

राज्य प्रावैधिक शिक्षा पर्षद,
बिहार, पटना।

पत्रांक :- 2956

पटना/दिनांक :- 17/11/2021

प्रेषक,

डॉ० रमेश कुमार सिंह
परीक्षा नियंत्रक,
राज्य प्रावैधिक शिक्षा पर्षद,
बिहार, पटना।

सेवा में,

प्राचार्य,
सभी राजकीय पोलिटेकनिक/महिला पोलिटेकनिक /
निजी पोलिटेकनिक संस्थान।

विषय :-

दिनांक-27/01/2022 से प्रारंभ होने वाली Semester ~ II Diploma Exam 2021 (Even) (New Syllabus), Semester - I / II Diploma Exam 2021 (Odd) (Old Syllabus), Semester ~ III Diploma Exam 2021 (Odd) (Old / New Syllabus) Backlog, Semester ~ IV Diploma Exam 2021 (Even) (Old / New Syllabus), Semester ~ V Diploma Exam 2021 (Odd) (Old / New Syllabus), Semester ~ VI Diploma Exam. (Add.) 2021 (Even) (Old / New Syllabus) परीक्षा से संबंधित परीक्षा कार्यक्रम के संबंध में।

महाशय,

निदेशानुसार उपर्युक्त विषयक Semester ~ II Diploma Exam 2021 (Even) (New Syllabus), Semester - I / II Diploma Exam 2021 (Odd) (Old Syllabus), Semester ~ III Diploma Exam 2021 (Odd) (Old / New Syllabus) Backlog, Semester ~ IV Diploma Exam 2021 (Even) (Old / New Syllabus), Semester ~ V Diploma Exam 2021 (Odd) (Old / New Syllabus), Semester ~ VI Diploma Exam. (Add.) 2021 (Even) (Old / New Syllabus) का **सैद्धान्तिक / प्रायोगिक विषयों** के डिप्लोमा परीक्षाओं का परीक्षा कार्यक्रम तैयार कर पत्र के साथ संलग्न कर प्रेषित किया जा रहा है।

कृपया अपने स्तर से संस्थान के छात्र/छात्राओं को सूचित करने की कृपा की जाए।

अनुलग्नक :- परीक्षा कार्यक्रम (31) पृष्ठों में।

विश्वासभाजुन्,

(डॉ० रमेश कुमार सिंह),
परीक्षा नियंत्रक,

रा.प्रा. शिक्षा पर्षद, बिहार, पटना।

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STATE BOARD OF TECHNICAL EDUCATION, BIHAR

EXAMINATION PROGRAMME

- 1) Semester ~ II Diploma Exam 2021 (Even) (New Syllabus),
- 2) Semester ~ I / II Diploma Exam 2021 (Odd) (Old Syllabus),
- 3) Semester ~ III Diploma Exam 2021 (Odd) (Old / New Syllabus) (Backlog),
- 4) Semester ~ IV Diploma Exam 2021 (Even) (Old / New Syllabus),
- 5) Semester ~ V Diploma Exam 2021 (Odd) (Old / New Syllabus),
- 6) Semester ~ VI Diploma Exam (Add.) 2021 (Even) (Old / New Syllabus)

(To be held in **January ~ 2022**)

Sl. No	Date	I st Sitting ~ Theory Paper 9:30 A.M. to 12:30 P.M. / 1:30 P.M. Semester- II/ III / IV / V / VI (Old / New Syllabus)		II nd Sitting ~ Theory Paper 2:00 P.M. to 5:00 P.M. / 6:00 P.M. Semester- -II/ III / IV / V / VI (Old / New Syllabus)	
		Subject Code		Subject Code	
1.	27.01.2022	Sem- I /II (Gr.-I / II) (Old Syllabus) ~ 1	Basic Physics (1601101/1602201)	Sem- I /II (Gr.-I / II) (Old Syllabus) ~ 1	Communication Skills-II (1602101/1601201),
		Sem- II (Gr.-A) (New Syllabus) ~ 1	Mathematics-II (2002201)	Sem- II (Gr.-B) (New Syllabus) ~ 1	Mathematics-I (2001101)
2.	28.01.2022	Sem-VI (New Syllabus) ~ 1	1600601, 1637601	Sem-III (New Syllabus) ~ 1	1600301, 1615301, 1626301, 1637301, 1641301, 1642301
		Sem-III (Old Syllabus) ~ 1	00301, 32301, 37301	Sem-VI (Old Syllabus) ~ 1	00601, 11601, 37601

3.	29.01.2022	Sem-V (New Syllabus) ~ 1 & Sem-IV (Old Syllabus) ~ 1	1611501, 1613501, 1614501, 1615501, 1618501, 1620501, 1621501, 1625501, 1626501, 1627501, 1628501, 1633501, 1637501* , 1641501, 1642501 11401, 14401, 15401, 18401, 20401, 21401, 25401, 28401, 30401, 32401, 33401, 34401, 35401*, 37401, 40401	Sem-IV (New Syll.) ~ 1 & Sem-V (Old Syllabus) ~ 1	1611401, 1613401, 1614401*, 1615401, 1618401, 1620401, 1621401, 1625401, 1626401, 1627401, 1628401, 1637401, 1640401, 1641401, 1642401* 11501, 14501, 15501, 18501, 20501, 21501, 25501, 28501, 30501, 31501, 32501, 33501, 34501, 35501, 37501*
4.	31.01.2022	Sem- I/II (Gr.-I / II) (Old Syllabus) ~ 2 Sem- II (Gr.-A) (New Syllabus) ~ 2	Basic Chemistry (1601102 / 1602202) Applied Physics -II (2002202)	Sem- I/II (Gr.-I / II) (Old Syllabus) ~ 2 Sem- II (Gr.-B) (New Syllabus) ~ 2	Engg. Mathematics (1602102 / 1601202) Applied Physics - I (2001102)
5.	01.02.2022	Sem-VI (New Syllabus) ~ 2 Sem-III (Old Syllabus) ~ 2	1611602, 1613602, 1614602* , 1615602, 1618602, 1620602, 1621602, 1638602, 1640602, 1625602, 1626602, 1627602, 1628602, 1633602, 1637602, 1641602, 1642602 00302, 31302, 32302, 35302	Sem-III (New Syllabus) ~ 2 Sem-VI (Old Syllabus) ~ 2	1600302, 1614302, 1615302, 1620302, 1625302, 1637302, 1642302 11602, 14602, 15602, 18602, 20602, 21602, 25602, 28602, 30602, 32602, 34602, 35602, 37602, 38602
6.	02.02.2022	Sem-V (New Syllabus) ~ 2 & Sem-IV (Old Syllabus) ~ 2	1611502, 1613502, 1614502, 1615502, 1618502, 1620502, 1621502, 1625502, 1626502, 1627502, 1628502, 1633502, 1637502, 1640502, 1641502, 1642502 11402*, 14402, 15402*, 18402, 20402, 21402, 25402, 28402,	Sem-IV (New Syll.) ~ 2 & Sem-V (Old Syllabus) ~ 2	1611402*, 1613402, 1614402, 1615402, 1618402, 1620402, 1621402, 1625402, 1626402, 1627402, 1628402, 1633402, 1637402, 1638402, 1641402, 1642402 11502, 14502, 15502, 18502, 20502, 21502, 25502, 28502, 30502, 31502, 32502, 34502,

			30402, 32402, 34402, 35402, 37402, 38402		35502, 37502, 40502
7.	03.02.2022	Sem- I /II (Gr.-I / II) (Old Syllabus) ~ 3 Sem- II (Gr.-A) (New Syllabus) ~ 3	Basic Mathematics (1601103 / 1602203) Introduction to IT Systems (2002203)	Sem- I /II (Gr.-I / II) (Old Syllabus) ~ 3 Sem- II (Gr.-B) (New Syllabus) ~ 3	Applied Science (1602103 / 1601203) Applied Chemistry (2001103)
8.	04.02.2022	Sem-VI (New Syllabus) ~ 3 Sem-III (Old Syllabus) ~ 3	1611603, 1613603, 1614603, 1615603, 1618603, 1620603, 1621603, 1638603, 1640603, 1625603, 1626603, 1627603, 1628603, 1633603, 1637603, 1641603, 1642603 00303, 37303*	Sem-III (New Syllabus) ~ 3 Sem-IV (Old Syllabus) ~ 3	1611303, 1613303, 1614303, 1615303, 1618303, 1620303, 1621303, 1625303, 1626303, 1627303, 1628303, 1637303*, 1638303, 1640303, 1641303, 1642303 11603, 14603*, 15603, 18603, 20603, 21603, 25603, 28603, 30603, 31603, 32603, 34603, 35603, 37603, 38603, 40603

9.	07.02.2022	Sem-V (New Syllabus) ~ 3 & Sem-IV (Old Syllabus) ~ 3	1611503, 1613503, 1614503, 1615503* , 1618503, 1620503, 1621503, 1625503, 1626503, 1627503, 1628503, 1637503, 1640503, 1641503, 1642503 11403, 15403, 16403, 18403, 20403, 21403, 25403*, 28403, 30403, 31403, 32403, 33403*, 34403, 35403*, 37403	Sem-IV (New Syll.) ~ 3 & Sem-V (Old Syllabus) ~ 3	1611403, 1613403, 1614403, 1615403, 1618403, 1620403, 1621403, 1625403, 1626403, 1627403, 1628403, 1633403, 1637403, 1641403, 1642403* 11503, 14503, 15503, 18503, 20503, 21503, 25503, 28503, 30503, 31503, 32503, 34503, 35503, 37503, 40503
10.	08.02.2022	Sem- I/II (Gr.-I / II) (Old Syllabus) ~ 4 Sem- II (Gr.-A) (New Syllabus) ~ 4	Communication Skills-I (1601104 / 1602204) Fundamental of Electrical & Electronics Engg. (2002204)	Sem- I/II (Gr.-I / II) (Old Syllabus) ~ 4 Sem- II (Gr.-B) (New Syllabus) ~ 4	Engg. Mechanics (1602104 / 1601204) Communication Skills in English (2001104)
11.	09.02.2022	Sem-VI (New Syllabus) ~ 4 Sem-III (Old Syllabus) ~ 4	1611604, 1613604, 1614604, 1615604, 1618604, 1620604, 1621604, 1640604, 1625604, 1626604, 1627604, 1628604, 1633604, 1637604, 1641604, 1642604 11304, 14304, 15304, 16304, 18304, 20304, 21304* , 25304, 28304, 30304, 32304, 34304, 35304, 37304, 38304, 39304, 40304	Sem-III (New Syllabus) ~ 4 Sem-VI (Old Syllabus) ~ 4	1611304, 1613304, 1614304, 1615304* , 1618304, 1620304, 1621304* , 1625304, 1626304, 1627304, 1628304, 1637304, 1638304, 1640304, 1641304, 1642304 11604, 14604, 15604, 16604, 18604, 20604, 21604, 25604* , 28604, 30604, 31604, 32604, 33604* , 34604, 35604, 37604, 39604, 40604

		Practical	
Semester		Ist Sitting ~ Practical Paper 9:30 A.M to 12:30P.M / 1:30 P.M	IInd Sitting ~ Practical Paper 2:00 P.M to 5:00P.M / 6:00 P.M
16. 16.02.2022 to 19.02.2022 (04 Days)	Sem- II (Gr.-A) (New Syllabus) ~	2002206, 2002207, 2002208, 2002209,	
	Sem- II (Gr.-B) (New Syllabus) ~	2001106, 2001107, 2001108,	
	Semester-I/II (Sem-I Gr.-I / Sem-II Gr.-II) (Old Syllabus) ~	(1601107 / 1602207), (1601108 / 1602208), (1601109 / 1602209), (1601110 / 1602210[#])	
	Semester-I/II (Sem-I Gr.-II / Sem-II Gr.-I) (Old Syllabus) ~	(1602106 / 1601206), (1602107 / 1601207), (1602108 / 1601208)	
	Semester-III (New Syllabus) ~	<u>1600306, 1611307, 1613307, 1613308*, 1613309, 1614306, 1614307, 1614308,</u> 1615306*, 1615307*, <u>1618307, 1618308, 1620306, 1620307, 1620308, 1620309,</u> <u>1621307, 1621308[#], 1625306, 1625307, 1625308[#], 1626307, 1626308, 1627307,</u> <u>1627308, 1628307, 1628308, 1633307, 1637306, 1637307, 1638307, 1640307,</u> <u>1640308, 1641307, 1641308, 1642306, 1642307, 1642308</u>	
	Semester-III (Old Syllabus) ~	<u>00306, 00307, 18308, 20308[#], 21308, 28308, 28309, 30308[#], 30309, 31308, 32306,</u> <u>32308, 34308, 37307, 39308[#]</u>	
	Semester-IV (New Syllabus) ~	<u>1611406*, 1611407*, 1613406[#], 1613407*, 1613408, 1614406, 1614407,</u> <u>1614408, 1615406, 1615407, 1615408, 1615409, 1618406, 1618407, 1620406,</u> <u>1620407, 1620408, 1621406, 1625406, 1625407, 1625408*, 1626406, 1626407,</u> <u>1626408, 1627406, 1627407, 1627408, 1627409, 1628406, 1628407, 1628408,</u> <u>1637406*, 1637407[#], 1641406, 1641407, 1642406, 1642407*, 1642408</u>	
	Semester-IV (Old Syllabus) ~	<u>11406*, 11407*, 14406[#], 14407, 15406* , 15407*, 16407*, 18406, 18407,</u> <u>20406*, 20407*, 21406, 25406[#], 25407[#], 30407[#], 30408, 28406, 28407, 28408,</u> <u>31406, 32406, 32407, 34406, 34407, 34408, 34409, 35406[#], 35407, 35408,</u> <u>37406*, 37407[#]</u>	
	Semester-V (Old Syllabus) ~	<u>11506, 11507, 14506, 15506*, 15507, 16507*, 18506, 18507, 18508, 20506*, 20507*,</u> <u>21506*, 21507*, 25506[#], 28506, 28507, 28508, 30506*, 30507*, 31506, 32506, 33506[#],</u> <u>33507*, 34506, 35506, 35507, 37506*, 37507[#], 40507*</u>	

Semester-V (New Syllabus) ~	<u>1611506, 1611507, 1613506*, 1613507*, 1614506, 1614507, 1614508, 1614509,</u> <u>1615506, 1615507, 1615508, 1618506, 1618507, 1618508, 1620506, 1620507,</u> <u>1620508, 1620509, 1621506*, 1621507*, 1625506, 1625507#, 1626506, 1627506,</u> <u>1628506, 1628507, 1628508, 1633506, 1633507, 1637506*, 1637507#, 1640506*,</u> <u>1640507*, 1641506, 1641507, 1642506, 1642507, 1642508</u>
Semester-VI (Old Syllabus) ~	<u>11606#, 14606, 15606#, 15607, 16606, 18606, 20606, 20607*, 21606, 25606, 25607A*,</u> <u>25607B*, 28606, 28607, 30606*, 31606, 32606, 33606C*, 34606, 35606*, 35607*,</u> <u>37606*, 37607*, 38606, 39607*, 40606, 40607</u>
Semester-VI (New Syllabus) ~	<u>1611606, 1613606*, 1614607, 1614606, 1614608 A, 1614608 B, 1614608 C, 1614608</u> <u>D, 1615606, 1615607 A, 1615607 B, 1615607 C, 1615607 D, 1616607 A, 1616607 C,</u> <u>1618606, 1620606, 1620607, 1620608, 1620609 A, 1620609 B, 1620609 C, 1638606,</u> <u>1621606, 1625606, 1625607 A, 1625607 B, 1625607 C, 1625607 D, 1633606, 1633607,</u> <u>1626606, 1626607, 1627606, 1627607, 1628606, 1628607, 1637606*, 1637607*,</u> <u>1640606, 1640607, 1641606, 1641607, 1642606, 1642607</u>

* indicate ~ 4 hour

indicate ~ 6 hour

Controller of Examinations,
S.B.T.E., Bihar, Patna

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List of Subject Code / Subject for

A. IIIrd (Old Syllabus)

Sl. No.	Branch	Branch Code		Sub. Code	Subjects
1.	Common		1)	00301	Professional Mathematics
2.	Common		2)	00302	Engineering Mechanics
			3)	00303	Computer Programming Through 'C '
			4)	00306	Engineering Mechanics Lab.
			5)	00307	Computer Programming Through 'C '
3.	Agricultural Engg.	(11)	6)	11304	Refrigeration & Air-Conditioning
			7)	11305	Principles of Agricultural Production
4.	Chemical Engg.	(14)	8)	14304	Organic Chemistry
			9)	14305	Physical Chemistry
5.	Civil Engg.	(15)	10)	15304	Hydraulic & Fluid Mechanics
		(15/16)	11)	15305	Soil Mechanics
6.	Civil (Rural) Engg.	(16)	12)	16304	Non-conventional Energy
7.	C.S.E.	(18)	13)	18304	Computer Organisation & Architecture
			14)	18305	Operating System
			15)	18308	Computer Organisation & Architecture Lab.
8.	Electrical Engg.	(20)	16)	20304	Electrical component and material
			17)	20305	Semi-conductor Devices and circuit
			18)	20308 [#]	Electrical workshop practice
9.	Electronics Engg.	(21)	19)	21304*	Electronics Drawing & Drafting
			20)	21305	Electronics Measurement-I
			21)	21308	Electronic Measurement and Instrumentation
10.	Mechanical Engg.	(25)	22)	25305	Material Science and Technology
	Mechanical / Automobile Engg.	(25/33)	23)	25304	Energy Conversion-I
11.	Textile Engg.	(28)	24)	28304	Yarn Manufacture-I
			25)	28305	Textile Testing
			26)	28308	Yarn Manufacture Lab. – I
			27)	28309	Textile Testing Lab.– I
12.	Chemical (Ceramics Engg.)	(30)	28)	30304	Glass Technology – I

			29)	30305	Enamel Technology – I
			30)	30308 [#]	Workshop Practice – I (Glass & enamel)
			31)	30309	Ceramic Engineering Lab-I
13.	MT (Library Science)	(31)	32)	31302	Fundamental of Lib. Classification & Cataloguing System
			33)	31305	Library house keeping operation
			34)	31308	Library Classification and Cataloguing
14.	MT (M.O.P.)	(32)	35)	32301	Language and Communication Skill-II (English+Hindi)
			36)	32302	Managerial Economics
			37)	32304	Management Information System
			38)	32305	Financial Management
			39)	32306	Language and Communication Skill-II (English+Hindi)
			40)	32308	Typing (English+Hindi)
15.	Mech. (Automobile Engg.)	(33)	41)	33305	Automobile Engineering- I
16.	Mech. Engg. (Printing Technology)	(34)	42)	34304	Printer's Science
			43)	34305	Press Work
			44)	34308	Printer's Science Lab-I
17.	Text. Tech. (C.D.G.M.)	(35)	45)	35302	Sale & Marketing
			46)	35304	Garment Making tools, Machines & Repairing
			47)	35305	History of Dress Art
18.	Architectural Assistantship	(37)	48)	37301	Perspective & Sciography
			49)	37303*	Architectural Design & Drawing-I
			50)	37304	Computer Application in Architecture
			51)	37305	Climatology
			52)	37307	Computer Application in Architecture Lab.
19.	Electronics & Communication Engg.	(38)	53)	38304	Basic Electronic Engineering
20.	Electrical & Electronics Engg.	(39)	54)	39304	Electrical & Electronics Component and Material
			55)	39308 [#]	Electrical & Electronics Workshop Practice
21.	Instrumentation & Control Engg.	(40)	56)	40304	Basic Electronics Engg.
			57)	40305	Digital Circuits

B. IIIrd (New Syllabus)

Sl. No.	Branch	Branch Code		Subject Code	Subjects
1.	Civil Engg. / Civil (Rural) Engg. / Mech. / Auto. / Mech. (Auto.)		1)	1615301	Applied Mathematics-II
2.	E, Chem, Text., Ag., C.S.E., Ec., Cera., Print., Ec. & Comm., Inst. & Cont.		2)	1600301	Applied Mathematics-I
3.	Common		3)	1600302	Computer Programming Through 'C'
			4)	1600306	Computer Programming Through 'C' Lab
4.	Agricultural Engg.	(11)	5)	1611303	Surveying and Levelling
			6)	1611304	Refrigeration & Air-Conditioning
			7)	1611305	Principles of Agricultural Production
			8)	1611307	Surveying and Levelling Lab
5.	Ceramic Engg.	(13)	9)	1613303	Ceramic and raw Materials
			10)	1613304	Glass Technology – I
			11)	1613305	Enamel Technology
			12)	1613307	Ceramic Processes Workshop-I
			13)	1613308*	Ceramic Engineering Workshop Practice – I (Glass & enamel)
			14)	1613309	Ceramic Engineering Lab-I
6.	Chemical Engg.	(14)	15)	1614302	Technology of Inorganic Chemicals
			16)	1614303	Industrial Chemistry
			17)	1614304	Mechanical Operation
			18)	1614305	Stoichiometry
			19)	1614306	Technology of Inorganic Chemicals Lab
			20)	1614307	Industrial Chemistry Lab
			21)	1614308	Mechanical Operation Lab
7.	Civil Engg. / Civil (Rural) Engg.	(15)	22)	1615302	Surveying
			23)	1615303	Building Construction
			24)	1615304*	Building Drawing
			25)	1615305	Concrete Technology
			26)	1615306*	Surveying Lab
			27)	1615307*	Building Construction Lab
8.	C.S.E.	(18)	28)	1618303	Introduction to Software Package
			29)	1618304	Computer Organization & Architecture
			30)	1618305	Operating System
			31)	1618307	Introduction to Software Package Lab.
			32)	1618308	Computer Organization & Architecture Lab.
9.	Electrical Engg. / Electrical &	(20)	33)	1620302	Electrical Circuits and Network

	Electronic Engineering		34)	1620303	Electrical Measurements
			35)	1620304	Electrical Power Generation
			36)	1620305	Basic Electronics
			37)	1620306	Electrical Circuits and Network Lab
			38)	1620307	Electrical Measurements Lab
			39)	1620308	Basic Electronics Lab
			40)	1620309	Electrical Workshop Practice
10.	Electronics Engg.	(21)	41)	1621303	Analog Electronics
			42)	1621304*	Electronics Drawing & Drafting
	Electronics Engg. / Electronics & Communication Engineering	(21/38)	43)	1621305	Electronics Measurement-I
	Electronics Engg.	(21)	44)	1621307	Analog Electronics Lab.
	Electronics Engg. / Electronics & Communication Engineering	(21/38)	45)	1621308 [#]	Electronic Measurement and Instrumentation Lab.
11.	Mechanical Engg. / Automobile Engineering / Mech. Engg. (Auto)	(25/33)	46)	1625302	Mechanical Engineering Drawing
			47)	1625303	Mechanics of Solids
			48)	1625304	Mechanical Engineering Materials
	Mechanical Engg.	(25)	49)	1625305	Electrical Engineering
	Mechanical Engg. / Automobile Engineering / Mech. Engg. (Auto)	(25/33)	50)	1625306	Mechanics of Solids Lab
	Mechanical Engg.	(25)	51)	1625307	Electrical Engineering Lab
	Mechanical Engg. / Automobile Engineering / Mech. Engg. (Auto)	(25/33)	52)	1625308	Manufacturing Technology Lab
12.	Modern Office Practice	(26)	53)	1626301	Language and Communication Skill-II (English+Hindi)
			54)	1626303	Managerial Economics
			55)	1626304	Management Information System
			56)	1626305	E-Typing-I
			57)	1626307	Language and Communication Skill Lab -II (English+ Hindi)
			58)	1626308	E-Typing Lab - I
13.	Printing Technology	(27)	59)	1627303	Basics of printing Technology
			60)	1627304	Printer's Science
			61)	1627305	Press Work
			62)	1627307	Basics of Printing Technology-Lab
			63)	1627308	Printer's Science Lab-I
14.	Textile Engg.	(28)	64)	1628303	Textile Fibres
			65)	1628304	Yarn Manufacture-I
			66)	1628305	Fabric Manufacture-I
			67)	1628307	Yarn Manufacture Lab. – I
			68)	1628308	Fabric Manufacture Lab. – I
15.	Automobile Engineering / Mech. Engg. (Auto)	(33)	69)	1633305	Automobile Transmission Systems
			70)	1633307	Automobile Transmission Systems Lab

16.	Architectural Assistantship	(37)	71)	1637301	Perspective & Sciography
			72)	1637302	Building Materials
			73)	1637303*	Architectural Design & Drawing-I
			74)	1637304	Computer Application in Architecture
			75)	1637305	Climatology
			76)	1637306	Free Hand sketching
			77)	1637307	Computer Application in Architecture Lab.
17.	Electronics & Communication Engineering	(38)	78)	1638303	Analog Electronics Circuit
			79)	1638304	Basic Electronic Engineering
			80)	1638307	Analog Electronics Circuit Lab.
18.	Instrumentation and Control Engg.	(40)	81)	1640303	Instrumentation and Process Control
			82)	1640304	Basic Electronics Engg.
			83)	1640305	Digital Circuits
			84)	1640307	Electrical Measurement Lab.
			85)	1640308	Electrical & Electronics Workshop Practice
19.	Library & Information Science	(41)	86)	1641301	Foundation of Library and Information Science
			87)	1641303	Knowledge Organisation Library Classification & Cataloguing
			88)	1641304	Management Information System in Libraries
			89)	1641305	Library House Keeping Operation
			90)	1641307	Knowledge Organisation Classification Lab.
			91)	1641308	Knowledge Organisation Cataloguing Lab.
20.	Costume Design & Garment Technology	(42)	92)	1642301	Basics of Costume Design & Garment Making
			93)	1642302	Software skills
			94)	1642303	Textile Science
			95)	1642304	Visualization and Representation
			96)	1642305	Clothing Construction
			97)	1642306	Software Skills Lab.
			98)	1642307	Visualization and Representation Lab.
			99)	1642308	Clothing Construction Lab.-I

C. Semester ~ IV (Old Syllabus)

Sl. No.	Branch	Sl. No.	Sub. Code	Subject
1	Agricultural Engg.	1)	11401	Soil Science & Soil Mechanics
		2)	11402*	Machine Drawing
		3)	11403	Hydraulics & Fluid Mechanics
		4)	11404	Farm Power & tractor
		5)	11405	Workshop Technology
		6)	11406*	Farm Power & Tractor Lab.
		7)	11407*	Workshop Technology Lab.
2	Chemical Engg.	8)	14401	Fuel & Combustion
		9)	14402	Chemical Technology-I
		10)	14404	Industrial Chemical Calculation
		11)	14405	Chemical Engineering Thermodynamics
		12)	14406 [#]	Workshop Practice
		13)	14407	Pollution Control & Waste Disposal Lab.
3	Civil Engg.	14)	15401	Surveying - II
		15)	15402*	Quantity Surveying & Costing -I
		16)	15403	Construction Technology -I
		17)	15404*	Civil Engineering Drawing & Drafting
		18)	15405	Engineering Economics & Accounts
		19)	15406*	Field Survey
		20)	15407*	Construction Practice -I
4	Civil (Rural) Engg.	21)	16403	Cost Effective Rural Housing Construction Technology
		22)	16405	Anthropology & Rural Sociology
		23)	16407*	Rural Construction Practice Lab.
5	C.S.E.	24)	18401	Data Structure Using 'C'
		25)	18402	Digital Electronics & Microprocessor
		26)	18403	Data Base Management System
		27)	18404	Introduction to Software Package
		28)	18405	System Analysis and Management Information System
		29)	18406	Data Base Management System Lab.
		30)	18407	Introduction to Software Package Lab.
6	Electrical Engg.	31)	20401	Power System -I
		32)	20402	Electrical Machine - I
		33)	20403	Microprocessor & its application
		34)	20404*	Electrical Engg. Drawing
		35)	20405*	Electrical Estimating and Costing
		36)	20406*	Electrical Engineering Lab.
		37)	20407*	Electronics & Microprocessor Lab.
7	Electronics Engg.	38)	21401	Digital Electronics -I
		39)	21402	Electronics Components and Materials
		40)	21403	Advance Electronics Devices and Circuits
		41)	21404	Network and Lines
		42)	21405	Basic Comm. Techniques & Sound Engineering
		43)	21406	Electronic Construction and repair Lab.

8.	Mechanical Engg.	44)	25401	Metrology & Quality Control
		45)	25402	Manufacturing Technology-I
		46)	25403*	Machine Drawing
		47)	25404	Theory of Machines
		48)	25405	Hydraulics and Fluid Mechanics
		49)	25406 [#]	Workshop Practice
		50)	25407 [#]	Hydraulics and Fluid Mechanics Lab.
9	Mech. (Automobile Engg.)	51)	33401	Automobile Engineering-II
		52)	33403	Machine Drawing
10	Textile Engg.	53)	28401	Textile Fibres
		54)	28402	Yarn Preparation & Weaving Calculation-I
		55)	28403	Fabric Manufacture-I
		56)	28404	Fabric Structure & Design-I
		57)	28405	Textile Chemistry-I
		58)	28406	Fabric Manufacture Lab.-I
		59)	28407	Textile Chemistry-Lab.- I
		60)	28408	Cloth Analysis & Designing Practice-I
11	Chemical (Ceramics Engg.)	61)	30401	Geology for Ceramic Engineering
		62)	30402	Chemistry for Ceramic Engineering
		63)	30403	Chemical Engineering
		64)	30404	Pottery & Porcelain Technology-I
		65)	30405	Refractory Technology-I
		66)	30407 [#]	Workshop Practice-II (Pottery & Refractory)
		67)	30408	Geology
12	MT (L.S.)	68)	31403	Reference and Information System
		69)	31404	Library Administration and Management
		70)	31405	Library Automation and Networking
		71)	31406	Library Automation and Networking Lab.
13	MT (M.O.P.)	72)	32401	Human Resource Management
	MT (M.O.P.) / MT (L.S.)	73)	32402	Principle of Management
	MT (M.O.P.)	74)	32403	Secretarial Practice
		75)	32404	Management Accountancy
		76)	32405	Money And Banking
		77)	32406	Shorthand (English + Hindi)
		78)	32407	Stenography (English + Hindi)
14	Mech. Engg. (Printing Technology)	79)	34401	Letter Assembly-I
		80)	34402	Binding & Finishing – I
		81)	34403*	Printing Process-I
		82)	34404*	Printer's Design
		83)	34405	Reproduction & Photography-I
		84)	34406	Printer's Process Lab.-I
		85)	34407	Printer's Design Lab.
		86)	34408	Letter Assembly Lab. – I
		87)	34409	Binding & Finishing Lab. – I

15	Text. Tech. (C.D.G.M.)	88)	35401*	Garment Design & Construction Practice
		89)	35402	Textile Science
		90)	35403*	Fashion Designing
		91)	35404	Pattern Making & Co-ordination
		92)	35405	Drawing & Design
		93)	35406 [#]	Garment Design & Construction Practice
		94)	35407	Fashion Designing
		95)	35408	Textile Science
16	Architectural Assistantship	96)	37401	Building Construction
		97)	37402	History of Architecture
		98)	37403	Ecology & Environment
		99)	37404	Building Services & Air Conditioning
		100)	37405	Interior Design & Rendering
		101)	37406*	Construction Practice-I
		102)	37407 [#]	Model Making Lab.
17	Electronics & Communication Engg.	103)	38402	Communication Components & Materials
18	Electrical & Electronics Engg.	104)	39404*	Electrical & Electronics Engg. Drawing
19	Instrumentation And Control Engg.	105)	40401	Electrical Machine & Control
		106)	40405	Instrumentation & Process Control

D. Semester ~ IV (New Syllabus)

Sl. No.	Branch	Branch Code	Sl. No.	Sub. Code	Subject
1.	Agricultural Engg.	(11)	1)	1611401	Soil Science & Soil Mechanics
			2)	1611402*	Machine Drawing
			3)	1611403	Hydraulics & Fluid Mechanics
			4)	1611404	Farm Power & tractor
			5)	1611405	Workshop Technology
			6)	1611406*	Farm Power & Tractor Lab
			7)	1611407*	Workshop Technology Practical
2.	Ceramic Engg.	(13)	8)	1613401	Geology
			9)	1613402	Chemistry for Ceramic Engineering
			10)	1613403	Chemical Engineering
			11)	1613404	Pottery & Porcelain Technology-I
			12)	1613405	Refractory Technology-I
			13)	1613406 [#]	Ceramic Processes Workshop-II
			14)	1613407*	Ceramic Engineering Workshop Practice-II (Pottery & Refractory)
			15)	1613408	Geology Lab.
3.	Chemical Engg.	(14)	16)	1614401	Technology of Organic Chemicals
			17)	1614402	Fluid Flow Operation
			18)	1614403	Plant Utilities
			19)	1614404	Mechanical Technology
			20)	1614405	Electrical Engineering & Electronics

			21)	1614406	Technology of Organic Chemicals Lab
			22)	1614407	Fluid Flow Operation Lab
			23)	1614408	Electrical Engineering & Electronics Lab
4.	Civil Engg. / Civil (Rural) Engg.	(15)	24)	1615401	Advance Surveying
			25)	1615402	Mechanics of Structures
			26)	1615403	Geo Technical Engineering
			27)	1615404	Transportation Engineering
			28)	1615405	Hydraulics
			29)	1615406	Advance Surveying Lab
			30)	1615407	Mechanics of Structures Lab
			31)	1615408	Geo Technical Engineering Lab
			32)	1615409	Hydraulics Lab
5.	Computer Science & Engg.	(18)	33)	1618401	Data Structure Using 'C'
			34)	1618402	Digital Electronics & Microprocessor
			35)	1618403	Data Base Management System
			36)	1618404	Object Oriented Programming through C++
			37)	1618405	System Analysis and Management Information System
			38)	1618406	Data Base Management System Lab
			39)	1618407	Object Oriented Programming through C++ Lab.
6.	Electrical Engg. / Electrical & Electronics Engineering	(20)	40)	1620401	Transmission & Distribution of Electric Power
			41)	1620402	D.C. Machines & Transformers
			42)	1620403	Network Theory
			43)	1620404	Electrical Estimation & Costing
			44)	1620405	Applied Electronics
			45)	1620406	D.C. Machines & Transformers Lab
			46)	1620407	Electronic Construction and Repair Lab
			47)	1620408	Applied Electronics Lab
7.	Electronics Engg.(21) / Electronics & Communication Engineering (38)	(21 / 38)	48)	1621401	Digital Electronics- I
	Electronics Engg.(21) / Electronics & Communication Engineering (38)		49)	1621405	Basic Comm. Techniques & Sound Engineering
	Electronics Engg. (21) / Instrumentation and Control Engg. (40)	(21 / 40)	50)	1621402	Electronics Components and Materials
	Electronics Engg. (21) / Electronics & Communication Engineering (38) / Instrumentation and Control Engg. (40)	(21 / 38 / 40)	51)	1621403	Advance Electronic Devices and Circuits
			52)	1621404	Network and Lines
			53)	1621406	Electronic Construction and Repair Lab.
8.	Electronics & Communication Engineering (38)	(38)	54)	1638402	Communication Components and Materials
9.	Instrumentation and Control Engg. (40)	(40)	55)	1640401	Electrical Machine & Control
			56)	1640405	Industrial & Automation
10.	Mechanical Engg. (25)	(25)	57)	1625402	Fundamentals of Electronics
	Mechanical Engg. (25)		58)	1625403	Production Processes
	Mechanical Engg. (25) / Automobile Engineering / Mech. Engg. (Auto) (33)	(25 / 33)	59)	1625401	Theory of Machines & Mechanisms
			60)	1625404	Thermal Engineering

			61)	1625405	Fluid Mechanics and Machinery
			62)	1625406	Thermal Engineering Lab
			63)	1625407	Fluid Mechanics and Machinery Lab
			64)	1625408*	Production Process Lab
11.	Automobile Engineering / Mech. Engg. (Auto) (33)	(33)	65)	1633402	Automobile Engines
			66)	1633403	Automobile Systems
12.	Modern Office Practice	26	67)	1626401	Principle of Management & Human Resource Management
			68)	1626402	Management Accountancy
			69)	1626403	Secretarial Practice
			70)	1626404	E-Typing-II (English + Hindi)
			71)	1626405	Money and Banking
			72)	1626406	E-Typing Lab-II (English +Hindi)
			73)	1626407	Shorthand Lab-I (English +Hindi)
			74)	1626408	Stenography Lab-I (English +Hindi)
13.	Printing Technology	(27)	75)	1627401	Letter Assembly-I
			76)	1627402	Binding & Finishing – I
			77)	1627403	Printing Process-I
			78)	1627404	Printer's Design
			79)	1627405	Reproduction & Photography-I
			80)	1627406	Printer's Process Lab-I
			81)	1627407	Printer's Design Lab.
			82)	1627408	Letter Assembly Lab. – I
			83)	1627409	Binding & Finishing Lab. – I
14.	Textile Engg.	(28)	84)	1628401	Yarn Preparation & Weaving Calculation
			85)	1628402	Textile Testing
			86)	1628403	Textile Chemistry-I
			87)	1628404	Fabric Structure & Design-I
			88)	1628405	Man Made Fiber Technology
			89)	1628406	Textile Testing Lab.-I
			90)	1628407	Textile Chemistry Lab I
			91)	1628408	Cloth Analysis & Designing Practice-I
15.	Architectural Assistantship	(37)	92)	1637401	Building Construction-I
			93)	1637402	History of Architecture
			94)	1637403	Ecology & Environment
			95)	1637404	Building Services & Air Conditioning
			96)	1637405	Interior Design & Rendering
			97)	1637406*	Construction Practice Lab -I
			98)	1637407 [#]	Model Making Lab-I
16.	Library & Information Science	(41)	99)	1641401	Library Personal Management
			100)	1641402	Book and Information Selection
			101)	1641403	Reference and Information Sources
			102)	1641404	Library Administration and Management
			103)	1641405	Library Automation and Networking

			104)	1641406	Book and Information Selection Lab
			105)	1641407	Library Automation and Networking Lab
17.	Costume Design & Garment Technology	(42)	106)	1642401*	Pattern Making
			107)	1642402	Fashion Sketching
			108)	1642403*	Draping
			109)	1642404	Elements of Fashion and Design
			110)	1642405	Indian Textiles & Surface Embellishment
			111)	1642406	Pattern Making and Draping Lab.
			112)	1642407*	Clothing Construction Lab.-II
			113)	1642408	Indian Textiles & Surface Embellishment Lab

E. Vth (Old Syllabus)

Sl. No.	Branch	Branch Code	Sl. No.	Subject Code	Subject Name
1.	Agricultural Engg.	(11)	1)	11501	Farm Structure & Estimation
			2)	11502	Irrigation & Drainage Engineering
			3)	11503	Farm & Land Development machinery
			4)	11504*	Farm Structural Drawing
			5)	11505	Soil & Water Conservation Engg.
			6)	11506	Irrigation & Drainage Engineering
			7)	11507	Farm & Land Development machinery
2.	Chemical Engg.	(14)	8)	14501	Chemical Reaction Engineering
			9)	14502	Unit Operation
			10)	14503	Mechanical Operation
			11)	14504	Chemical Technology – II
			12)	14505	Operation and Maintenance of Chemical Engineering Equipments
			13)	14506	Chemical Technology – II
3.	Civil / Rural Engg.	(15 / 16)	14)	15501	Transportation Engineering
		(15 / 16)	15)	15502	Computer Aided Design & Drafting
		(15 / 16)	16)	15503	Mechanics of Structure
	Civil Engg.	(15)	17)	15504	Hydrology & Irrigation Engineering
		(15)	18)	15505*	Quantity Surveying & Costing-II
	Civil / Rural Engg.	(15)	19)	15506*	Computer Application Lab. (CADD)
	Civil Engg.	(15)	20)	15507	Civil Engineering Lab.
4.	Civil (Rural) Engg.	(16)	21)	16504	Hydraulics & Irrigation Engineering
		(16)	22)	16505	Community Development & Appropriate Technology
		(16)	23)	16507*	Hydraulics Lab.
5.	C.S.E.	(18)	24)	18501	System Maintenance
			25)	18502	Data Communication & Networking
			26)	18503	Internet & Web Technology
			27)	18504	Software Engineering

			28)	18505	Object Oriented Programming through C++
			29)	18506	Data Communication & Network Lab.
			30)	18507	Internet & Web Technology Lab.
			31)	18508	System Maintenance Lab (18508)
6.	Electrical Engg. / E.E.E.	(20 / 39)	32)	20501	Installation Commissioning & Maintenance
	Electrical Engg. / E.E.E.	(20 / 39)	33)	20502	Control System
	Electrical Engg. / E.E.E.	(20 / 39)	34)	20503	Electrical Machine – II
	Electrical Engg.	(20)	35)	20504	Utilization of Electrical Energy
	Electrical Engg. / E.E.E. / I.C.E.	(20/39/40)	36)	20505	Power Electronics
	Electrical Engg. / E.E.E. / I.C.E.	(20/39/40)	37)	20506*	Control System Lab.
	Electrical Engg. / E.E.E.	(20 / 39)	38)	20507*	Electrical Machine Lab.
7.	Electronics Engg. / Ec. & Comm. Engg. / I.C.E.	(21/38/40)	39)	21501	Microprocessor & Applications
	Electronics Engg. / Ec. & Comm. Engg.	(21 / 38)	40)	21502	Electronics Measurement – II
			41)	21503	Radio & Telecommunication System
			42)	21504	Power Electronics
	Electronics Engg.	(21)	43)	21505	T.V. Engineering
	Electronics Engg. / Ec. & Comm. Engg.	(21 / 38)	44)	21506*	Radio & T.V. Engineering Lab.
			45)	21507*	Digital Electronics & M.P. Lab.
8.	Mechanical Engg.	(25)	46)	25501	Production & Costing
		(25 / 33)	47)	25502	Energy Conversion-II
			48)	25503	Mechanics of Structure
		(25)	49)	25504	Installation & Maintenance
			50)	25505	Automobile Engineering
			51)	25506 [#]	Workshop Practice
9.		Textile Engg.	(28)	52)	28501
	53)			28502	Yarn preparation & Weaving Calculation- II
	54)			28503	Fabric Manufacture – II
	55)			28504	Fabric Structure and Design - II
	56)			28505	Man Made Fibre Technology
	57)			28506	Yarn manufacture Lab. – II
	58)			28507	Fabric Manufacture Lab. – II
	59)			28508	Cloth Analysis & Design Practice – II
10.	Chemical Engg. (Ceramics Engg.)	(30)	60)	30501	Fuel & Furnace Technology
			61)	30502	Refractory Technology-II
			62)	30503	Pottery & Porcelain Technology – II
			63)	30504*	Ceramic Engineering Drawing
			64)	30505	Cement Technology
			65)	30506*	Ceramic Engineering Workshop Practice – III (Pottery & Refractory)
			66)	30507*	Ceramic Engineering Lab. – II
11.	M.T..(Library Science)	(31)	67)	31501	Management of Library Inf. Centre

			68)	31502	Preservation & Conservation of Library Material
			69)	31503	Theoretical Foundation of inf.
			70)	31504	Internet resources
			71)	31505	Advance Library Classification
			72)	31506	Advance Library Classification Lab.
12.	M.T. (MOP)	(32)	73)	32501	Professional Language & Comm. Skill (English + Hindi)
			74)	32502	Office Equipment & Services
			75)	32503	Commercial & Industrial Law
			76)	32504	Office Organization
			77)	32505	Business Org. & Management
			78)	32506	Office Equipment & Services Lab.
13.	Mech. Engg. (Automobile Engg.)	(33)	79)	33501	Garage Practice
			80)	33504	Automobile Engineering - III
			81)	33505	Management of Transport Organization
			82)	33506 [#]	Automobile Workshop
			83)	33507*	Automobile Engineering Lab.
14.	Mech. Engg. (Printing Tech.)	(34)	84)	34501	Pre-Press Technology
			85)	34502	Surface Preparation
			86)	34503	Reproduction & Photography-II
			87)	34504	Business Management
			88)	34505	Computer Aided Printing
			89)	34506	Reproduction & Photography Lab.- II
15.	T.T. (C.D.G.M.)	(35)	90)	35501	Fashion & Life Style Accessories
			91)	35502	Fashion Arts & Survey
			92)	35503	Textile Craft
			93)	35504	Textile Design
			94)	35505	Clothing Theory
			95)	35506	Textile Craft Lab.
			96)	35507	Textile Design Lab.
16.	Architectural Assistantship	(37)	97)	37501*	Architectural Design & Drawing -II
			98)	37502	Computer Aided Design & Drafting (CADD)
			99)	37503	Architecture & Town Planning
			100)	37504	Contemporary Architecture
			101)	37505*	Quantity Surveying and Valuation
			102)	37506*	CADD Lab.
			103)	37507 [#]	Model Making Lab - II
17.	Electronics & Communication Engg.	(38)	104)	38505	Television Communication System
18.	Electrical & Electronics Engg.	(39)	105)	39504	Utilization of Electrical Power & Control
19.	Instrumentation & Control Engg.	(40)	106)	40502	Automatic Control System
			107)	40503	Electronics Measurement

			108)	40504	Power System- I
			109)	40507*	Electronics & Micro Processor Lab

F. Vth (New Syllabus)

Sl. No.	Branch	Branch Code		Sub. Code	Subject Name
1.	Agricultural Engg.	(11)	1)	1611501	Farm Structure & Estimation
			2)	1611502	Irrigation & Drainage Engineering
			3)	1611503	Farm & Land Development machinery
			4)	1611504*	Farm Structural Drawing
			5)	1611505	Soil & Water Conservation Engg.
			6)	1611506	Irrigation & Drainage Engineering Lab.
			7)	1611507	Farm & Land Development machinery Lab.
2.	Ceramic Engg.	(13)	8)	1613501	Fuel & Furnace Technology
			9)	1613502	Refractory Technology-II
			10)	1613503	Pottery & Porcelain Technology-II
			11)	1613504*	Ceramic Engineering Drawing
			12)	1613505	Cement Technology
			13)	1613506*	Ceramic Engineering Workshop Practice-III (Pottery & Refractory)
			14)	1613507*	Ceramic Engineering Lab. – II
3.	Chemical Engg.	(14)	15)	1614501	Heat Transfer Operation
			16)	1614502	Energy Management
			17)	1614503	Chemical Reaction Engineering.
			18)	1614504	Plant Safety and Maintenance
			19)	1614505	Chemical Instrumentation and Process Control
			20)	1614506	Heat Transfer Operation Lab
			21)	1614507	Energy Management Lab
			22)	1614508	Plant Safety and Maintenance Lab
			23)	1614509	Chemical Instrumentation and Process Control Lab
			4.	Civil Engg. / Civil (Rural) Engg.	(15)
25)	1615502	Design of Steel Structure			
26)	1615503*	Estimating and Costing			
27)	1615504	Highway Engineering			
28)	1615505	Irrigation Engineering			
29)	1615506	Theory of Structure Lab			
30)	1615507	Design of Steel Structure Lab			
31)	1615508	Irrigation Engineering Lab			
5.	Computer Science & Engg.	(18)	32)	1618501	System Maintenance
			33)	1618502	Data Communication & Networking
			34)	1618503	Internet & Web Technology
			35)	1618504	Software Engineering
			36)	1618505	JAVA
			37)	1618506	Data Communication & Network Lab

			38)	1618507	Internet & Web Technology Lab
			39)	1618508	System Maintenance Lab
6.	Electrical Engg. / Electrical & Electronics Engineering	(20)	40)	1620501	Switchgear and Protection
			41)	1620502	A.C. Machines
			42)	1620503	Utilization of Electrical Energy
			43)	1620504	Electric Traction-I
			44)	1620505	Industrial Automation
			45)	1620506	Switchgear and Protection Lab
			46)	1620507	A.C. Machines Lab
			47)	1620508	Electric Traction Lab-I
			48)	1620509	Industrial Automation Lab
7.	Electronics Engg.(21) / Electronics & Communication Engineering (38) / Instrumentation and Control Engg. (40)	(21 / 38 / 40)	49)	1621501	Microprocessor & Applications
	Electronics Engg.(21) / Electronics & Communication Engineering (38)	(21 / 38)	50)	1621502	Electronics Measurement – II
	Electronics Engg. (21) / Electronics & Communication Engineering (38)		51)	1621503	Radio & Telecommunication System
	Electronics Engg. (21) / Electronics & Communication Engineering (38)		52)	1621504	Power Electronics
	Electronics Engg. (21) / Instrumentation and Control Engg. (40)	(21 / 40)	53)	1621505	Television Engineering
	Electronics Engg. (21) / Electronics & Communication Engineering (38) / Instrumentation and Control Engg. (40)	(21 / 38 / 40)	54)	1621506*	Radio & T.V. Engineering Lab.
			55)	1621507*	Digital Electronics & M.P. Lab.
8.	Electronics & Communication Engineering (38)	(38)	56)	1638505	Television Communication System
9.	Instrumentation and Control Engg. (40)	(40)	57)	1640502	Automatic Control System
			58)	1640503	Electronics Measurement
			59)	1640504	Power System- I
			60)	1640505	Power Electronics
			61)	1640506*	Control System Lab
			62)	1640507*	Electronics & Micro Processor Lab
10.	Mechanical Engg. (25)	(25)	63)	1625501	Advanced Manufacturing Processes
			64)	1625502	Power Engineering
	Mechanical Engg. (25) / Automobile Engineering / Mech. Engg. (Auto) (33)	(25 / 33)	65)	1625503	Environmental Pollution & Control
	Mechanical Engg. (25)	(25)	66)	1625504	Metrology & quality Control
			67)	1625505	Automobile Engineering
			68)	1625506	Metrology & quality Control Lab
			69)	1625507 [#]	Advanced Manufacturing Processes Lab
11.	Automobile Engineering / Mech. Engg. (Auto) (33)	(33)	70)	1633501	Automobile Component Design
			71)	1633502	Advanced Automobile Engines
			72)	1633504	Automobile Manufacturing Process
			73)	1633505	Basic Electrical & Electronics
			74)	1633506	Advanced Automobile Engines Lab
			75)	1633507	Basic Electrical & Electronics Lab
Sl. No.	Branch	Branch Code		Sub. Code	Subject Name
12.	Modern Office Practice	(26)	76)	1626501	Professional Language & Comm. Skill (Eng + Hindi)
			77)	1626502	Office Equipment Services & Office Automation

			78)	1626503	Commercial & Industrial Law
			79)	1626504	Short Hand-I (English)
			80)	1626505	Business Org. & Management
			81)	1626506	Office Equipment Services Lab & Office Automation
13.	Printing Technology	(27)	82)	1627501	Pre-Press Technology
			83)	1627502	Surface Preparation
			84)	1627503	Reproduction & Photography-II
			85)	1627504	Business Management
			86)	1627505	Computer Aided Printing
			87)	1627506	Reproduction & Photography Lab – II
14.	Textile Engg.	(28)	88)	1628501	Yarn Manufacture - II
			89)	1628502	Fabric Manufacture - II
			90)	1628503	Fabric Structure and Design - II
			91)	1628504	Textile Management
			92)	1628505	Garment Technology
			93)	1628506	Yarn manufacture Lab. – II
			94)	1628507	Fabric Manufacture Lab. – II
			95)	1628508	Cloth Analysis & Designing Practice-II
15.	Architectural Assistantship	(37)	96)	1637501*	Building Construction-II
			97)	1637502	Computer Aided Design & Drafting (CADD)
			98)	1637503	Architecture & Town Planning
			99)	1637504	Contemporary Architecture
			100)	1637505*	Quantity Surveying and Valuation
			101)	1637506*	CADD Lab
			102)	1637507 [#]	Model Making Lab - II
16.	Library & Information Science	(41)	103)	1641501	Management of Library & Information Centre
			104)	1641502	Preservation & Conservation of Library Materials
			105)	1641503	Information Source and Services
			106)	1641504	Internet resources
			107)	1641505	Advance Library Classification
			108)	1641506	Preservation & Conservation of Library Material Lab
			109)	1641507	Advance Library Classification Lab
17.	Costume Design & Garment Technology	(42)	110)	1642501	Advance Pattern Making
			111)	1642502	Fashion Accessories
			112)	1642503	Apparel Quality Control
			113)	1642504	Embroidery Technology
			114)	1642505	Advanced Apparel Production Technology
			115)	1642506	Advance Pattern Making Lab.
			116)	1642507	Embroidery Technology Lab.
			117)	1642508	Needle Craft Lab.

G. Semester ~ VI (Old Syllabus)

Sl. No.	BRANCH	Branch Code	Sl. No.	Subject Code	SUBJECTS
1	Common		1	00601	Professional Studies & Entrepreneurship

2	Agricultural Engg.	(11)	2	11601	Professional Studies & Entrepreneurship
			3	11602	Mechanics of Structures
			4	11603	Farm tractor & Non-Conventional Energy
			5	11604	Post Harvest Technology
			6	11605 A	Water Resources Management
			7	11605 B	Non-Conventional Energy
			8	11605 C	Computer Aided Design & Drawing
			9	11605 D	Pollution and Environmental Engg.
			10	11606 [#]	Farm Tractor & Non-Conventional Energy
			3	Chemical Engg.	(14)
12	14603*	Chemical Engineering Design & Drawing			
13	14604	Industrial Instrumentation and Control			
14	14605 A	Fertilizer Technology			
15	14605 B	Bio-Chemical Engineering			
16	14605 C	Petroleum Refining			
17	14606	Industrial Instrumentation and Control			
4	Civil Engg. / Civil (Rural) Engg.	(15)	18	15602	R.C.C. Structure
	Civil Engg. / Civil (Rural) Engg.		19	15603	Environmental Engineering
	Civil Engg.		20	15604	Construction Technology-II
	Civil Engg. / Civil (Rural) Engg.		21	15605 A	Earthquake resistant design & Construction
	Civil Engg.		22	15605 B	Water & Land Management
			23	15605 C	Town Planning and Architecture
			24	15605 D	Rural Engineering Technology
			25	15605 E	Constructional Planning & Project Management
			26	15606 [#]	Construction Practice Lab. – II
			27	15607	Environmental Engineering
5	Civil (Rural) Engg.	(16)	28	16604	Agricultural Engg. & Ext. Services
			29	16605 B	Village Industries and Services Organization
			30	16605 C	Rural resource Management
			31	16605 D	Horticulture & social forestry
			32	16605 E	Micro Level Planning and Water Resource Project
			33	16606	Civil Engineering Lab.
6	C.S.E.	(18)	34	18602	System Software
			35	18603	Visual Basic
			36	18604	Computer Graphics
			37	18605 A	Artificial Intelligence & Expert System
			38	18605 B	E-Commerce
			39	18605 C	Multimedia
			40	18605 D	Java
			41	18606	Visual Basic Lab.
7	Electrical Engg. / Elect. & Ec. Engg. / I.C.E.	(20/39/40)	42	20602	Power System – II
	Electrical Engg. / Elect. & Ec. Engg.	(20/39)	43	20603	Electric Traction
	Electrical Engg.	(20)	44	20604	Electrical Measurement & Measuring Instrument

			45	20605 A	CADD
	Electrical Engg. / Elect. & Ec. Engg.	(20/39)	46	20605 B	Electrical Machine Design
	Electrical Engg. / Elect. & Ec. Engg. / I.C.E.	(20/39/40)	47	20605 C	Network Theory
	Electrical Engg. / Elect. & Ec. Engg.	(20/39)	48	20605 D	Data Base Management System
	Electrical Engg. / Elect. & Ec. Engg.	(20/39)	49	20606	Electric Traction Lab.
	Electrical Engg.	(20)	50	20607*	Electrical Measurement Lab.
8	Electronics Engg.	(21)	51	21602	<i>Advance Communication System</i>
			52	21603	Digital Electronics-II
	Electronics Engg. / Ec. & Comm. Engg.	(21/38)	53	21604	Signal System
			54	21605 A	Advanced Microprocessor
	Electronics Engg. / Ec. & Comm. Engg. / I.C.E.	(21/38/40)	55	21605 B	Advanced Instrumentation & Measurement
	Electronics Engg. / Ec. & Comm. Engg.	(21/38)	56	21605 C	Mining Electronics
			57	21605 D	Medical Electronics
	Electronics Engg. / Ec. & Comm. Engg. / I.C.E.	(21/38/40)	58	21605 E	Microwave Engineering
Electronics Engg.	(21)	59	21606	<i>Advance Communication System Lab.</i>	
9	Mechanical Engg. / Mech. (Automobile) Engg.	(25)	60	25602	Manufacturing Technology-II
			61	25603	Industrial Management
	Mechanical Engg.	(25)	62	25604*	Drawing & Design
	Mechanical Engg. / Mech. (Automobile) Engg.	(25/33)	63	25605 A	Non-Conventional Energy Sources
			64	25605 B	Refrigeration and Air-Conditioning
	Mechanical Engg.		65	25605 C	CAD/CAM
	Mechanical Engg.		66	25605 D	Auto CADD
	Mechanical Engg.		67	25606	Mechanical Engineering Lab.
Mechanical Engg. / Mech. (Automobile) Engg.	(25/33)	68	25607 A*	Non-Conventional Energy Sources	
		69	25607 B*	Refrigeration and Air-Conditioning	
10	Textile Engg.	(28)	70	28602	Textile Testing & Quality Control
			71	28603	Textile Chemistry – II
			72	28604	Garment Technology
			73	28605 A	Sericulture & Silk Technology
			74	28605 B	Processing of Synthetic & their Blends
			75	28605 C	Technical Textile
			76	28605 D	Computer Aided Textile Design
			77	28605 E	Textile Management
			78	28606	Textile Testing Lab. – II
			79	28607	Textile Chemistry Lab. – II
11	Chemical Engg. (Ceramics Engg.)	(30)	80	30602	Glass Technology-II
			81	30603	Modern & Electronics Ceramics
			82	30604	Enamel Technology
			83	30605 A	Modern Refractory Technology
			84	30605 B	Modern Furnace Technology
			85	30605 C	Instrumentation and Automatics Process Control
			86	30606*	Ceramic Engineering Workshop Practice – IV (Glass & Enamel)
12	MT (L.S.)	(31)	87	31603	Advance Library Cataloguing
			88	31604	Inf. Storage & Retrieval
			89	31605 A	Academic Library System
			90	31605 B	Research Methodology

			91	31606	Advance Library Cataloguing
13	MT (L.S. / M.O.P.)	(32)	92	32602	Computer Application
	MT (MOP)	(32)	93	32603	Office Automation
			94	32604	Commercial Arithmetic & Business Statistic
			95	32605 A	Auditing
			96	32605 B	Mgt. of small Enterprises
			97	32605 C	Public Sector Enterprises
			98	32605 D	Insurance
	MT (L.S. / M.O.P.)	(32)	99	32606	Computer Application Lab.
14	Mech. (Automobile) Engg.	(33)	100	33604*	Drawing, Design & Estimating
			101	33605 C	Heavy Earth Movers
			102	33606 C*	Heavy Earth Movers Lab
15	ME (Printing Tech.)	(34)	103	34602	Binding & Finishing – II
			104	34603	Printing Process – II
			105	34604	Accountancy Costing & Estimating
			106	34605 A	Advance Pre-Press
			107	34605 B	Advance Press-Work
			108	34605 C	Advance Printer's Science
			109	34606	Pre-Press
16	TT (CDGM)	(35)	110	35602	Fashion & Apparel
			111	35603	Embroidery Technology
			112	35604	Knitting Technology
			113	35605 A	Computer Aided Garment Design
			114	35605 B	Fashion Merchandising
			115	35606*	Fashion Apparel
			116	35607*	Knitting & embroidery Technology
17	Architectural Assistantship	(37)	117	37601	Building Construction-II
			118	37602	RCC & Steel Structure Design
			119	37603	Professional Practice & Byelaws
			120	37604	Acoustics & Illumination
			121	37605 A	Land Scene Design
			122	37605 B	Arch. Conservation
			123	37605 C	Building Maintenance
			124	37606*	Construction Practice – II
			125	37607*	Model Making Lab.-III
18	Electronics & Communication Engg.	(38)	126	38602	Advance Communication Systems
			127	38603	Digital Communication
			128	38606	Advance Communication Systems Lab.
19	Electrical & Electronics Engg.	(39)	129	39604	Electrical & Electronics Measurement
	Electrical & Electronics Engg. / I.C.E.	(39)	130	39605 A	Modern Communication & its Application
	Electrical & Electronics Engg.	(39)	131	39607*	Electrical & Electronics Measurement Lab
20	Instrumentation & Control Engg.	(40)	132	40603	Utilization of Electrical Power & Control
			133	40604	Signal System & Transducer
			134	40606	Electrical Machine Lab
			135	40607	Electronics Circuit Lab

H. Semester ~ VI (New Syllabus)

Sl. No.	Branch	Branch Code	Sl. No.	Subject Code	SUBJECTS
	Common		1	1600601	Management (Common)
1.	Agricultural Engg.	(11)	2	1611602	Mechanics of Structure
			3	1611603	Farm Tractor & Non-Conventional Energy
			4	1611604	Post Harvest Technology
			5	1611605 A	Water Resources Management
			6	1611605 B	Non-Conventional Energy
			7	1611605 C	Computer Aided Design & Drawing
			8	1611605 D	Pollution and Environmental Engg.
			9	1611606	Farm Tractor & Non-Conventional Energy Lab
			2.	Ceramic Engg.	(13)
11	1613603	Modern & Electronic Ceramics			
12	1613604	Monolithics and steel Plant Refractories			
13	1613605 A	Modern Refractory Technology			
14	1613605 B	Modern Furnace Technology			
15	1613605 C	Instrumentation and Automatic Process Control			
16	1613606*	Ceramic Engineering Workshop Practice – IV (Glass & Enamel)			
3.	Chemical Engg.	(14)			
			18	1614603	Environmental Technology
			19	1614604	Mass Transfer Operation
			20	1614605 A	Bioprocess Engineering
			21	1614605 B	Food Processing & Engineering
			22	1614605 C	Sugar Technology
			23	1614605 D	Petrochemical Technology
			24	1614606	Environmental Technology Lab
			25	1614607	Mass Transfer Operation Lab
			26	1614608 A	Bioprocess Engineering Lab
			27	1614608 B	Food Processing & Engineering Lab
			28	1614608 C	Sugar Technology Lab
			29	1614608 D	Petrochemical Technology Lab
4.	Civil Engg. / Civil (Rural) Engg.	(15)	30	1615602	Contracts and Accounts
			31	1615603	Environment Engineering
			32	1615604	Design of Structures
			33	1615605 A	Advanced Construction Techniques and Equipments
	Civil Engg. / Civil (Rural) Engg.	(15) / (16)	34	1615605 B	Maintenance and Rehabilitation of Structures
	Civil Engg. / Civil (Rural) Engg.	(15)	35	1615605 C	Architectural Practices and Interior Design
			36	1615605 D	Earthquake Resistant Design & Construction
	Civil (Rural) Engg.	(16)	37	1616605 A	Micro Irrigation
			39	1616605 C	Water shade Management
	Civil Engg. / Civil (Rural) Engg.	(15)	40	1615606	Environment Engineering Lab
			41	1615607 A	Advanced Construction Techniques and Equipments Lab
	Civil Engg. / Civil (Rural) Engg.	(15) / (16)	42	1615607 B	Maintenance and Rehabilitation of Structures Lab

•	Civil Engg. / Civil (Rural) Engg.	(15)	43	1615607 C	Architectural Practices and Interior Design Lab
			44	1615607 D	Earthquake Resistant Design & Construction Lab
	Civil (Rural) Engg.	(16)	45	1616607 A	Micro Irrigation Lab
			46	1616607 C	Water shade Management Lab
5.	Computer Science & Engg.	(18)	47	1618602	System Software
			48	1618603	Visual Basic
			49	1618604	Computer Graphics
			50	1618605 A	Artificial Intelligence & Expert System
			51	1618605 B	E-Commerce
			52	1618605 C	Multimedia
			53	1618606	Visual Basic Lab
6.	Electrical Engg. / Electrical & Electronics Engineering (20)	(20)	54	1620602	Testing & Maintenance of Electrical Machines
			55	1620603	Power Electronics and Drives
			56	1620604	Automatic Control System
			57	1620605 A	Electric Traction-II (1620605 A)
			58	1620605 B	Maintenance and Repairs of Electrical Equipment
			59	1620605 C	Microprocessors and Microcontrollers
			60	1620606	Testing & Maintenance of Electrical Machines Lab
			61	1620607	Power Electronics and Drives Lab
			62	1620608	Control System Lab
			63	1620609 A	Electric Traction-II Lab
			64	1620609 B	Maintenance and Repairs of Electrical Equipment Lab
			65	1620609 C	Microprocessors and Microcontrollers Lab
			7.	Electronics & Communication Engineering (38)	(38)
67	1638603	Digital Communication			
68	1638606	Advance Communication Systems Lab.			
8.	Electronics Engg. (21)	(21)	69	1621602	Advance Communication System
	Electronics Engg. (21)	(21)	70	1621603	Digital Electronics-II
	Electronics Engg. (21) / Electronics & Communication Engineering (38)	(21) / (38)	71	1621604	Signal System
			72	1621605 A	Advanced Microprocessor
	Electronics Engg. (21) / Electronics & Communication Engineering (38) / Instrumentation and Control Engg. (40)	(21) / (38) / (40)	73	1621605 B	Advanced Instrumentation & Measurement
Electronics Engg. (21) / Electronics & Communication Engineering (38)	(21) / (38)	74	1621605 C	Mining Electronics	
		75	1621605 D	Medical Electronics	
Electronics Engg. (21) / Electronics & Communication Engineering (38) / Instrumentation and Control Engg. (40)	(21) / (38) / (40)	76	1621605 E	Microwave Engineering	
Electronics Engg. (21)	(21)	77	1621606	Advance Communication System Lab.	
9.	Instrumentation and Control Engg. (40)	(40)	78	1640602	Power System II
			79	1640603	Utilization of Electrical Power & Control
			80	1640604	Signal System & Transducer
			81	1640605 A	Modern Communication & its Application
			82	1640605 C	Network Theory
			83	1640606	Electrical Machine Lab

			84	1640607	Electronics Circuit Lab
10.	Mechanical Engg. (25)	(25)	85	1625602	Design of Machine Elements
			86	1625603	Industrial Fluid Power
			87	1625604	Production Technology
			88	1625605 A	Alternate Energy Sources & Management
	Mechanical Engg. (25) / Automobile Engineering / Mech. Engg. (Auto) (33)	(25) / (33)	89	1625605 B	Material Handling Systems
	Mechanical Engg. (25)	(25)	90	1625605 C	Refrigeration & Air-Conditioning
	Mechanical Engg. (25) / Automobile Engineering / Mech. Engg. (Auto) (33)	(25) / (33)	91	1625605 D	CAD-CAM & Automation
	Mechanical Engg. (25)	(25)	92	1625606	Industrial Fluid Power Lab
93			1625607 A	Alternate Energy Sources & Management Lab	
94			1625607 B	Material Handling Systems Lab	
95			1625607 C	Refrigeration & Air-Conditioning Lab	
96			1625607 D	CAD-CAM & Automation Lab	
11.	Automobile Engineering / Mech. Engg. (Auto) (33)	(33)	97	1633602	Automotive Electrical & Electronic Systems
			98	1633603	Transport Management
			99	1633604	Vehicle Maintenance
			100	1633605 B	Automobile Air Conditioning
			101	1633606	Automotive Electrical & Electronic Systems Lab
			102	1633607	Vehicle Maintenance Lab
12.	Modern Office Practice	(26)	103	1626602	Commercial Arithmetic & Business Statistics
			104	1626603	Interpersonal Communication (Eng. + Hindi)
			105	1626604	Short Hand-II (Hindi)
			106	1626605 A	Auditing
			107	1626605 B	Management of small Enterprises
			108	1626605 C	Public Sector Enterprises
			109	1626605 D	Insurance
			110	1626606	Computer Application, Ms Office & Tally Lab
			111	1626607	Stenography-II Lab
			13.	Printing Technology	(27)
113	1627603	Printing Process – II			
114	1627604	Accountancy Costing & Estimating			
115	1627605 A	Advance Pre-Press			
116	1627605 B	Advance Press-Work			
117	1627605 C	Advance Printer's Science			
118	1627606	Pre-Press Lab			
119	1627607	Printer's Process Lab. II			
14.	Textile Engg.	(28)			
			121	1628603	Textile Testing & Quality Control
			122	1628604	Processing of Synthetic & their Blends
			123	1628605 A	Nonwoven & Knitting
			124	1628605 B	Sericulture & Silk Technology

			125	1628605 C	Technical Textiles
			126	1628605 D	Computer Aided Textile Design
			127	1628606	Textile Chemistry Lab. – II
			128	1628607	Textile Testing Lab. – II
15.	Architectural Assistantship	(37)	129	1637601	Architectural Design and Drawing -II
			130	1637602	RCC & Steel Structure Design
			131	1637603	Professional Practice & Byelaws
			132	1637604	Acoustics & Illumination
			133	1637605 A	Land Scape Design
			134	1637605 B	Architectural Conservation
			135	1637605 C	Building Maintenance
			136	1637606*	Architectural Design & Drawing Lab
			137	1637607*	Model Making Lab.-III
16.	Library & Information Science	(41)	138	1641602	Information Sources
			139	1641603	Advance Library Cataloguing
			140	1641604	Information Processing and Retrieval
			141	1641605 A	Academic Library System
			142	1641605 B	Research Methodology
			143	1641605 C	Information users & Needs
			144	1641606	Advance Library Cataloguing Lab
			145	1641607	Information Processing and Retrieval Lab
17.	Costume Design & Garment Technology	(42)	146	1642602	Apparel Merchandising
			147	1642603	Finishing of Fabric and Garments
			148	1642604	Computer Aided Garment Design
			149	1642605 A	Fashion Communication
			150	1642605 B	Knitting Technology
			151	1642606	Finishing of Fabric and Garments Lab.
			152	1642607	Recycling of Waste Fabrics Lab