Grams: "TECHNOLOGY" Email: dapjntuk@gmail.com



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Directorate of Academic & Planning JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA KAKINADA-533003, Andhra Pradesh, INDIA (Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/ B.Tech&B.Pharm/III Year/2018-19

Date: 24-05-2018

Dr. Ch. Satyanarayana M.Tech, Ph.D.,

Director, Academic & Planning

To

The Principals of All Affiliated Colleges, JNTUK, Kakinada

ACADEMIC CALENDAR

for

B.TECH& B.PHARM III YEAR 2016 BATCH

Description	From	То	Weeks
Commencement of Class Work	11-06-2018		
I Unit of Instructions	11-06-2018	04-08-2018	8W
I Mid Examinations	06-08-2018	11-08-2018	1 W
II Unit of Instructions	13-08-2018	06-10-2018	8W
II Mid Examinations	08-10-2018	13-10-2018	1 W
Preparation & Practicals	15-10-2018	20-10-2018	1 W
End Examinations	22-10-2018	03-11-2018	2W
Commencement of Class Work	19-11-2018		
B.TECH & B.PHARM III YEAR	II Semester		
I Unit of Instructions	19-11-2018	12-01-2019	8W
I Mid Examinations	17-01-2019	23-01-2019	1 W
II Unit of Instructions	24-01-2019	23-03-2019	8W
II Mid Examinations	25-03-2019	30-03-2019	1 W
Preparation & Practicals	01-04-2019	06-04-2019	1 W
End Examinations	08-04-2019	20-04-2019	2W
Commence of IV Year Class Work	10-06-2019		

Director Academic and Planning

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Copy to the Secretary to the Hon'ble Vice Chancellor Copy to the Rector Copy to the Registrar Copy to the Director of Evaluation Copy to the Controller of Examination

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH - II SEMESTER (R16 REGULATION) I MID EXAMINATIONS – JAN/FEB, 2019

REVISED TIME TABLE						
			DAY AND D	ATE		
BRANCH	31-01-2019	01-02-2019	02-02-2019	04-02-2019	05 02 2010 (Treader)	
	(Thursday)	(Friday)	(Saturday)	(Monday)	05-02-2019 (Tuesday)	
					OPEN ELECTIVE:-	
					Electronic Instrumentation	
CIVIL	Design and Drawing of	Geotechnical	Environmental	Water Resources	Data Base Management Systems	
ENGINEERING	Steel Structures	Engineering – I	Engineering – I	Engineering-I	Alternative Energy Sources	
(01-CE)	(R1632011)	(R1632012)	(R1632013)	(R1632014)	Waste water Management	
					Fundamentals of Liquefied	
					Green Fuel Technologies	
	Power Electronic	Power System	Micro Processors and		OPEN ELECTIVE:-	
					Unix and Shell Programming	
ELECTRICAL AND					OOPS Through JAVA	
ELECTRONICS	Controllers & Drives	Analysis	Micro controllers	Data Structures	VLSI Design	
ENGINEERING	(R1632021)	(R1632022)	(R1632023)	(R1632024)	Robotics	
(02-EEE)	(111002021)	(111002022)			Neural Networks & Fuzzy Logic	
					Energy Audit and	
					Conservation&Management	
					OPEN ELECTIVE:-	
					Entrepreneurship	
MECHANICAL		Instrumentation &	Defricention & Air	Heat Transfer -	Data Base Management System	
ENGINEERING	Metrology (R1632031)	Control Systems	Refrigeration & Air- conditioning (R1632033)	(R1632034)	Waste Water Management	
(03-ME)		(R1632032)	(11002000)		Computer Graphics	
					Industrial Robotics	
					Green Engineering Systems	

					OPEN ELECTIVE:-
ELECTRONICS &	Micro Processors &				OOPs through Java
	Micro Controllers	Micro Wave	VLSI Design (R1632043)		Data Mining
COMMUNICATION ENGINEERING	(R1632041)	Engineering	(Common to EEE-	Digital Signal Processing	Industrial Robotics
(04-ECE)	(Common to ECE,	(R1632042)	elective, ECE, EIE, E.COM.E)	(R1632044)	Power Electronics
(** = •=)	EIE, E.COM.E)				Bio-Medical Engineering
					Artificial Neural Networks
COMPUTER SCIENE	Computer Networks	Data Warehousing		Software Testing	OPEN ELECTIVE:- Artificial Intelligence
& ENGINEERING (05-	(Common to CSE,	and Mining	Design and Analysis of	e e	Internet of Things Cyber Security
CSE)	IT)(R1632051)	(R1632052)	Algorithms (R1632053)	to CSE. IT) (RT32054)	Digital Signal Processing
					Embbeded Systems Robotics
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	OPEN ELECTIVE:- OOPs through Java Data Mining
INFORMATION TECHNOLOGY (12-IT)	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	OPEN ELECTIVE:- Artificial Intelligence Social Networks and Semantic Web Digital Signal Processing Embbeded Systems Robotics Operations Research

					OPEN ELECTIVE:-
ELECTRONICS AND	Micro Processors &				Data Mining
COMPUTER	Micro Controllers	OPERATING	VLSI Design (Common	DATA BASE	Industrial Robotics
ENGINEERING (19-ECC)	(R1632041) (Common to ECE,	SYSTEM (R1632192)	to ECE, EIE, E.COM.E) (R1632043)	MANAGEMENT SYSTEMS (R1632191)	Bio-Medical Engineering
	EIE, E.COM.E)				Artificial Neural Networks
					OPEN ELECTIVE:-
			Propulsion – II (R1632213)	Finite Element Method (R1632214)	Data Base Management System
AERONUTICAL	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)			Waste Water Management
ENGINEERIG					Entrepreneurship
(21-AE)					Satellite Technology
					Industrial Aerodynamics
					Theory of Elasticity
					OPEN ELECTIVE:-
					Electronic Instrumentation
AUTO MOBILE		Instrumentation &	Automotive Electrical	Alternative Energy	Data Base Management Systems
ENGINEERING	Machine Tools &	Control Systems	and Electronics	Sources for Automobiles	Computer Graphics
(24-AME)	Metrology (R1632241)	(R1632242)	(R1632243)	(R1632244)	Green Engineering Systems
		(111032242)	(11032243)		Offroad Vechiles
					Automotive Emissions and
					Pollution Control

					OPEN ELECTIVE:-
					Industrial Robotics
MINING	Mine Systems	Mineral Engineering		Mining Machinery &	Entrepreneurship
ENGINEERING	Engineering	and Fuel Technology	Mine Environmental Engineering (R1632263)	Mechanization – II	Quality and Reliability
(26-MM)	(R1632261)	(R1632262)	Engineering (K1032203)	(R1632264)	Waste Water Management
					Rock Excavation Engineering
					Mine Safety Engineering
					OPEN ELECTIVE:-
				Petroleum Refinery & Petrochemical Engineering (R1632274)	Electronic Instrumentation
PETROLEUM	Well Completions, Testing & Servicing - (R1632271)	Petroleum Production Engineering (R1632272)	Petroleum Reservoir Engineering-I (R1632273)		Big Data Analytics
ENGINEERING/PETR OLEUM					Alternative Energy Sources for Automobiles
TECHNOLOGY					Waste Water Management
(27-PE)					Fundamentals of Liquefied
					Natural Gas
					Computational Fluid Dynamics
					OPEN ELECTIVE:-
					Operations Research Digital Control systems
AGRICULTURAL	Irrigation and Drainage	Farm Machinery and	Design of Soil, Water		Robotics & Automation
ENGINEERING	Engineering	Equipment – I	Conservation and Farm	Dairy and Food	Industrial Pollution Control
(35-AGE)	(R1632351)	(R1632352)	Structures (R1632353)	Engineering (R1632354)	Engineering
					Finite Element Method
					Water Resources System Planning
					and Management

NOTE:

(i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.

(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

(iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED IN THE ABOVE LIST IMMEDIATELY.

N. Molian Roo **Controller of Examinations**

DATE: 22-01-2019

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA UNIVERSITY EXAMINATION CENTER, KAKINADA

III B TECH - II SEMESTER (R16 REGULATION) II MID EXAMINATIONS – MARCH, 2019

TIME TABLE **DAY AND DATE** 25-03-2019 26-03-2019 27-03-2019 28-03-2019 **BRANCH** 29-03-2019 (Friday) (Tuesday) (Wednesday) (Thursday) (Monday) **OPEN ELECTIVE:-**Electronic Instrumentation Data Base Management Systems CIVIL Design and Drawing of Geotechnical Environmental Water Resources Alternative Energy Sources ENGINEERING Steel Structures Engineering - I Engineering – I Engineering-I (R1632013) (01-CE) (R1632011) (R1632012) (R1632014) Waste water Management Fundamentals of Liquefied Green Fuel Technologies **OPEN ELECTIVE:-**Unix and Shell Programming **ELECTRICAL AND** OOPS Through JAVA Power System Micro Processors and Power Electronic ELECTRONICS Data Structures VLSI Design **Controllers & Drives** Analysis Micro controllers ENGINEERING **Robotics** (R1632024) (R1632021) (R1632022) (R1632023) Neural Networks & Fuzzy Logic (02-EEE)Energy Audit and Conservation&Management **OPEN ELECTIVE:-**Entrepreneurship Data Base Management System **MECHANICAL** Instrumentation & Refrigeration & Air-Heat Transfer -**Control Systems** ENGINEERING Metrology (R1632031) Waste Water Management conditioning (R1632033) (R1632034) (R1632032) (03-ME) Computer Graphics **Industrial Robotics** Green Engineering Systems

					OPEN ELECTIVE:-
	Micro Processors &				OOPs through Java
ELECTRONICS &	Micro Controllers	Micro Wave	VLSI Design (R1632043)		Data Mining
COMMUNICATION ENGINEERING	(R1632041)	Engineering	(Common to EEE-	Digital Signal Processing	Industrial Robotics
(04-ECE)	(Common to ECE,	(R1632042)	elective, ECE, EIE, E.COM.E)	(R1632044)	Power Electronics
(**=*=*)	EIE, E.COM.E)				Bio-Medical Engineering
					Artificial Neural Networks
COMPUTER SCIENE	Computer Networks	Data Warehousing and Mining		Software Testing	OPEN ELECTIVE:- Artificial Intelligence
& ENGINEERING (05-	(Common to CSE,	(Common to	Design and Analysis of	e e	Internet of Things Cyber Security
CSE)	IT)(R1632051)	CSE,IT)	Algorithms (R1632053)	to CSE. IT) (RT32054)	Digital Signal Processing
		(R1632052)			Embbeded Systems Robotics
ELECTRONICS AND INSTRUMENTATION ENGINEERING (10-EIE)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	OPEN ELECTIVE:- OOPs through Java Data Mining
INFORMATION TECHNOLOGY (12-IT)	Computer Networks (Common to CSE, IT)(R1632051)	Data Mining (R1632121)	Web Technologies (R1632122)	Software Testing Methodologies (Common to CSE. IT) (RT32054)	OPEN ELECTIVE:- Artificial Intelligence Social Networks and Semantic Web Digital Signal Processing Embbeded Systems Robotics Operations Research

ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	OPERATING SYSTEM (R1632192)	VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043)	DATA BASE MANAGEMENT SYSTEMS (R1632191)	OPEN ELECTIVE:-Data MiningIndustrial RoboticsBio-Medical EngineeringArtificial Neural Networks
AERONUTICAL ENGINEERIG (21-AE)	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	OPEN ELECTIVE:- Data Base Management System Waste Water Management Entrepreneurship Satellite Technology Industrial Aerodynamics Theory of Elasticity
AUTO MOBILE ENGINEERING (24-AME)	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	OPEN ELECTIVE:- Electronic Instrumentation Data Base Management Systems Computer Graphics Green Engineering Systems Offroad Vechiles Automotive Emissions and Pollution Control

					OPEN ELECTIVE:-
					Industrial Robotics
MINING	Mine Systems	Mineral Engineering		Mining Machinery &	Entrepreneurship
ENGINEERING	Engineering	and Fuel Technology	Mine Environmental Engineering (R1632263)	Mechanization – II	Quality and Reliability
(26-MM)	(R1632261)	(R1632262)	Engineering (K1052205)	(R1632264)	Waste Water Management
					Rock Excavation Engineering
					Mine Safety Engineering
					OPEN ELECTIVE:-
				Petroleum Refinery & Petrochemical Engineering (R1632274)	Electronic Instrumentation
PETROLEUM	Well Completions, Testing & Servicing -	Petroleum Production Engineering (R1632272)	Petroleum Reservoir Engineering-I (R1632273)		Big Data Analytics
ENGINEERING/PETR					Alternative Energy Sources for
OLEUM					Automobiles
TECHNOLOGY (27-PE)	(R1632271)				Waste Water Management
(27-1 E)					Fundamentals of Liquefied Natural Gas
					Computational Fluid Dynamics
					OPEN ELECTIVE:-
					Operations Research
					Digital Control systems
AGRICULTURAL	Irrigation and Drainage	•		Dairy and Food	Robotics & Automation
ENGINEERING	Engineering	Equipment – I	Conservation and Farm	Engineering (R1632354)	Industrial Pollution Control
(35-AGE)	(R1632351)	(R1632352)	Structures (R1632353)		Engineering Finite Element Method
					Water Resources System Planning
					and Management

NOTE:

(i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.

(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

(iii) THE PRINCIPALS ARE REQUESTED TO INFORM THE UNIVERSITY ANY OTHER SUBSTITUTE SUBJECTS THAT ARE NOT INCLUED IN THE ABOVE LIST IMMEDIATELY.

N. Molian Roo

Controller of Examinations

DATE: 06-03-2019



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA UNIVERSITY EXAMINATION CENTER KAKINADA

B.TECH END EXAMINATIONS

NOTIFICATION

Notification No. B.Tech/III-II/Regular/Supple/Feb-2019

III B.TECH II SEMESTER REGULAR EXAMINATIONS R16 REGULATIONS

(For 2016 Admitted Batches onwards and 2017 Lateral Entry Admitted Batches onwards)

III B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS

R13 REGULATIONS

(For 2013 Admitted Batches onwards and 2014 Lateral Entry Admitted Batches onwards)

R10 REGULATIONS

(For 2010 Admitted Batches onwards and 2011 Lateral Admitted Batches onwards)

FEBRUARY – 2019

CANDIDATES APPEARING FOR THE ABOVE EXAMINATIONS COMMENCING FROM **08-04-2019** ARE INFORMED THAT THE APPLICATIONS WILL BE RECEIVED AS PER THE TIME SCHEDULE GIVEN BELOW:

EXAM REGISTRATION	LAST DATE
Without Late Fee	12-03-2019
With Late Fee of Rs.100/-	14-03-2019
With Late fee of Rs.1000/-	16-03-2019

* (Application to be submitted at JNTUK Kakinada)

EXAMINATION FEE

[A] FOR WHOLE SEMESTER EXAMINATION (ALL SUBJECTS)	Rs. 770/-
[B] FOR ONE SUBJECT (THEORY/PRACTICAL)	Rs. 265/-
FOR TWO SUBJECTS (THEORY/PRACTICAL)	Rs. 390/-
FOR THREE SUBJECTS (THEORY/PRACTICAL)	Rs. 515/-
FOR FOUR AND ABOVE SUBJECTS (THEORY/PRACTICAL)	Rs. 770/-
Detailed Time Table for theory Examinations will notified in the	
J.N.T. University. Kakinada website.	
www.intuk.edu.in	

www.jntuk.edu.in

Note: (i) Principals are requested to verify the eligibility of the candidates for registration for examination in respect of malpractice/court cases/credits.

(ii) Hall Tickets are to be issued by the Principal only to the eligible candidates who fulfill the academic requirements of the University. <u>The Principals are</u> <u>requested to inform the students that mere payment of examination fee</u> <u>does not guarantee eligibility for appearing for examination.</u>

Cont....2

- 1. Applications should enclose the Xerox copies of latest marks memos containing details of **failed subjects** along with the applications.
- 2. APPLICATIONS CAN BE OBTAINED AT THE OFFICE OF THE RESPECTIVE PRINCIPAL'S OF THE RESPECTIVE COLLEGES AND DULY FILLED IN APPLICATIONS SHOULD BE HANDED OVER IN THE RESPECTIVE COLLEGE OFFICE WITH NECESSARY FEE.
- 3. The Principals are requested to submit the filled in applications to the Controller of Examinations J.N.T. University Kakinada as per schedule given below.

4. Laboratory/Project Examinations should be Conducted from 01-04-2019 to 06-04-2019.

- 5. Laboratory/Project Viva Voce Examinations award lists are to be sent to the **Controller of Examinations, J.N.T. University Kakinada,** so as to reach this office on or before 08-04-2019.
- 6. All the above Examinations will be conducted in jumbling system.
- The Payment of Total Examination Fee (Without Fine/Rs. 100 Fine/Rs. 1000 Fine) is to be made through Online Link provided in the portal from 19.03.2019 to 20.03.2019. After Payment a "Payment Form" will be generated which is to be printed.
- 8. The College has to Submit the printed Payment Form and filled in student application along with attendance Report **on 22.03.2019 and 23.03.2019** without fail as detailed below.

Applications are to be submitted on the following Dates:

- 1 East Godavari, West Godavari, Krishna and Visakhapatnam Districts on 22.03.2019 (Friday)
- 2 Vizianagaram, Srikakulam, Guntur and Prakasham Districts on 23.03.2019 (Saturday)

R. Srivivan-

DIRECTOR OF EVALUATION

DATE: 19-02-2019

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA UNIVERSITY EXAMINATION CENTER, KAKINADA III B TECH - II SEMESTER (R16 REGULATION) REGULAR EXAMINATIONS – APRIL/MAY, 2019

TIME TABLE

TIME: 10.00AM TO 1.00 PM

	DAY AND DATE				
BRANCH	15-04-2019	17-04-2019	25-04-2019	29-04-2019	07.05.2010 (T. I.)
	(Monday)	(Wednesday)	(Thursday)	(Monday)	07-05-2019 (Tuesday)
					OPEN ELECTIVE:-
					Electronic Instrumentation
CIVIL	Design and Drawing of	Geotechnical	Environmental	Water Resources	Data Base Management Systems
ENGINEERING	Steel Structures	Engineering – I	Engineering – I	Engineering-I	Alternative Energy Sources
(01-CE)	(R1632011)	(R1632012)	(R1632013)	(R1632014)	Waste water Management
					Fundamentals of Liquefied
					Green Fuel Technologies
ELECTRICAL AND ELECTRONICS ENGINEERING (02-EEE)	Power Electronic Controllers & Drives (R1632021)	Power System Analysis (R1632022)	Micro Processors and Micro controllers (R1632023)	Data Structures (R1632024)	OPEN ELECTIVE:-Unix and Shell ProgrammingOOPS Through JAVAVLSI DesignRoboticsNeural Networks &Fuzzy LogicEnergy Audit andConservation&Management
MECHANICAL ENGINEERING (03-ME)	Metrology (R1632031)	Instrumentation & Control Systems (R1632032)	Refrigeration & Air- conditioning (R1632033)	Heat Transfer - (R1632034)	OPEN ELECTIVE:-EntrepreneurshipData Base Management SystemWaste Water ManagementComputer GraphicsIndustrial RoboticsGreen Engineering Systems

					OPEN ELECTIVE:-
	Micro Processors &				OOPs through Java
ELECTRONICS &	Micro Controllers	Micro Wave	VLSI Design (R1632043)		Data Mining
COMMUNICATION ENGINEERING	(R1632041)	Engineering	(Common to EEE-	Digital Signal Processing	Industrial Robotics
engineeking (04-ECE)	(Common to ECE,	(R1632042)	elective, ECE, EIE, E.COM.E)	(R1632044)	Power Electronics
(01202)	EIE, E.COM.E)				Bio-Medical Engineering
					Artificial Neural Networks
		Data Warehousing			OPEN ELECTIVE:-
COMPUTER SCIENE	Computer Networks	and Mining		Software Testing	Artificial Intelligence Internet of Things
& ENGINEERING (05-	(Common to CSE,	(Common to	Design and Analysis of		
CSE)	IT)(R1632051)	CSE,IT)	Algorithms (R1632053)	to CSE. IT) (RT32054)	Digital Signal Processing
ý		(R1632052)			Embbeded Systems
					Robotics
				OPEN ELECTIVE:-	
ELECTRONICS AND	Micro Processors &	Measuring Instruments (R1632102)	VLSI Design (Common to EEE- elective, ECE, EIE, E.COM.E) (R1632043)	Analytical Instrumentation (R1632101)	OOPs through Java
INSTRUMENTATION	Micro Controllers (R1632041) (Common to ECE,				Data Mining
ENGINEERING					Fower Electronics
(10-EIE)					Bio-Medical Engineering
(10-EHE)	EIE, E.COM.E)				Artificial Neural Networks
					OPEN ELECTIVE:-
					Artificial Intelligence
INFORMATION				Coffman Testing	Social Networks and Semantic
INFORMATION	Computer Networks	Data Mining	Web Technologies	Software Testing	Web
TECHNOLOGY	(Common to CSE,	(R1632121)	(R1632122)	Methodologies (Common	Digital Signal Processing
(12-IT)	IT)(R1632051)			to CSE. IT) (RT32054)	Embbeded Systems
					Robotics
					Operations Research

ELECTRONICS AND COMPUTER ENGINEERING (19-ECC)	Micro Processors & Micro Controllers (R1632041) (Common to ECE, EIE, E.COM.E)	OPERATING SYSTEM (R1632192)	VLSI Design (Common to ECE, EIE, E.COM.E) (R1632043)	DATA BASE MANAGEMENT SYSTEMS (R1632191)	OPEN ELECTIVE:-Data MiningIndustrial RoboticsBio-Medical EngineeringArtificial Neural Networks
AERONUTICAL ENGINEERIG (21-AE)	Aircraft stability and control (R1632211)	Aircraft Structures –II (R1632212)	Propulsion – II (R1632213)	Finite Element Method (R1632214)	OPEN ELECTIVE:- Data Base Management System Waste Water Management Entrepreneurship Satellite Technology Industrial Aerodynamics Theory of Elasticity
AUTO MOBILE ENGINEERING (24-AME)	Machine Tools & Metrology (R1632241)	Instrumentation & Control Systems (R1632242)	Automotive Electrical and Electronics (R1632243)	Alternative Energy Sources for Automobiles (R1632244)	OPEN ELECTIVE:- Electronic Instrumentation Data Base Management Systems Computer Graphics Green Engineering Systems Offroad Vechiles Automotive Emissions and Pollution Control

MINING ENGINEERING (26-MM)	Mine Systems Engineering (R1632261)	Mineral Engineering and Fuel Technology (R1632262)	Mine Environmental Engineering (R1632263)	Mining Machinery & Mechanization – II (R1632264)	OPEN ELECTIVE:-
					Industrial Robotics
					Entrepreneurship
					Quality and Reliability
					Waste Water Management
					Rock Excavation Engineering
					Mine Safety Engineering
PETROLEUM ENGINEERING/PETR OLEUM TECHNOLOGY (27-PE) AGRICULTURAL ENGINEERING (35-AGE)	Well Completions, Testing & Servicing - (R1632271) Irrigation and Drainage Engineering (R1632351)	Petroleum Production Engineering (R1632272) Farm Machinery and Equipment – I (R1632352)	Conservation and Farm	Petroleum Refinery & Petrochemical Engineering (R1632274) Dairy and Food Engineering (R1632354)	OPEN ELECTIVE:-
					Electronic Instrumentation
					Big Data Analytics
					Alternative Energy Sources for Automobiles
					Waste Water Management
					Fundamentals of Liquefied
					Natural Gas Computational Fluid Dynamics
					OPEN ELECTIVE:-
					Operations Research
					Digital Control systems
					Robotics & Automation
					Industrial Pollution Control
					Engineering
					Finite Element Method
					Water Resources System Planning
					and Management

NOTE:

(i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS, IMMEDIATELY.

(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

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N. Holian kao Controller of Examinations

DATE: 18-03-2019