

NOTIFICATION

No. 95/2015

Date : 9/07/2015

Subject : Ceasation of membership of Dr.K.P. Sarawadekar on the Board of Studies in Electronics, Industrial Electronics & Applied Electronics.

It is notified for general information of all the concerned that the membership of Dr. K.P.Sarawadekar of Xylinx India Technology Services Pvt. Ltd. Hyderabad acquired on the Board of Studies in Electronics, Industrial Electronics & Applied Electronics under provision of clause (d) of sub section (3) of Section (37) of the Maharashtra Universities Act, 1994 has been ceased in accordance with the provision of Section 43 of the above mentioned Act, as he has been joined as Assistant Professor in I. I. T., Banaras Hindu University, Varanasi on 19/11/2014.

By virtue of his membership on the Board of Studies, membership acquired by him on other authorities of the University shall also stand ceased.

Sd/-
Registrar.
Sant Gadge Baba Amravati University

NOTIFICATION

No. 96/2015

Date :- 9/07/2015

Subject :- Chances for the Old Course subjects of B.E. (Information Technology) (CGS) in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the authorities of the University has decide to provide additional chances for the failures of old course failure students of B.E. Semesters VII & VIII (Information Technology)(C.G.S.) as shown below :-

Sr. No.	Semester & name of Subject B.E.(Information Technology)	Chances be given to the students up to
1.	B.E.Sem. VII Object Oriented Analysis & Design	Two additional chances i.e. Winter- 2015 & Summer – 2016 and thereafter be absorbed into new syllabus.
2.	B.E.Sem. VIII (Prof.Elect.-II) (i) Data Warehousing & Data Mining	Three additional chances i.e. Winter- 2015, Summer – 2016 and Winter-2016 and thereafter be absorbed into new syllabus.

Sd/-
Registrar,
Sant Gadge Baba Amravati University

NOTIFICATION

No. 97/2015

Date :- 9/07/2015

Subject :- Continuation of Prospectus No. 11171 prescribed for Semester I & II of B.E.(all branches) /B.Text.E. /B.Tech. (Chem. Engg.)/ B.Tech.(Chem.Tech.) (Polymer)(Plastic) in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the Prospectus No. 11171 prescribed for Semester I & II of B.E.(all branches) /B.Text.E./B.Tech.(Chem.Engg.), B.Tech.(Chem.Tech.) (Poly.)(Plastic) for the session 2010-11 and continued for the sessions 2011-12, 2012-13, 2013-14 and 2014-15 shall be continued for the academic session 2015-2016 with following deletion:-

Sr.No	Reference in Prospectus No.	Deletion
1.	Prospectus No. 11171 Sem. I & II B.E./ B.Text.E. / B.Tech. (Chem.Engg.)/B.Tech.(Poly)(Plastic) Subj- 1A4- Engineering Drawing Unit – II Page No.6	In Unit No. II under the sub-titles b) the sentences given in bracket “(inclined to one plane at a time)” and c) “(Inclined to both the planes)” be deleted.

Sd/-
Registrar,
Sant Gadge Baba Amravati University

NOTIFICATION

No. 98/2015

Date :- 9/07/2015

Subject :- Continuation of Prospectus No. 121741 prescribed for Semester III & IV B.E. in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the Prospectus No. 121741 prescribed for Semester III & IV B.E. (Civil, Mechanical, Electrical(E & P), Electrical & Electronics, Electrical (E & P), Electrical, Electronics & Telecommunications, Electronics, Instrumentation, Computer Sci. & Engg., Computer, Information Technology) for the session 2011-12 and continued for the sessions 2012-13, 2013-14 and 2014-15 shall be continued for the academic session 2015-2016 with following additions /deletions/ substitutions/revised syllabi:-

Sr. No.	Reference in Prospectus No. with Name of Branch & subject	Addition/deletion/substitution/revised syllabi
1.	Prospectus No. 121741 (Sub- 3ME03 Fluid Power- I)	On page No. 21, in Unit No. I , at Sr. No. 2 in 2 nd line, the words “forces on plane and curve surface buoyancy” be deleted and the words “Hydrostatic pressure forces on plane & curved surfaces” be added after the word “manometers”. On Page No. 22, In Unit No.II the words “Eulers equation after Bernaullis Equation, orificemeter and pilot tube after venturimeter” be added after the words “Vortex motion” at last. In Unit No. V , in line No.1, the words” Friction charts and its use” be deleted. In Unit No.VI , at Sr.No.2 in Line 1, the words” Eulers equation” before the words Hydrodynamic Machines be deleted.
2.	Sub - 3ME04 Engineering Thermodynamics	In Unit No. III at Line No.1 on Page No.23, the words ”Application of first law to flow processes W.D. and H.T. during steady flow processes and variable flow processes” be added before the words “First Law”. On Page No.24, In Unit No.VI b) in line No.1 the words ”Vapour Cycles” and the words given in bracket “(No numerical on this unit)” be deleted. In Line No.2, the words “Joules cycle” be replaced by the words “Joules Brayton cycle”. On Page No. 24 in the list of Text Books , the words “Engineering Thermodynamics’ by Yunus A. Cengel and Boles, TMH” be added at Sr.No.3.
3.	Sub -3ME05 Manufacturing Process- I	In Unit No. II at on Page No. 24, the words “Defects in ----- penetrant test” of the whole Para No.2 be shifted in Unit No.3 at Line No.1 before the words “Casting Processes and” . On Page No.25 in Unit No. III at Line No.2, the words ”Die casting - - - - of Foundries” be shifted from Unit III to Unit No. II at Para No.2 . In Unit No. V the words “Submerged arc welding” be added after the words “transfer processes” at the end. In Unit No. VI at line No.1, the words “Submerged arc welding” be deleted. Under the title, Books recommended, Text Books , the words “Workshop Technology’ (Manufacturing Processes) by S.K. Garg” be added at Sr.No. 3 and the words “Production Technology’ by P.C. Sharma” be added at Sr. No. 4. Under the title References , the words ““Production Technology’ by R.K. Jain” be added at Sr.No.5 after Sr.No.4
4.	Sub - 3ME08 Manufacturing Process- I – Lab.	On Page No. 27, Sr.No.1 Under the title 3ME08 Manufacturing Process- I- Lab. At Sr.No. 1 , the words “Study of safety precautions in workshop practices” be substituted by the words “TIG, MIG welding on composite welding job”. At.Sr.No. 2, the words “Casting 1 job” be substituted by the words “Demonstration on casting processes” at last. At Sr.No. 4, the words “One Job on mechanical working of metals like piercing/ drawing/ bending/ embossing/ spinning/ upsetting etc.” be added after Sr.No.3

5.	Sub- 4ME02 Engineering Metallurgy	On Page No. 28, In Unit No. I , at line No. 4, the words “Formation of alloys” and in line No.5 the words “lever rule for phase mixtures” be deleted and the words “Miller Indices” be added at last before the words “dendritic solidification”. In Unit II in line No.1, the words “Lever rule for phase mixtures” be added after the words “invariant reaction”. Under the title, Books recommended : Text Books , the words “Engineering Metallurgy’ by O.P. Khanna” be added at Sr.No.3 after Sr.No.2 on Page No.29.
6.	Sub- 4ME03 Energy Conversion- I	On Page No. 30, in Unit No. I , the words “Vapour power cycle: Rankine & Modified Rankine cycle” be added before the words “various calorimeters” at the end.
7.	Sub- 4ME05 Machine Design & Drawing - I	On Page No. 32, in Unit No. I , under the title 4ME05 Machine Design & Drawing – I , in line No.2, the words “Sectional views with different types of projections” be deleted and the words “Reproduction of missing or orthographic views” be added at the last. In Unit II b) in Line No.2, the words “cone & cylinder” be deleted. On Page No. 33, In Unit No. III -c) in Line No.1, the words ” drawing of riveted joints” , in Unit No.III-d), the words “Welded joints - Symbolic representation” and , in Unit No. III-e), the words “drawing of Knuckle Joints” be deleted. Under the title, Books recommended: Text Books at Sr.No. 1, the words “Engineering drawing’ by N.D. Bhatt, Charator Publication” be deleted and under the title Reference Books , the words & figures “7) ‘Engineering drawing’ by N.D. Bhatt, Charator Publication” be added.
8.	Sub- 4ME10 Machine Design & Drawing – I - Lab	On Page No. 35, in Sr.No. 7, the words “Design and drawing of fly wheel be substituted by the words”Design and drawing of riveted joints” and at Sr.No.5, the words ”or knuckle” be added after the words “of cottor”. The words & figures “Any one practical from 5) and 7) should be performed on CAD software” after the words ”Any one Practical” after S.No.8.
9.	Sub- 3XT5/XN5 Electronics Devices & Components (B.E. Sem. 3 (Extc & Tele.)	On Page No.56 & 57, the old syllabus of the subject 3XT5/XN5 Electronic Devices & Components of B.E. Sem. III(Extc.) is replaced by the revised syllabus which is attached herewith vide“Appendix-A”.
10.	Sub- 4XT2/4XN2 Electronics Devices & Circuits – I (B.E. Sem.-IV- Extc)	On Page No. 59 & 60, the old syllabus of the subject 4XT2/4XN2 Electronic Devices & Circuits-I of B.E. Sem. IV (Extc.) is replaced by the revised syllabi which is attached herewith vide “Appendix-B”.
11.	Sub- 3IT04 Electronic Devices & Ckts. (B.E. Sem. III (I.T.)	On Page No. 96 & 97, the old syllabus of the subject 3IT04 Electronic Devices & Circuits of B.E. Sem. III (I.T.) is replaced by the revised syllabi which is attached herewith vide “Appendix-C”.
12.	Sub- 3IT05 Assembly Language Programming	On Page No. 97 & 98, the old syllabus of the subject 3IT05 Assembly Language Programming of B.E. Sem. III (I.T.) is replaced by the revised syllabi which is attached herewith vide “Appendix-D”.

Sd/-

Registrar,

Sant Gadge Baba Amravati University

NOTIFICATION

No. 99/2015

Date :- 9/07/2015

Subject :- Continuation of Prospectus No. 131741 prescribed for Semester V & VI B.E./B.Arch. in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the Prospectus No. 131741 prescribed for Semester V & VI B.E. (Civil, Mechanical, Electrical(E & P), Electrical & Electronics, Electrical (E & P), Electrical, Instrumentation, Information Technology, Biomedical Engg.) /B.Arch. for the session 2012-13 and continued for the sessions 2013-14, 2014-15 shall be continued for the academic session 2015-2016 with following addition /deletion/ substitutions/ revised syllabi:-

Sr. No.	Reference in Prospectus No. with name of Br. & subject	Addition/deletion/substitution/revised syllabi
1.	Prospectus No. 131741 Sem. V & VI B.E.(Mechanical) Sub- 5ME02 Heat Transfer Page No. 36	On page No. 36, in the list of Reference Books , the words "Fundamentals of Heat & Mass Transfer" by Frank P. Incropera & Devid P. Dewitt, Wily Publication." be added after Sr.No.3.
2.	Sub- 5ME03 Measurement Systems	On page No. 37, in Unit III , the words "Resistance, stain gauge, Mechanical Gauges viz. Diaphragm & elastic pressure elements" be added at Sr.No.1 before the words "Types of strain gauges". At Sr.No.2 in line No.2,the words "Manometers, transducers, elastic, gravitational elastic draft strain gauge pressue cell" be deleted and in Line No.4, the words "Krudsen" be substituted by the words "Knudsen gauge". In Unit IV at Sr.No.3 the words "Dall tube, Yaw tube anemometer, positive displacement flow meter" appearing in line No.1 be deleted and the words "Current meter, hot wire anemometer" be added at last after the words "electro-magnetic flow meter". In Unit V at Sr.No.1 the words "Optical Pyrometer" be added at last. At Sr.No.2, in Line No.3, the words "pubbler or Page system" be replaced by the words "Bubbler or purge system" On page No. 38, in the list of Text Books , at Sr.No.2, the words "Metropolitan Book Co.Pvt.Ltd." be added after the words "By D.S.Kumar". In the list of Reference Books , the words " Instrumentation Handbook be added at Sr. by G.K. Noltingh" No.4 after Sr.No.3.
3.	Sub- 5ME04 Theory of Mac.-I	On page No. 38, in Unit I Sr. No. 2 , in Line No. 1, the words "Kinematic analysis of mechanisms, coupler curves and their properties, radius of curvature of coupler curves" be deleted and the words "Transmission angle & mechanical advantage of 4-bar mechanism" be added in that place. In Unit III , in line No.3, the words "and four position synthesis" be deleted. In Unit IV , in line No.4, the words "& calculation of leading dimensions" be deleted. On page No. 39, in the list of Text Books , the words "Theory of Machines' by S.S. Ratan, Tata McGraw Hill" at Sr.No.1 be deleted. In the list of Reference Books , the words "Theory of Machines & Mechanism' by P.L. Balaney, Khanna Publishers" be added after Sr.No.3 and the words "Theory of Machines' by S.S. Ratan, Tata McGraw Hill" be added after Sr.No.6.
4.	Sub- 5FEME05 (Free Elect.-I) (3) Production Management	On page No. 42, in Unit II at Sr. No.2 Line No.4, the words "Facility payout planning" be substituted by the words "Facility layout planning". In Unit III , In Line No.4, the words "capacity strategies" be substituted by the words "Strategies for modifying capacity". In Unit IV , in line No.5.the word "loading" be substituted by the word "loadings". In Unit V , in Line No.2, the words "Costs modeling" and in Line No. 4 the words "just in time manufacturing" be deleted. The words in line No.1 & 3 "Inventory Control" be replaced by the words "Inventory costs" and the words "Inventory models" be substituted by the words "Inventory modeling". In Unit VI , in Line No.2, the words "Taguchi's off-line quality control methods" be deleted.

5.	Free Elective-I (4) Project Mgmt.	<p>On page No. 43, in Unit I Line No.4, the words “Analysis under high certainty project proposals” be deleted.</p> <p>In Unit II, in line No.1 the words “Organizational form” be substituted by the words "type of organization structure" and the words “Types of conflict function of organization” be added at last.</p> <p>In Unit III, the words “improving the process of cost estimation” be deleted and the words “Project life cycle phases Break even analysis, sensitivity analysis” be added at last.</p> <p>In Unit IV, the words “resource constraints” in Line No. 2 be deleted and the words “managing project resource flow” be added at last.</p> <p>In Unit V, the words “Project audit” in Line No. 3 be deleted.</p> <p>In Unit VI, the words “Multicultural issues” in Line No. 1, “conflict zones in project management” in Line No. 2 and the words “managing project resources flow” in Line No. 3 be deleted and the words “Project proposals, project audit” be added at last in Unit No.VI.</p>
6.	Sub- 6ME01 Fluid Power-II	<p>On page No. 46, in Unit III Sr. No. 3 in Line No.7, the words “Balance equation in cartesian and cylindrical polar co-ordinates” be deleted.</p> <p>On page No. 47, in the list of Reference Books, the words “Fluid Mechanics’ by Yunus Cenjel, John Cimbala, TMH.” be added at Sr.No.5.</p>
7.	Sub- 6ME02 Comp.Software Applcns	<p>On page No. 47, in Unit I in Line No.3, the words “Database design, object based and semi structured databases, data storage and querying, data mining and analysis” be deleted.</p> <p>in Unit II in Line No.2, the words “Entity relational design issues, Extended E-R features, other aspects of database design the unified modeling languages” be added. In line No.2, the words “Additional relational algebra operation, extended relational algebra operation” be deleted and be added in Unit No. III.</p> <p>In Unit V, the whole Unit i.e. the words “Relational Database Design: Features of good relational design, atomic domains and first normal forms, decomposition using functional dependencies, functional dependency theory, decomposition using functional dependencies, decomposition using multi valued dependencies, more normal forms, database design process, modeling temporal data” be deleted and the words “Artificial Intelligence: Introduction to AI, its definition and scope, Knowledge based approach, concept of expert system (ES), Characteristics of ES, Elements of ES, Application and domains of ES” be added in place of deleted portion.</p> <p>On page No.48, in the list of Text Books, the words & figures “3. ‘Artificial Intelligence and Expert System’: D.W. Patterson, PHI, 1992” be added at Sr.No. 4 and in the list of Reference Books, the words “Database Management System express learning IITL education solution limited publication” be added at Sr.No. 4.</p>
8.	Sub- 6ME03 Control System Engg.	<p>On page No. 48, in Unit IV in Line No. 3, the words “systems with transportation lag” be deleted.</p> <p>In Unit VI, in Line No.2, the words “Analysis of performance characteristics” be deleted.</p>
9.	Sub- 6ME04 Theory of Machines - II	<p>On page No. 50, in Unit IV, the total part of Sr.No.2, i.e. the words “Transverse vibrations--- --Dunkerley’s Method be deleted and the words “Torsional Vibration, Single rotor system, two rotor system, three rotor system, geared system” of Sr.No.1 and the words “whirling of shaft and critical speed” of Sr.No.2 of Unit V be added in Unit No. 4.</p> <p>In Unit V, the total part of Sr.No.2 of Unit No.4 i.e. the words “Transverse vibrations--- --Dunkerley’s Method” be added and the words “Torsional Vibration, Single rotor system, two rotor system, three rotor system, geared system” of Sr.No.1 and the words “whirling of shaft and critical speed” of Sr.No.2 of Unit V be deleted from Unit 4.</p> <p>In Unit VI, in Line No.3, the words “Balancing of single cylinder, multi-cylinder and radial engines” be deleted.</p> <p>In the list of Text Books, the words “Theory of machines & mechanism by P.L. Balaney, Khanna Publishers” be added at Sr.No. 4 and the words & figures “1) Theory of Machines by S.S. Ratan, Tata McGraw Hill. be deleted and in the list of Reference Books, the same i.e. the words ”Theory of Machines by S.S. Ratan, Tata McGraw Hill” be added at Sr.No.6.</p>
10.	Sub- 6FEME05 (F.E.-II) (1) Automobile Engineering	<p>On page No.51, in Unit II, in Line No.3, the words “MPFI, CRDI” be deleted.</p> <p>In Unit No. 4, Under Section-B, the words ”Clutch troubles and remedies” of Line No.2 and the words “Hotchkiss drive, torque tube drive” of Line No.4 be deleted.</p> <p>In Unit 5, the words “types of linkages” of Line No.2 and the words “steering gear ratio” of Line No.3 be deleted.</p>

11.	(2) Non Conventional Energy Syst.	On page No.52, in Unit I, the words “Measurement of solar radiation by pyranometer & pyrliometer, sunshine recorder” be added at last. In Unit No. V, Under Section-B, the words “Pyrolysis, Gasifiers types & classifications” of Line No.4 be deleted. On page No. 53, In Unit VI, the words “methods like vapour dominated water dominated” in line No.5 be deleted and the words “Fuel Cells: H ₂ O ₂ type” be added at last. In the list of Reference Books, the words “Non Conventional Energy Utilization’ by R.K. Rajput” be added at Sr.No.5.
12.	Sub- 5IT02 Dig. Int. Circuits 5IT09 Comp. Lab- III (VC++)	On page No. 81, the old syllabus of the subject 5IT02 Digital Integrated Circuits of B.E. Sem. V (I.T.) is replaced by the revised syllabus which is attached herewith vide “Appendix-A”. On page No. 86, Under the title 5IT09 Comp. Lab- III(VC++), the word “VC++” be replaced by the words “PHP based practicals”.
13.	Sub- 6IT02 D.B. M. System 6IT08 Comp.Lab-IV(UML)	On page No. 87 & 88, the old syllabus of the subject 6IT02 Database Management System of B.E. Sem. VI (I.T.) is replaced by the revised syllabus which is attached herewith vide “Appendix-B”. On page No. 90 (b), Under the title 6IT08 Comp.Lab-IV(UML), the words “CLAB-IV(UML)” be replaced by the words “CLAB-V(Content Management System)”.

Sd/-
Registrar,
Sant Gadge Baba Amravati University

Appendix - A

5 IT 02 DIGITAL INTEGRATED CIRCUITS

Unit-I : Review of Boolean Algebra, Boolean Functions & Logic families: Canonical & standard forms. Digital Logic Gates, Digital Integrated Circuits: Special characteristics like fan-out, power dissipation, propagation delay & noise margin. Bipolar transistor characteristics. TTL, ECL, MOS and CMOS families: Basic circuits, operation and typical characteristics.

Unit-II: Simplification of Boolean functions: The K-Map method, Two Variable, Three-Variable, Four-variable & Five-variable K- map, Implementation using logic gates. Tabulation method, Determination of prime implicants. Selection of Prime implicants.

Unit-III: Combinational Logic: Introduction, Design Procedure. Adders, Subtractors, Code Converters. Analysis procedure for Combinational Circuits. Multilevel NAND & Multilevel NOR circuits, Exclusive-OR function: Odd function, Parity generation & checking.

Unit-IV: MSI & PLD components: Introduction, Binary parallel adder, binary adder-subtractor, Decimal adder, BCD adder, Magnitude comparator, Decoders, Encoders. Multiplexers & Demultiplexers. ROM, Various types of ROMs, Programmable Logic Arrays. Programmable Array Logic.

Unit-V: Synchronous Sequential circuits: Introduction, Flip-Flops: basic circuits, RS, JK- Master Slave, D & T- Flip-Flops, Triggering of flip flops. Analysis of clocked sequential circuits. State reduction & assignment. Flip-flop excitation table. Design procedure for Sequential circuit, Design of counters: Ripple counters, Synchronous counters.

Unit-VI: Shift Registers. Types of Shift Register, Random Access Memory (RAM): Static & Dynamic RAM, Algorithmic State Machines: Introduction, ASM charts.

TEXT-BOOKS:

1. M.Morris Mano “Digital Design” (2/e) (PHI)
2. Jain R.P. “Modern Digital Electronics” (TMH).

REFERENCE BOOKS:

1. Charles H.Roth, “Fundamentals of Logic Design” (JPH)
2. Taub & Schilling “ Digital Integrated Electronics” (TMH).
3. Fletcher W.I.”An Engineering Approach to Digital Design” (PHI).

Appendix - B

6IT02 DATABASE MANAGEMENT SYSTEMS

Unit I: Database System Applications, Database Systems versus File Systems, View of Data, Data Models, Database Languages, Database Users and Administrators, Transaction Management, Database System Structure, Application architectures, History of Database Systems. Entity-Relationship Model, Basic Concepts, Constraints, Keys, Design Issues, Entity-Relationship Diagram, Weak Entity Sets, Extended E-R Features, Design of an E-R Database Schema, Reduction of an E-R Schema to Tables.87 88

Unit II: Relational Model: Structure of Relational Databases, The Relational Algebra, Extended Relational-Algebra Operations, Modification of the Database, Views, The Tuple Relational Calculus, The Domain Relational Calculus. , Relational-Database Design:, First Normal Form, Pitfalls in Relational-Database, Design, Functional Dependencies, Decomposition, BCNF, Third, Fourth and more Normal Forms, Overall Database Design Process.

Unit-III: SQL: Basic Structure, Set Operations, Aggregate Functions, Null Values, Nested Sub queries, Views. Integrity and Security, Domain Constraints, Referential Integrity, Assertions, Triggers, Security and Authorization, Authorization in SQL, Encryption and Authentication.

Unit-IV: Query Processing: Overview, Measures of Query Cost, Selection Operation, Sorting, Join Operation, Other Operations, Evaluation of Expressions, Query Optimization: Overview, Estimating Statistics of Expression Results, Transformation of Relational Expressions, Choice of Evaluation Plans, Materialized Views.

Unit-V: Transaction Management: Transaction Concept, Transaction State, Implementation of Atomicity and Durability, Concurrent Execution, Serializability, Recoverability, Implementation of Isolation, Transaction Definition in SQL, Testing for Serializability.

Unit-VI: Concurrency Control: Lock-Based Protocols, Timestamp-Based Protocols, Validation-Based Protocols, Multiple Granularities, Multiversion Schemes, Deadlock Handling, Insert and Delete Operations Weak Levels of Consistency, Concurrency in Index Structures. Recovery System, issues & solutions.

Text Book:

Korth, Sudarshan: Database System Concept, Mc Graw Hill, 4th Edition

Reference Books:

1. Raghu Ramkrishnan: Database system, TMH.
2. C.J.Date : Database System, 8th ed., Pearson.
3. Connolly & Begg, : Database System, 4th Ed.,Pearson.

NOTIFICATION

No. 100/2015

Date :- 9 /07/2015

Subject :- Continuation of Prospectus No. 141712 prescribed for Semester VII & VIII B.E. /B.Text./B.Tech. in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the Prospectus No. 141712 prescribed for Semester VII & VIII B.E. (Production/Electronics & Communication/Electronics/Instrumentation/Computer Sci. & Engg./Compute/ B.Text./B.Tech.(Chemical), B.Tech.(Chem.Tech.)(Polymer)(Plastic),(Food, Pulp & Paper, Oil & Paint and Petrochemical) for the session 2013-14 and continued for the session 2014-15 shall be continued for the academic session 2015-2016 with revised syllabi of following subjects:-

Sr. No.	Ref. in Prospectus No. with name of Br. & Subject	Revised syllabi
1.	B.E. Sem VII & VIII (Extc.) Sub-7XT4 (P.E.I) i) VLSI Design	On page No. 64 & 65, the old syllabus of the subject 7XT4 (P.E.-I) VLSI Design of B.E. Sem. VII (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-A".
2.	Sub-7XT4 (P.E.-I) i)Sat. & Optical Fibre Commun.	On page No. 68 & 69, the old syllabus of the subject 7XT4 (P.E.-I) Satellite & Optical Fibre Communication of B.E. Sem. VII (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-B".
3.	Sub- 8XT2/8XN2 E.C.D.	On page No. 72 & 73, the old syllabus of the subject 8XT2 Electronic Circuit Design of B.E. Sem. VIII (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-C".

Sd/-
Registrar,
Sant Gadge Baba Amravati University

NOTIFICATION

No. 101/2015

Date :- 9/07/2015

Subject :- Continuation of Prospectus No. 131712 prescribed for Semester V & VI B.E./ B.Tech./ B.Text.E. in the Faculty of Engineering & Technology.

It is notified for general information of all concerned that the Prospectus No. 131712 prescribed for Semester V & VI B.E./B.Tech./ B.Text.E. [(Production, Electronics & Telecommunication, Electronics, / Chemical, Chem.Tech.(Poly) (Plastic), Chem.Tech. (Food, Pulp & Paper, Oil & Paint and Petrochemical)] for the session 2012-13 and continued for the sessions 2013-14 and 2014-15 shall be continued for the academic session 2015-2016 with revised syllabi of following subjects:-

Sr.No	Reference in Prospectus No. with name of Br. & subject	Revised syllabi
1.	B.E. Sem V & VI (Extc.) Sub- 5XT1/XN1 E.D.C.-II	On Page No. 44, the old syllabus of the subject 5XT1/XN1 Electronic Devices & Circuits-II of B.E. Sem. III (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-A".
2.	Sub- 5FEXT5/FEXN5 (Free Elect. -I) (i) Consumer Electronics	On Page Nos. 48 & 49, the old syllabus of the subject 5FEXT5/FEXN5 (F.E.-I) Consumer Electronics of B.E. Sem.V(Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-B".
3.	Sub- 5XT5/XN5 (Free Elect.I) (ii) Fibre Optics	On Page No. 49 & 50, the old syllabus of the subject 5FEXT5/FEXN5 (F.E.-I) Fibre Optics of B.E. Sem.V (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-C".
4.	Sub- 6XT2/XN2 L.I.C.	On Page No. 53 & 54, the old syllabus of the subject 6XT2/6XN2 Linear Integrated Circuits of B.E. Sem. III (Extc.) is replaced by the revised syllabus which is attached herewith vide "Appendix-D".

Sd/-
 Registrar,
 Sant Gadge Baba Amravati University

No. 102/2015

Date :- 9/07/2015

**Subject :- Continuation of Prospectus No. 141711 prescribed for Semester VII & VIII
B.E. /B.Arch. in the Faculty of Engineering & Technology.**

It is notified for general information of all concerned that the Prospectus No. 141711 prescribed for Semester VII & VIII B.E. (Civil, Mechanical, Electrical(E & P), Electrical & Electronics, Electrical (E & P), Electrical, Information Technology, Biomedical Engineering) /B.Arch. for the session 2013-14 and continued for the session 2014-15 shall be continued for the academic session 2015-2016 with following addition /deletion/ substitutions:-

Sr. No.	Ref. in Prospectus No. with name of Br. & Subject	Addition/deletion/substitution/revised syllabi
1.	7ME02 Energy Conversion -II	On page No. 45, in Unit III , in line No.7, the words “Need for CFC free refrigerants” be substituted by the words “Need for chlorine free refrigerants”. In Unit No.6, the words “basic concepts of be added after the words “Introduction to” in line No.1.
2.	7ME03 Industrial Mgmt. & Costing	On page No. 46, in Unit III a) in line No.2, the words “Workers participation in management, joint consultation, collective bargaining” be deleted and the words “Introduction to Personnel management” be added at the beginning of Unit III a).
3.	7ME04 Automation Engg	On page No. 47, in Unit II , the words “Programming languages-APT, ADAPT, EXAPT etc. of line No.4, the words “Examples of APT” of line No.7 and the words “Applications & economics of CNC” of the last line of Unit II be deleted and the words “Programming with APT, applications of CNC” be added at last of Unit II. The words "closed systems" be replaced by the words "closed loop and open loop system" of line No.2. In Unit III , the words “Introduction to cybernetics” of line No.1 and the words “Technical specification of robots, robot economics” of line No.7 be deleted. The word “efforts” be replaced by the word “effectors”. On page No. 48, In Unit V , in line No.1, the words “Simulation and analysis of FMS” be deleted. In Unit VI , the words “Machine vision” be added at last. In the list of Reference Books , the words & figures “6. Industrial Robotics by M.P. Groover, TMH” be added after Sr.No.5. In the paper 7ME03 Industrial Mgmt. & Costing , the Unit wise total teaching hours shall be as: Unit I – 10, Unit II – 10, Unit III – 07, Unit IV – 07, Unit V – 07 & Unit VI – 07.
4.	7ME05 (P.E.-I) Non - Conven. Energy Systems	On page No. 48, in Unit II , at line No.1, the words “Reflection and absorption of radiation optical properties of cover systems in transmittance effect of surface layer on transmittance absorptance products” be deleted and the words “Introduction to evacuated tube solar collector” be added at last.
5.	7ME05 (P.E.-I) Tool Engg.	On page Nos. 50 & 51, the old syllabus of the title 7ME05 (P.E.-I) Tool Engineering” be substituted by the revised syllabus which is attached as per Appendix-A .
6.	7ME09 Auton. Engg. – Lab.	In the list of Practicals of the paper 7ME09 Auton. Engg. – Lab., the words “At least six practicals will be based on the following topics” be substituted by the words “At least six practicals (any three from Sr.No.1 to 5 and any three from Sr.No.6 to 10”. The list of the practicals from Sr.No. 1 to 10 be substituted by the new list as given below : “1. Preparation of manual part program for point-to-point control. 2. Preparation of manual part program for two-axis CNC turning operation. 3. Computer aided off-line simulation of CNC machining 4. Programming on NC, CNC machines. 5. Programming examples of APT. 6. Study of construction and working of robots. 7. study of CAPP approaches. 8. Case study of grouping of work parts using coding techniques 9. Study of configuration and working of flexible Manufacturing Cell 10. Study of computer aided quality control

7.	7ME10 (P.E.I) Tool Engg. -Lab.	In the list of Practicals of the paper 7ME10 Tool Engg.- Lab., the words “Any Eight” be substituted by the words “Any six”. The old list of the practicals from Sr. No. 1 to 10 be substituted by the new list as given below : “1. Measurement of forces in orthogonal cutting by lathe tool dynamometer. 2. Measurement of forces & torque in drilling by drill tool dynamometer. 3. Design & drawing of single point cutting tool 4. Design & drawing of form tools (by graphical method) 5. Study of geometric elements & forces in multi point cutting tool. 6. Design & drawing of post drill jigs. 7 Design & drawing of turnover drill jigs. 8. Design & drawing of milling fixture 9. Design & drawing of turning fixture 10. Design & drawing of compound die 11. Design & drawing of progressive die 12. Design & drawing of drawing die
8.	8ME02 (P.E.-III) (i) Refrigeration & A/c.	On page No. 61 & 62, the old syllabus of the title “ 8ME02 (P.E.-III) Refrigeration & A/c. ” be replaced by the new syllabus which is attached herewith vide Appendix-A.
9.	8ME02 (P.E.-III) (iv) Robotics	On page No. 65, in Unit II , at line No.4, the words “Joint notation schemes” be deleted and the word ”value” be replaced by the word ”volume”. In Unit III , the words “Interlocking sensor commands, work cell controller” be added at last after the words “programming methods”. In Unit IV , in line No.4, the words “Robot environment and robot input/output interfaces machine intelligence” be deleted. In Unit VI , the words “Comparison & features of robots for various applications, Introduction to robot programming languages AL, VAL, MCL, RAIL” be added at last after the words “flow method”. In Line No.2, the words “Robot investment coats” be replaced by the words “Robot investment costs”. On page No. 66, in the list of Text Books , the words & figures “3. ‘Robotics’ by Niku” be added after Sr.No.2 and in the list of Reference Books , the words & figures “4.Robotics by Lee” be added after Sr.No.3.
10.	7IT02 O.O.A.D.	On page Nos. 168 & 169, the old syllabus of the subject 7IT02 Object Oriented Analysis & Design of B.E. Sem. VII (I.T.) be replaced by the revised syllabus which is attached herewith vide “ Appendix-A ”.
11.	7IT05 (P.E.-I) Distributed D.B.M.S.	On page Nos. 171 & 172, the old syllabus of the subject 7IT05 Distributed D.B.M.S. of B.E. Sem. VII (I.T.) be replaced by the revised syllabus which is attached herewith vide “ Appendix-B ”.
12.	8IT04 (P.E.-II) Data Warehousing & D.M.	On page Nos. 180 & 181, the old syllabus of the subject 8IT04 Distributed Data Warehousing & Data Mining of B.E. Sem. VIII (I.T.) is replaced by the revised syllabus which is attached herewith vide “Appendix-C”.
13.	8IT07 Comp. Lab-V	ON page No. 184, in the title of the paper 8IT07 Comp. Lab-V , the word “ Lab-V ” be replaced by the word “ Lab-IV ”.

Sd/-
 Registrar,
 Sant Gadge Baba Amravati University
