / MOOC / SWAYAM	3


		Project Work - Phase II	9
		Honors/Minor (Specialization)-Robotics and Artificial Intelligence	4

Branch	Semester	Nomenclature of the Course	No. of Credits
ETC Engineering	VIII	Advanced Communication Engineering	3
		Process Control Instrumentation/ Computer Networks	3
		Elective - NPTEL / MOOC / SWAYAM	3
		Project Work - Phase II	9
		Honors/Minor (Specialization)-IOT with Arduino, ESP and Raspberry Pi	4

Branch	Semester	Nomenclature of the Course	No. of Credits
Computer Engineering	VIII	Cryptography Techniques for Network Security	3
		Internet of Things/ Multimedia Systems & Applications/ Software Development Framework	3
		Elective - NPTEL / MOOC / SWAYAM	3
		Project Work - Phase II	9


 Ms. Avila Naik
 Officer In-Charge Examination
 Don Bosco College of Engineering




 Dr. Neena Panandikar
 Principal
 Don Bosco College of Engineering

