SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University

PART- TWO

Thursday, 07 July, 2022

NOTIFICATION

No. 80 /2022 Date : 07 /07/2022

Subject : Equivalence & Absorption Schemes / Chances for Old Course failure students of Sem. I toVI of B.E(.Mechanical Engg.) V & VI of B.E. (Electronics & Telecommunication Engg.) and VII & VIII of B.E./B.Text.E./B.Tech. (Chemical) and B.Tech. (Chemical Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Technology) (Engineering Group) in the Faculty of Science & Technology …

It is notified for general information of all concerned that the authorities of the University have accepted the Equivalence & Absorption Schemes / Chances for the old Course failure students of Semester I to VI of B.E. (Mechanical Engg.), Semester V & VI of B.E. (Electronics & Telecommunication Engg.) and Semester VII & VIII of B.E./B.Text.E./B.Tech. (Chemical) and B.Tech. (Chem.Tech.) (Food, Pulp & Paper, Oil & Paint and Petrochemical Tech.) (C.G.S.) in the Faculty of Science & Technology to be implemented from the academic session 2022-23 onwards as per ñ**Appendix – A**ò as given below:

Sd/-
(Dr.T.R.Deshmukh)
Registrar

ñAppendix – Aò

(A) (i) Schemes of Equivalence & Absorption / Chances for old course failures - Sem. I to VI B.E. (Mechanical Engg.)

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given, if any	Equivalent new Subject code	Equivalent New Sub. after exhausting Chances (C.B.C.S.)
1	1A4	**(w.e.f. Winter-2022)** Engineering Drawing	--------	1B4	Engineering Graphics
2	5FEME05	**Free Elect. – I:** ii)Ergonomics iv)Project Management	(i) Three chances upto Winter -2023 (ii) Three chances upto Winter -2023	i)------- ii)-------	i)------- ii)-------
3	6ME01	Fluid Power - II	-------	4ME05	Hydraulic & Pneumatic Systems
4	6ME02	Computer Software Applications	Three chances upto Winter -2023	-------	-------
5	6FEME05	**Free Elect. – I:** ii)Ergonomics	Three chances upto Winter -2023	-------	-------

(ii) Sem. I to IV B.E. (Computer Science & Engg.)

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given, if any	Equivalent new Subject code	Equivalent New Sub. after exhausting Chances (C.B.C.S.)
1	1B3	**(w.e.f. Winter-2022)** **B.E./B.Tech./B.Text.E. Sem. I/II Group A:** Computer Programming	Three chances upto Winter -2023	1A4	Computer Programming
2	2SCT3	Computer Programming	Three chances upto Winter -2023	-------	-------
3	3kS03/ 3KE03	**(w.e.f. Winter-2022)** Electronic Devices & Circuits	Four chances upto Summer -2024	3ETC02	Electronic Devices & Circuits
4	4kS03/ 4KE03	Object Oriented Programming	Four chances upto Summer -2024	3kS03	Object Oriented Programming

(B) Schemes of Equivalence & Absorption / Chances for old course failures of Semester V & VI B.E. (Electronics & Telecommunication Engg.)

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given, if any	Equivalent new Subj. code	Equivalent New Sub. after exhausting Chances (C.B.C.S.)
1	5ET01	**(w.e.f. Winter-2022)** Analog Electronics- II	Three chances upto Winter -2023	-------	-------
2	5ET02	Power Electronics & Drives	-------	5ETC04 P.E.I (i)	Power Electronics
3	5ET03	Microprocessor & Microcontrollers	-------	5ETC01	Microcontrollers
4	5ET04	Communication Engg.- II	Three chances upto Winter - 2023	-------	-------
5	5FEET05	**Free Elect. – I:** i)Electronic Test Instruments ii)fiber Optic & Satellite Communication	(i) Three chances upto Winter -2023 (ii) Three chances upto Winter -2023	i)------- ii)-------	i)------- ii)-------
6	6ET01	Microcontroller & Programming Applications	Three chances upto Winter -2023	-------	-------
7	6ET02	Control Systems Engg.	-------	5ETC02	Control Systems
8	6ET03	Digital Communication	Three chances upto Winter -2023	-------	-------
9	6ET04	Digital Signal Processing	-------	5ETC03	Digital Signal Processing
10	6FEET05	**Free Elect. – II:** i)Consumer Electronics ii)Introduction to Wireless Technology	(i) Three chances upto Winter -2023 (ii) Three chances upto Winter -2023	i)------- ii)-------	i)------- ii)-------

(C) SCHEMES OF EQUIVALENCE & ABSORPTION / CHANCES FOR OLD COURSE FAILURES OF SEMESTER VII & VIII

(I) CIVIL ENGINEERING :

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given, if any	Equivalent new Subj. code	Equivalent New Sub. after exhausting Chances (C.B.C.S.)
1	7CE01	**Semester VII:(w.e.f. Winter 2022)** Theory of Structures - II	(4) Four chances up to Summer -2024	7CE01	Structural Analysis - II
2	7CE02	Geotechnical Engineering - II	(4) Four chances up to Summer -2024	7CE02	Geotechnical Engineering - II
3	7CE03	Design of Steel Structures	(4) Four chances up to Summer -2024	6CE01	Design of Steel Structures
4	7CE04	Environmental Engineering ï I	(4) Four chances up to Summer -2024	6CE02	Environmental Engineering ï I
5	7CE05	**Prof. Elect. –I:** i)Advanced Water Treatment ii)Advanced Geotechnical Engg. iii)Water Power Engineering iv)Prestressed Concrete v)Artificial Neural Networks & Fuzzy Logic vi)Advanced Concrete Tech. vii)Environmental Pollution & Rural Sanitation viii)Advanced Earthquake Engineering	(4) Four chances up to Summer -2024 (to all the subjects of Prof. Elect. from i) to viii)	i)8CE03 P.E.-IV ii) 8CE04 P.E.- V iii)7CE05 P.E.-III iv) 8CE03 P.E.- IV v)------- vi)-------- vii)----- viii) 7CE05 P.E.-III	i) Advanced Water Treatment ii) Advanced Geotechnical Engg. iii) Water Power Engineering iv) Advanced Prestressed Concrete Structures v) ---------- vi) ---------- vii) ---------- viii) Analysis & Design of Structures for Earthquake & Wind
6	8CE01	**Semester VIII (w.e.f.Summer 2023)** Water Resources Engg. - II	(4) Four chances up to Winter - 2024	7CE03	Hydraulic Engineering
7	8CE02	Environmental Engineering ï II	(4) Four chances up to Winter ï 2024	7CE04	Environmental Engineering ï II
8	8CE03	Project Planning & Management	(4) Four chances up to Winter ï 2024	8CE01	Construction Project Mgmt.
9	8CE04	**Prof. Elect. –II:** i)Advanced Design of Steel Structures ii)Advanced Waste Water & Industrial Waste Treatment iii)Finite Element Methods iv)Dam Engineering v)Advanced Engg. Geology vi)Matrix Computer Analysis of Structures vii)Lateral Load Analysis viii)Rock Mechanics ix) Advanced Design of RCC Structures x)Architecture & Town Planning	(4) Four chances up to Winter ï 2024 (To all the subjects of Prof. Elect. from i) to x)	i) 8CE03 P.E.-IV ii)---------- iii) 8CE03 P.E.- V iv)--------- v)-------- vi) 8CE03 P.E.- IV vii)---- viii)------- ix) 8CE03 P.E.- V x)--------	i) Advanced Design of Steel Structures ii) ---------- iii) Finite Element Methods iv) ---------- v) ---------- vi) Structural Analysis of Matrix Methods vii) ---------- viii) ---------- ix) Advanced Design of RCC Structures x) ----------

(II) MECHANICAL ENGINEERING:

Sr No	Old Course Subj Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Subj Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7ME01	**Semester VII: (w.e.f. Winter 2022)** Machine Design & Drawing - II	Three (3) chances upto Winter-2023	----------	----------
2	7ME02	Energy Conversion - II	----------	7ME04	Energy Conversion - II
3	7ME03	Industrial Management & Costing	----------	7ME03	Industrial Management & Costing
4	7ME04	Automation Engg.	Three (3) chances upto Winter-2023	----------	----------

5	*7ME05*	**Prof. Elect. – I :** i)Non Conventional Energy System ii)Tool Engineering iii) Artificial Intelligence & Expert Systems iv) Mechatronics	i) -------- ii) -------- iii) -------- iv) --------	i)6ME04 P.E.-I(ii) ii) 6ME04 P.E.-I(i) iii) 8ME03 P.E.-III(iv) iv) 7ME01	i) Non Conventional Energy System ii) Tool Engineering iii) Artificial Intelligence iv) Mechatronics
6	*8ME01*	**Semester VIII (w.e.f. Summer 2023)** **Prof. Elect. – II :** i) Automobile Engg. ii)Production Planning & Control iii) Management Information Systems iv) Adv. Manufacturing Systems	i) -------- ii) -------- iii) Three (3) chances upto Summer-2024 iv) Three (3) chances upto Summer-2024	i)7ME05 P.E.-II(ii) ii) 8ME03 P.E.III(ii) iii) ------ iv) ------	i) Automobile Engg. ii) Production Planning & Control iii) -------- iv) --------
7	*8ME02*	**Prof. Elect. – III :** i) Refrigeration & Air Conditioning ii)Machine Tool Design iii) Finite Element Methods iv) Robotics	i) -------- ii) Three (3) chances upto Summer-2024 iii) -------- iv) --------	i) 8ME04 P.E.IV(i) ii) P.E.-I(i) iii) 8ME04 P.E.-IV(iii) iv) 8ME04 P.E. IV	i) Refrigeration & Air Conditioning ii) --------- iii) Finite Element Analysis iv) Robotics & Industrial Applications
8	*8ME03*	I.C. Engines	--------	8ME02	I.C. Engines
9	*8ME04*	Operations Research Techniques	--------	8ME01	Operations Research Techniques

(III) ELECTRONICS & TELECOMMUNICATION ENGINEERING:

Sr No	Old Course Subj Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Subj Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7ET01	**Semester VII: (w.e.f. Winter 2022)** VLSI Design	Three (3) chances upto Winter-2023	----------	----------
2	7ET02	Digital Image Processing	Three (3) chances upto Winter-2023	7ET02	Digital Image & Video Processing
3	7ET03	Satellite &Optical Fiber Communication	Three (3) chances upto Winter-2023	----------	----------
4	7ET04	Industrial Mgmt. & Quality Control	Three (3) chances upto Winter-2023	----------	----------
5	7ET05	**Prof.Elect.-I :** i) Computer Organization ii) PLC &Automation iii)Smart Sensors iv) Fuzzy Logic & Art. Neural Networks v)Speech Processing vi)RF Modelling & Antenna	i)Three (3) chances upto Winter-2023 ii)Three (3) chances upto Winter-2023 iii)Three (3) chances upto Winter-2023 iv)Three (3) chances upto Winter-2023 v)Three (3) chances upto Winter-2023 vi)Three (3) chances upto Winter-2023	i)6ETC02 ii) i)------- iii)------ iv)------ v)5ETC04 P.E.-I (iii) vi)-----	i) Computer Architecture ii) ------- iii)------ iv)------ v) Speech & Audio Processing vi) ------
6	8ET01	**Semester VIII (w.e.f. Summer 2023)** UHF & Microwaves	Three (3) chances upto Summer-2024	7ETC01	Microwave Theory & Techniques
7	8ET02	Wireless Communication	Three (3) chances upto Summer-2024	-------	---------
8	8ET03	Data Communication Networks	Three (3) chances upto Summer-2024	6ETC01	Communication Networks
9	8ET04	**Prof.Elect.-III :** i)Embedded System & RTES ii)Automotive Electronics iii)Wireless Sensor Networks iv)Biomedical Engg. v)Data Compression & Encrypn. vi)Ultra wide Band Communication	i) Three (3) chances upto Summer-2024 ii) Three (3) chances upto Summer-2024 iii) Three (3) chances upto Summer-2024 iv) Three (3) chances upto Summer-2024 v) Three (3) chances upto Summer-2024 vi) Three (3) chances upto Summer-2024	i)8ETC01 ii)------- iii) 8ETC03(ii) iv) 8ETC03(iv) v)------ vi)-----	i) Embedded System ii) ------- iii) Wireless Sensor Networks iv) Biomedical Electronics v) ------- vi) ------

(IV) COMPUTER SCIENCE & ENGINEERING / COMPUTER ENGINEERING:

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Sub Code	Equivalent New Subject [After exhausting Chances] (C.B.C.S.)
1	7KS01	**Semester VII: (w.e.f. Winter 2022)** Digital Signal processing	3 chances upto Winter-2023	7KE02	Digital Signal processing
2	7KS02/7KE02	Computer Networks	3 chances upto Winter-2023	4KE02	Computer Networks
3	7KS03/7KE05 (P.E.I) (iii)	Design & Analysis of Algorithms	3 chances upto Winter-2023	6KS02	Design & Analysis of Algorithms
4	7KS04	Object Oriented Analysis & Design	3 chances upto Winter-2023	8KE01	Object Oriented Analysis & Design
5	7KS05	**Prof. Elect. – I :** i)Computer Graphics (7KE05(ii) ii)Multimedia Technologies iii)Web Engineering iv)Human Computer Interface (7KE05(iv)	i) 3 chances upto Winter-2023 ii) 3 chances upto Winter-2023 iii) 4 chances upto Summer - 2024 iv) 4 chances upto Summer - 2024	i) 7KS02 ii) 8KS04 (ii) iii) -------- iv) --------	(i) Computer Graphics (ii) Multimedia Computing (iii) --------- iv) ---------
6	7KE01	**Semester VII: (w.e.f. Winter 2022)** Signal & Systems	3 chances upto Winter-2023	6KE03	Signal & Systems
7	7KE03	Microprocessors & Interfacing	3 chances upto Winter-2023	4KE04	Microprocessors & Interfacing
8	7KE04	Mobile Computing	4 chances upto Summer -2024	--------	--------
9	7KE05	**Prof. Elect. – I :** i) Artificial Intelligence iv) Human Computer Interaction	i) 3 chances upto Winter-2023 ii) 4 chances upto Summer -2024	i)4KS01 ii) --------	i) Artificial Intelligence ii) --------
10	8KS01	**Semester VIII (w.e.f. Summer 2023)** Artificial Intelligence	3 chances upto Summer -2024	4KS01	Artificial Intelligence
11	8KS02/8KE02	Embedded Systems	3 chances upto Summer -2024	7KE04/ 7KE04 P.E.- III (iii)	Embedded Systems
12	8KS03/8KE03	Software Engineering	3 chances upto Summer -2024	6KS03	Software Engineering
13	8KS04/8KE04	**Prof. Elect. – II :** i)Distributed Computing (8KS04) ii)Mobile Computing (8KS04) iii)Soft Computing(8KS04/8KE04) iv)Network Security (8KS04/8KE04) v)Multimedia Technologies(8KE04) vi) Expert Systems Design (8KE04)	i) 4 chances upto Winter-2024 ii) 4 chances upto Winter-2024 iii) 4 chances upto Winter-2024 iv) 4 chances upto Winter-2024 v) 3 chances upto Winter-2024 vi) 4 chances upto Winter-2024	i)------ ii)------ iii)----- iv)------ v) 8KS04 (P.E.-VI) (ii) vi)------	i) -------- ii) -------- iii) -------- iv) -------- v) Multimedia Computing vi) --------
14	8KE01	Digital Signal Processing	3 chances upto Winter-2024	7KE02	Digital Signal Processing

(V) INFORMATION TECHNOLOGY:

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Sub Code	Equivalent New Subject [After exhausting Chances] (C.B.C.S.)
1	7IT01	**Semester VII: (w.e.f. Winter 2022)** Digital Signal processing	Four (4) chances upto Summer 2024	7KE02	Digital Signal processing
2	7IT02	Object Oriented System : Analysis & Design	Four (4) chances upto Summer 2024	8IT01	Object Oriented Analysis & Design

3	7IT03	Web Technology	Four (4) chances upto Summer 2024	-------	--------
4	7IT04	Real Time Embedded Systems	Four (4) chances upto Summer 2024	7IT02	Embedded Systems
5	7IT05	**Prof. Elect. - I :** i)Distributed DBMS ii)Modelling & Simulation iii)Artificial Intelligence & Expert Systems iv)Multimedia Technologies	i) Four (4) chances upto Summer 2024 be given ii) Four (4) chances upto Summer 2024 be given iii) Four (4) chances upto Summer 2024 be given iv) Four (4) chances upto Summer 2024 be given	i)------ ii)------ iii)7IT04 P.E.III(i) iv)-----	i)----- ii)------ iii) Machine Learning iv)-------
6	8IT01	**Semester VIII (w.e.f. Summer 2023)** Digital & Wireless Communication	Four (4) chances upto Winter 2024 be given	7IT04 P.E.III (iii)	Wireless Sensor Networks
7	8IT02	Network Administration & Security	Four (4) chances upto Winter 2024	------	---------
8	8IT03	Software Engineering	Four (4) chances upto Winter - 2024	6KS03	Software Engineering
9	8IT04	**Prof. Elect. II :** i)Data Warehousing & Data Mining ii)Web Commerce iii)Cloud Computing iv)Neural Networks & Fuzzy Logics	i) Four (4) chances upto Winter 2024 be given ii) Four (4) chances upto Winter 2024 be given iii) Four (4) chances upto Winter 2024 be given iv) Four (4) chances upto Winter 2024 be given	i) 7IT04 P.E.III (ii) ii) ------ iii) 7IT03 iv) ------	i)Data Warehousing &Mining ii) --------- iii) Cloud Computing iv) ----------

(VI) Electrical Engineering, Electrical (Electronics & Power Engg.) & Electrical & Electronics Engineering:

Sr No	Old Course Subj Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Sub Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7EE01	**Electrical Engineering:** **Semester VII: (w.e.f. Winter 2022)** Control Systems - II	3 chances upto Winter-2023	6EE04 P.E. ï II (i)	Advanced Control Systems
2	7EE02	Power System Operation & Control	3 chances upto Winter-2023	5EE04 P.E. I(i)	Power System Operation & Control
3	7EE03	Electrical Power - II	3 chances upto Winter-2023	6EE02	Power System - II
4	7EE04	Switchgear & Protection	3 chances upto Winter-2023	8EE02 P.E. V (iii)	Power System Protection
5	7EE05	**Prof. Elect. –I:** i)Process Control Systems ii))Wind Electrical Systems iii) Computer Methods in Power System Analysis iv) Artificial Intelligence	i) 3 chances upto Winter-2023 ii) 3 chances upto Winter-2023 iii) 3 chances upto Winter-2023 iv) 3 chances upto Winter-2023	i)8EE03 P.E. V (i) ii) 7EX04 P.E. III (i) iii)8EP02 iv)7EE05 P.E. V (i)	i) Process Control Systems ii)Wind & Solar Energy Systems iii) Computer Methods in Power System Analysis iv) Artificial Intelligence
6	8EE01	**Semester VIII (w.e.f. Summer 2023)** Power System Stability	3 chances upto Summer-2024	5EE04 P.E. ï I (i)	Power System Operation & Control
7	8EE02	High Voltage Engineering	3 chances upto Summer-2024	8EP03 P.E. V (i)	High Voltage Engineering

8	8EE03	Digital Signal Processing	3 chances upto Summer-2024	7EE02	Digital Signal Processing
9	8EE04(P.E.II)	**Prof. Elect. –II:** i)Electric Drives & Control ii)) Power Quality iii) Power System Management iv) Generalized Machine Theory	i) 3 chances upto Summer-2024 ii) 3 chances upto Summer-2024 iii) 3 chances upto Summer-2024 iv) 3 chances upto Summer-2024	i)7EE05 P.E. IV (ii) ii)8EP04 P.E. VI (i) iii)6EE05 O.E. II (i) iv)5EE05 O.E. I (i)	i) Electrical Drives & Control ii) Power Quality iii) Energy Audit & Management iv) Electrical Drives
10	7EX01	**Electrical & Electronics Engineering: Semester VII: (w.e.f. Winter 2022)** Utilization of Electrical Energy	3 chances upto Winter-2023	7EE01	Electrical Energy Distribution & Utilization
11	7EX02	Electronic Communication	3 chances upto Winter-2023	5EP04 P.E. I (ii)	Electronic Communication Theory
12	7EX03	Computer Organization	3 chances upto Winter-2023	7EX04 P.E. III (iii)	Computer Architecture & Organization
13	7EX04	Power Electronics - II	3 chances upto Winter-2023	7EX05 P.E. IV (ii)	Electrical Drives & Control
14	7EX05	**Prof. Elect. –I:** i) Process Control Systems ii)Power System Simulation iii) High Voltage Engineering iv) Wind Electrical Systems	i) 3 chances upto Winter-2023 ii) 3 chances upto Winter-2023 iii) 3 chances upto Winter-2023 iv) 3 chances upto Winter-2023	i) 8EX03/ 8EE03 P.E.V (ii) ii)8EP02 iii) 8EP03 P.E.V (i) iv) 7EX04 P.E. III (i)	i) Process Control Systems ii) Computer Methods in Power System Analysis iii) High Voltage Engineering iv) Wind & Solar Systems
15	8EX01	**Semester VIII (w.e.f. Summer 2023)** Power System Operation & Control	3 chances upto Summer-2024	5EX04/ 5EP04 P.E.I	i) Power System Operation & Control
16	8EX02	Switchgear & Protection	3 chances upto Summer-2024	8EX03/8EE02 P.E.V (iii)	Switchgear & Protection
17	8EX03	Embedded Systems	3 chances upto Summer-2024	8EX01	Embedded Systems
18	8EX04	**Prof. Elect. –II:** i)Power System Management ii)) Fuzzy Logic & Control iii) RPC & Facts Controller iv) Power Quality	i) 3 chances upto Summer-2024 ii) 3 chances upto Summer-2024 iii) 3 chances upto Summer-2024 iv) 3 chances upto Summer-2024	i)6EE05 O.E.II (i) ii)7EE05 P.E.IV (i) iii) 8EP03 P.E.V (iii) iv) 8EP04 P.E. VI (i)	i) Energy Audit & Management ii)) Artificial Intelligence iii) HVDC & FACTS iv) Power Quality
15	7EP01	**Electrical [Electronics& Power Engg] Semester VII: (w.e.f. Winter 2022)** Control Systems - II	3 chances upto Winter-2023	6EP04 P.E. II (i)	Advanced Control Systems
16	7EP02	Power System Operation & Control	3 chances upto Winter-2023	7EP04 P.E. III iii)	Power System Operation & Control
17	7EP03	Electrical Power - II	3 chances upto Winter-2023	7EP01	Power System ï II
18	7EP04	Switchgear & Protection	3 chances upto Winter-2023	8EP01	Power System Protection
19	7EP05	**Prof. Elect. –I:** (i)Process Control Systems (ii))Computer Organization (iii) Computer Methods in Power System Analysis (iv) Artificial Intelligence	(i) 3 chances upto Winter-2023 (ii) 3 chances upto Winter-2023 (iii) 3 chances upto Winter-2023 (iv) 3 chances upto Winter-2023	**(i)**6EP04 P.E.II (ii) **(ii)**7EX04 / 7EE04 P.E.III (iii) **(iii)** 8EP02 **(iv)** 7EP05 P.E. IV (i)	i) Process Control Systems ii) Computer Architecture & Organization iii) Computer Methods in Power System Analysis iv) Artificial Intelligence
20	8EP01	**Semester VIII (w.e.f. Summer 2023)** Power System Stability	3 chances upto Summer-2024	7EP01	Power System - II
21	8EP02	High Voltage Engineering	3 chances upto Summer-2024	8EP03 P.E. V (i)	High Voltage Engineering
22	8EP03	Digital Signal Processing	3 chances upto Summer-2024	7EP02	Digital Signal Processing

23	8EP04	**Prof. Elect. –II:** i)Electric Drives & Control ii)) Power Quality iii) Embedded Systems iv) Generalized Machine Theory	i) 3 chances upto Summer-2024 ii) 3 chances upto Summer-2024 iii) 3 chances upto Summer-2024 iv) 3 chances upto Summer-2024	i)7EP05 P.E. IV (ii) ii) 8EP04 P.E. VI (i) iii) 8EE01/ 8EX01 iv) --------	i) Electrical Drives & Control ii) Power Quality iii) Embedded Systems iv)Exemption be given

(VII) Chemical Engineering:

Sr No	Old Course Subj Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Sub Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7CH01	**Semester VII:(w.e.f. Winter 2022)** Chemical Engg. Operation III (Mass Transfer II)	3 chances upto Winter-2023	7CH01	Chemical Engineering Operation III (Mass Transfer - II)
2	7CH02/7CT02	Chemical Reaction Engg.- I	3 chances upto Winter-2023	7CH02/7CT02	Chemical Reaction Engg I
3	7CH03	Process Dynamics & Control	3 chances upto Winter-2023	7CH03	Process Dynamics & Control
4	7CH04	**Prof. Elect.- I :** (i)Industrial Waste Treatment (ii) New Separation Techniques (iii)Optimization of Chemical processes (iv) Polymer Science & Technology	(i) 3 chances upto Winter-2023 (ii) 3 chances upto Winter-2023 (iii) 3 chances upto Winter-2023 (iv) 3 chances upto Winter-2023	7CH05 P.E.-I (for all subjects of Prof. Elect. ï I)	(i)Industrial Waste Treatment (ii) New Separation Techniques (iii)Optimization of Chemical processes (iv) Polymer Science & Technology
5	7CH05	Plant Design & Project Engg.	3 chances upto Winter-2023	7CH04	Plant Design & Project Engg.
6	8CH01	**Semester VIII(w.e.f.Summer 2023)** Transport Phenomena	3 chances upto Summer-2024	8CH01	Transport Phenomena
7	8CH02/8CT02	Chemical Reaction Engg.- II	3 chances upto Summer-2024	8CH02	Chemical Reaction Engg.II
8	8CH03	System Modeling	3 chances upto Summer-2024	8CH03	System Modeling
9	8CH04	**Prof. Elect.- II :** (i) Petroleum Processing Technology (ii) Corrosion Engineering (iii)Bio-chemical Engineering (iv) Petroleum Refinery Engg. (v)Bio Fuels (vi)Industrial Piping (vii)Wine Making (viii)Petroleum Technology (ix)Energy Technology & Management (x) Energy & Environment	(i) 3 chances upto Summer-2024 (ii) 3 chances upto Summer-2024 (iii) 3 chances upto Summer-2024 (iv) 3 chances upto Summer-2024 (v) 3 chances upto Summer-2024 (vi) 3 chances upto Summer-2024 (vii) 3 chances upto Summer-2024 (viii) 3 chances upto Summer-2024 (ix) 3 chances upto Summer-2024 (x) 3 chances upto Summer-2024	8CH04 P.E. ï IV: [for all subjects of (i) to (x)]	The student will have to appear to any one subject from the list of subjects as given in Column No. 3 Sr.No.9

(VIII) Chemical Technology (Food, Pulp &Paper, Oil & Paint and Petrochemical Technology):

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Sub Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7CT01	**Semester VII:(w.e.f. Winter 2022)** Mass Transfer	3 chances upto Winter-2023	7CT01	Mass Transfer
2	7CT02/7CH02	Chemical Reaction Engg.- I	3 chances upto Winter-2023	7CT02 / 7CH02	Chemical Reaction Engg.- I
3	7FT03 7PT03 7OT03 7PC03	**Special Tech. – IV:** (i)Food Technology ï IV (ii)Pulp & Paper Technology IV (iii)Oil & Paint Technology IV (iv)Petrochemical Technology IV	(i) 3 chances upto Winter-2023 (ii) 3 chances upto Winter-2023 (iii) 3 chances upto Winter-2023 (iv) 3 chances upto Winter-2023	**Spl.Tech. IV** (i)7FT03 (ii)7PT03 (iii)7OT03 (iv)7PC03	(i)Food Technology ï IV (ii)Pulp & Paper Technology IV (iii)Oil & Paint Technology IV IV) Petrochemical Technology IV
4	7CT04	**Prof. Elect. –I:** (i) Corrosion Engineering (ii) Polymer Science & Engg. (iii)Manmade Fiber Technology (iv) Industrial Waste Treatment	(i) 3 chances upto Winter-2023 (ii) 3 chances upto Winter-2023 (iii) 3 chances upto Winter-2023 (iv) 3 chances upto Winter-2023	7CT04 P.E. - III	i) Corrosion Engineering ii) Polymer Science & Engg. iii)Manmade Fiber Technology iv) Industrial Waste Treatment
5	7FT05 7PT05 7OT05 7PC05	**Special Tech. – V:** (i)Food Technology ï V (ii)Pulp & Paper Technology ï V (iii)Oil & Paint Technology V (iv)Petrochemical Technology V	(i) 3 chances upto Winter-2023 (ii) 3 chances upto Winter-2023 (iii) 3 chances upto Winter-2023 (iv) 3 chances upto Winter-2023	**Spl.Tech. V** (i)7FT05 (ii)7PT05 (iii)7OT05 (iv)7PC05	(i)Food Technology ï V (ii)Pulp & Paper Technology V (iii)Oil & Paint Technology V IV) Petrochemical Technology V
6	8FT01 8PT01 8OT01 8PC01	**Semester VIII [w.e.f. Summer-2023]** **Special Tech. – VI:** (i)Food Technology VI (ii)Pulp & Paper Technology VI (iii)Oil & Paint Technology VI (iv)Petrochemical Technology VI	(i) 3 chances upto Summer-2024 (ii) 3 chances upto Summer-2024 (iii) 3 chances upto Summer-2024 (iv) 3 chances upto Summer-2024	**Spl.Tech. VI** (i)8FT01 (ii)8PT01 (iii)8OT01 (iv)8PC01	(i)Food Technology ï VI (ii)Pulp & Paper Technology VI (iii)Oil & Paint Technology VI IV) Petrochemical Technology VI
7	8CT02/8CH02	Chemical Reaction Engineering - II	3 chances upto Summer-2024	8CT02/8CH02	Chemical Reaction Engg. II
8	8CT03	Plant Design & Project Engineering	3 chances upto Summer-2024	8CT03	Plant Design & Project Engineering
9	8CT04	**Prof. Elect. –II:** (i) Bio-chemical Engineering (ii) Petroleum Processing Engg. (iii)Fuel Technology	(i) 3 chances upto Summer-2024 (ii) 3 chances upto Summer-2024 (iii) 3 chances upto Summer-2024	8CT04 P.E. - IV	i) Bio-chemical Engineering ii) Petroleum Processing Engg. iii)Fuel Technology

(IX) Textile Engineering:

Sr No	Old Course Subj. Code	Old Course Subject (CGS)	Chances to be given up to	Equivalent New Subj. Code	Equivalent New Subject [After exhausting the Chances] (C.B.C.S.)
1	7TX01	**Semester VII:(w.e.f.Winter 2022)** Textile Mathematics	Two (2) chances upto Summer-2023	7TX02	Textile Mathematics
2	7TX02	Textile Testing ï III	Two (2) chances upto Summer-2023	--------	--------
3	7TX03	Chemical Processing ï I	Two (2) chances upto Summer-2023	5TX03	Chemical Processing ï I
4	7TX04	Textile Mill Management	Two (2) chances upto Summer-2023	--------	--------

5	7TX05	**Prof. Elect.- I :** i)Advanced Non-woven Tech. ii) Advanced Knitting Tech.	i) Two (2) chances upto Summer-2023 ii) Two (2) chances upto Summer-2023	i)8TX01 II)7TX01	i)Non-woven Technology ii) Knitting Technology
6	8TX01	**Semester VIII (w.e.f. Summer -23)** Process Control in Textile Manufacturing	Two (2) chances upto Winter -2023	6TX01	Process Control in Textile Manufacturing
7	8TX02	Advanced Fabric Manufacturing Technology	Two (2) chances upto Winter-2023	6TX02	Advanced Fabric Manufacturing Technology
8	8TX03	Chemical Processing ï II	Two (2) chances upto Winter-2023	6TX03	Chemical Processing ï II
9	8TX04	**Prof. Elect.- II :** i) Technical Textiles ii) New Fibre Science	i) Two (2) chances upto Winter-2023 ii) Two (2) chances upto Winter-2023	i)7TX05 II)5TX04	**Prof. Elect.- III :** i) Technical Textiles **Prof. Elect.-I:** ii) High Performance Fibers

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