



# J.C. Bose University of Science & Technology, YMCA, Faridabad

(A Haryana State Government University)

(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22 to Confer Degrees)

Accredited 'A' Grade by NAAC



Date-Sheet for B.Tech. Courses, Theory Examinations Dec - 2020 (Final & Updated)

CHOICE BASED CREDIT SYSTEM , Centre of Exam:- As per Admit Cards / Cut-Lists				
Date	Syllabus Code	Subject (Full Nomenclature)	QPID	Branches / Courses
<b>B. Tech. 7th Semester {Page-1} Timings 2.00 to 3.00 (Evening Session)</b>				
23.12.2020	PCC-AE-401	Automotive Engg.		Automobile Engg.
	PEC-CEEL-401-1	Water Quality Engg.		Civil Engg. (Elective-V)
	PEC-CEEL-401-2	Surface Hydrology		Civil Engg. (Elective-V)
	PEC-CEEL-401-3	Environmental Fluid Mechanics		Civil Engg. (Elective-V)
	PEC-CEEL-401-4	Water Resource Filed methods		Civil Engg. (Elective-V)
	PEC-CSS-701-II	Real Time Systems		CSE & Comp. Engg (Elective-IV)
	PEC-CSS-701-I	Advance Operating System		IT, CSE (Elective-IV)
	PEC-CSD-701	Speech & Natural Language Processing		CSE (Elective-IV)
	ELPE-711	Power System Protection		EEE / Electrical Engg. (Elective-V)
	ELPE-712	HVDC Transmission System		Electrical Engg. (Elective-V)
	ELPE-713	Power Quality & FACTS		Electrical Engg. (Elective-V)
	ECEL-701	Antenna & Wave Propagation		ECE Engg. (Elective-V)
	ECEL-702	High Speed Electronics		ECE Engg. (Elective-V)
	ECEL-703	Wavelets		ECE Engg. (Elective-V)
	EIEL-706	AI and Expert System		EIC Engg. (Elective-VI)
	PCC-FA-401	Textile & Apparel Finishing		FAE
	PCC-ME-401	Automation in Manufacturing		Mech. Engg.
	CE-423	Software Project Management		IT / CE 2010 Scheme (Re-Appear)
	CE-401 C	Advanced Computer Architecture	201701	CE
	CE-401	Advanced Computer Architecture		CE 2010 Scheme (Re-Appear)
	IT-401 C	Optical Network Design	203703	I.T
24.12.2020	EIEL-708	Digital Image & Video Processing		EIC Engg. (Elective-VI)
	ELOE-120	Digital Image & Video Processing		Electrical Engg. (Elective)
25.12.2020	PCC-AE-403	Two and Three Wheels		Automobile Engg.
	OEC-IT-702-I	Advanced Operating System		IT (Elective)
	OEC-302 A	Environmental Conservation		Mech. Engg.
	OEC-301 A	Waste Management in Daily Life		Mech. Engg.
	PEC-CEEL-402-05	Concrete Materials		Civil Engg. (Elective-VI)
	PEC-CEEL-402-08	Structural Analysis		Civil Engg. (Elective-VI)
	PEC-CEEL-402-09	Design of Steel Structure		Civil Engg. (Elective-VI)
	PEC-CEEL-402-10	Concrete Technology		Civil Engg. (Elective-VI)
	PEC-CEEL-402-11	Bridge Engineering		Civil Engg. (Elective-VI)
	PCC-FA-402	Textile & Apparel Costing		FAE
	PEC-CSD-702-I	Data Analytics		CSE & Comp. Engg (Elective-V)
	PEC-CS-S-702	Ad-Hoc & Sensor Networks		CSE (Elective-V)
	PEC-CSD-702-II	Information Retrieval (Common with 5th Sem. IT)		CSE (Elective-V)
	PEC-CS-A-702	Web & Internet Technology		CSE (Elective-V)
	ELPE-714	High Voltage Engg.		EEE/Electrical Engg. (Elective-VI)
	ELPE-715	Advance Electrical Drives		Electrical Engg. (Elective-VI)
	ELPE-716	Control System Design		Electrical Engg. (Elective-VI)
	CE-403 C	Security of Information Systems	201702	CE
	CE-403	Security of Information Systems		CE 2010 Scheme (Re-Appear)
	IT-403 C	.Net Technology	203704	I.T
26.12.2020	ECEL-704	Fiber Optic Communication		ECE Engg. (Elective-VI)
	ELOE-118	Fiber Optic Communication		Electrical Engg. (Elective)

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<b>B. Tech. 7th Semester</b>		<b>{Page-2}</b>	<b>Timings 2.00 to 3.00 (Evening Session)</b>	
28.12.2020	PEC-ME-401	Tribology		Mech. Engg. (Elective-III)
	PEC-ME-403	Design & Optimization		Mech. Engg. (Elective-III)
	PEC-ME-405	Mechanical Vibrations		Mech. Engg. (Elective-III)
	PEC-ME-407	Product Design & Development		Mech. Engg. (Elective-III)
	PEC-ME-411	Tool Design		Mech. Engg. (Elective-III)
	ELOE-109	Manufacturing Processes		EL
	ELOE-113	Machatronic System		EL
	EEPE-722	Mobile Communication & Networks		EEE (Elective)
	PEC-CEEL-403-1	Soil Mechanics		Civil Engg. (Elective-VII)
	PEC-CEEL-403-2	Foundation Engineering		Civil Engg. (Elective-VII)
	PCC-FA-403	Quality Assurance on Apparel Industry		FAE
	PEC-CSA-703	Cryptography & Network Security		CSE & Comp. Engg (Elective-VI)
	PEC-CS-S-703	Internet of Things		IT & CSE (Elective-VI)
	PEC-CSD-703	Neural Network & Deep Learning		IT & CSE (Elective-VI)
	ECEL-707	Satellite Communication		ECE Engg. (Elective-VII)
	EIEL-704	Introduction to MEMS		EIC Engg. (Elective-V)
	CE-405 C	Software Testing	201703	CE / IT
29.12.2020	PEC-ME-425	Air Conditioning Equipment's		Mech. Engg. (Elective-IV)
	PEC-ME-429	Energy Conversion Management		Mech. Engg. (Elective-IV)
	PEC-ME-431	Maintenance Engg. & Management		Mech. Engg. (Elective-IV)
30.12.2020	PEC-AE-421	Alternative Fuel and Pollution Control		Automobile Engg. (Elective-IV)
	PEC-CEEL-404-1	Design of Concrete Structure		Civil Engg. (Elective-VIII)
	PEC-CEEL-404-2	Prestressed Concrete		Civil Engg. (Elective-VIII)
	OEC-CS-701-I	Financial Management		IT, CSE & CE (Open Elective-III)
	OEC-CS-701-II	E-Commerce & Entrepreneurship		IT, CSE (Open Elective-III)
	OEC-CS-701-III	R Programming		IT, CSE (Open Elective-III)
	OEC-CS-701-IV	Renewable Energy System		IT, CSE (Open Elective-III)
	PEC-FAEL-401-II	Apparel Merchandising		FAE (Elective-VII)
	OEL-703	Soft Computing (Common with 5th Semester)		ECE Engg. (Elective-III)
	OEL-704	Display Devices		ECE Engg. (Elective-III)
	OEC-ME-452	Economics		Mech. Engg. (Open Elective-III)
	CE-413 C	Big Data Analytics	201704	CE / IT
	CE-405	Object Oriented System Development		CE 2010 Scheme (Re-Appear)

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Date	Syllabus Code	Subject (Full Nomenclature)	QPID	Branches / Courses
<b>B. Tech. 7th Semester</b>		<b>{Page-3}</b>	<b>Timings 2.00 to 3.00 (Evening Session)</b>	
31.12.2020	ELOE-116	Cyber Law and Security (Common with 5th Sem. / BCA 5th)		Electrical Engg. (Open Elective-III)
	OE-708	Cyber Law and Security (Common with 5th Sem.)		EIC (Open Elective-IV)
	IT-301 C	Mobile Ad-hoc Networks (Common with 5th Sem. IT)	201705	CE
01.01.2021	OE-701	Computer Network (Common with 5th Sem.)		EIC Engg. (Open Elective-III)
	PEC-FAEL-402-I	Home & Industrial Textile Product		FAE (Elective-VIII)
	ELOE-121	Artificial Intelligence		Electrical Engg. (Open Elective-IV)
	ELOE-123	Machine Learning		Electrical Engg. (Open Elective-V)
	OEC-403-OEC-10	Total Quality Management		Civil Engg. (Elective)
	OEC-403-OEC-09	Industrial Engineering		Civil Engg. (Elective)
	PEC-AE-401	Flexible Manufacturing System		Automobile Engg. (Elective-III)
	PEC-ME-441	Flexible Manufacturing System		Mech. Engg. (Elective-V)
	PEC-ME-443	Total Quality Management		Mech. Engg. (Elective-V)
	PEC-ME-445	Project Management		Mech. Engg. (Elective-V)
	PEC-ME-449	Metallurgy		Mech. Engg. (Elective-V)
	PEC-ME-451	Machatronic Systems		Mech. Engg. (Elective-V)
	PEC-ME-459	Principals of Management		Mech. Engg. (Elective-V)
	CE-421	Software Testing		CE 2010 Scheme (Re-Appear)
02.01.2021	PEC-ME-421	Power Plant Engineering (Common)		Mech. Engg. (Elective-IV)
	PEC-ITD-702	Machine Learning		I.T (Elective-V)
	PEC-AE-443	Power Plant Engineering (Common)		Automobile Engg. (Elective-V)
	OEC-403-OEC-13	Power Plant Engineering (Common)		Civil Engg.
	OEC-403-OEC-17	Instrumentation & Control		Civil Engg.
	ELOE-106	Power Plant Engineering (Common with 5th Sem.)		EL/EEE
03.01.2021	PEC-ITI-703	Cloud Computing		I.T (Elective-V)
	OEC-CS-702-II	Cloud Computing		CSE (Open Elective-IV)
	OEL-710	Cloud Computing		ECE Engg. (Elective-IV)
04.01.2021	HSMC-01	Effective Technical Communication (Common with 3rd & 5th Sem.)		EIC (Humanities Elective)
	PEC-AE-431	Automobile Air Conditioning		Automobile Engg. (Open Elective)
	OEC-401-OEC-23	Marketing Management		Civil Engg. (Elective)
	PEC-ME-447	Marketing Management		Mech. Engg. (Elective-V)
	ELOE-101	Electronic Devices (Common with 5th Sem.)	307508	EL/EEE
	OEC-403/23	Marketing Management		FAE (Open Elective)

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Date	Syllabus Code	Subject (Full Nomenclature)	QPID	Branches / Courses
<b>B. Tech. 7th Semester {Page-4} Timings 2.00 to 3.00 (Evening Session)</b>				
05.01.2021	HSMC-03	Organizational Behaviors		EEE/Comp. Engg (Humanities Electi
	OEC-CS-702-I	Economic Policies in India		IT, CSE (Open Elective-IV)
	HSMC-03	Organizational Behaviors		Elect. Engg (Humanities Elective)
	PEC-AE-447	Operations Research		Automobile Engg. (Elective-V)
	OEL-707	Operations Research		ECE Engg. (Elective-IV)
	PCC-ME-403	Operation Research		Mech. Engg.
	OEL-708	Operating System (Common with 5th Sem.)		ECE Engg. (Elective-IV)
	OEL-709	Industrial Safety Engineering		ECE Engg. (Elective-IV)
	EIEL-709	Non Liner Control System		EIC Engg. (Elective-VII)
	Civil-OEC-26	Metro System & Engineering		Civil Engg. (Open Elective-II)
	CE-417 C	Network Programming and Administration (Common with 5th Sem.)	203705	I.T
	IT-307	Network Programming and Administration (Common with 5th Sem.)		CE/IT 2010 Scheme (Re-Appear)
07.01.2021	OEC-ME-442	Soft Skills for Engineers		Mech. Engg. (Open Elective-III)
	GB-601 C	Human Resources Management (Common with 7th Sem.)	201706	CE / IT
	OEL-701	Human Resources Management (Common with 7th Sem.)		ECE Engg. (Elective-III)
	OEC-ME-444	Human Resources Management (Common with 7th Sem.)		AE / Mech. Engg. (Open Elective)
	OEC-403-OEC-21	Human Resources Management (Common with 7th Sem.)		Civil (Open Elective-III)
08.01.2021	BSC-01	Biology (Common with 3rd & 5th Sem.)		CSE Engg (Humanities Elective)
	MC-03	Environment Science (Common with 3rd & 5th Semester)		IT (MC Course for IT 7th Sem)
09.01.2021	OEC-CS-702-IV	High Speed Network		IT / CSE & CE (Open Elective-IV)
	PEC-ITI-702	Wireless Communications & Ad-hoc Networks		I.T (Elective-IV)
	OEC-403-OEC-24	Entrepreneurship Development		Civil Engg. (Open Elective-III)
	CE-407	Distributed Operating System		CE 2010 Scheme (Re-Appear)
10.01.2021	HSMC-252	Civil Engg.-Social & Global Impact		Civil Engg.

**Note :-**

- 1) Before answering the question paper, the candidates should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the examination.
- 2) Any Electronic Device / Mobile phone / Printed material etc. not allowed in the examination Centre. at any cost, if any candidate found with any such material, candidate may be booked under unfair means case.
- 3) The use of simple scientific calculator is allowed (programmable not allowed). Exchanging of calculator is not allowed.
- 4) No Candidate will be allowed to enter the Examination Hall without Admit Card & Institution Identity Card.
- 5) All candidates are mandatory to maintain social distance and wearing of face-mask during examinations.
- 6) It is mandatory for all students to wear mask and observe social distancing.
- 7) Use of personal hand sanitizer is allowed during examinations.

Ref.No./COE/Conduct/Re-Appear Date-Sheet/Dec-2020/223

Dated:- .....

**Controller of Examination**

*Signature*  
04 NOV 2020