

NOTIFICATION

No. 96 / 2017

Date: 3/08/2017

Subject : Continuation of Prospectus No.2014121 prescribed for B.Sc.Part-I (Sem.II) for the Session 2017-18.

It is notified for general information of all concerned that the Prospectus prescribed for B.Sc.Part-I (Sem.II) bearing No. 2014121 shall continue for the session 2017-18 along with the changes in the syllabi as given in the following Table.

Sd/-
I/c Registrar
Sant Gadge Baba Amravati University

TABLE

1	2	3
1	B. Sc.-I (Microbiology) Semester-II Prospectus No.: 2014121 Page No.160	Under the title "Distribution of Marks" following corrections be made. i) In Sr.No. 3. Viva-voce, "8 Marks" be substituted by the "10 Marks". ii) In Sr.No. 4. Spotting, "7 Marks" be substituted by the "10 Marks". iii) The Sr.No. 6. be deleted completely.

NOTIFICATION

No. 97/ 2017

Date: 3/08/2017

Subject : Continuation of Prospectus No.2015122 prescribed for B.Sc.Part-II (Sem.III) for the Session 2017-18.

It is notified for general information of all concerned that the Prospectus prescribed for B.Sc.Part-II (Sem.III) bearing No. 2015122 shall continue for the session 2017-18 along with the changes in the syllabi as given in the following Table.

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TABLE

1	2	3
1	B. Sc.-II (Microbiology) Semester-III Prospectus No.: 2015122 Page No.114 <u>Line No. 29</u>	In Unit-V b) - the word & signs "λ??DNA" be substituted by the words & sign "λDNA"

NOTIFICATION

No. 98 / 2017

Date: 3/08/2017

Subject : Continuation of Prospectus No.2016123 prescribed for B.Sc.Part-III (Sem.V & VI) for the Session 2017-18.

It is notified for general information of all concerned that the Prospectus prescribed for B.Sc.Part-II (Sem.V & VI) bearing No. 2016123 shall continue for the session 2017-18 along with the changes in the syllabi as given in the following Table.

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Sant Gadge Baba Amravati University

TABLE

Sr. No.	Reference in the Prospectus	Additions/Deletions/Substitutions in the Prospectus
1	2	3
1	B. Sc. Final Microbiology Semester-V Prospectus No.: 2016123 Page No.115 <u>Line No. 14 to 33</u>	<u>Practicals given for the subject Microbiology be substituted by the following practicals :</u> Microbiology Practicals : 1. Quantitative examination of water by standard plate count 2. Bacteriological analysis of water by multiple tube dilution (MPN) for coliforms 3. IMViC test for coliforms 4. Bacteriological analysis of water by membrane filter technique for coliforms. 5. BOD estimation 6. Isolation of bacteriophages from sewage. 7. Determination of chlorine demand and residual chlorine. 8. Enumeration of soil microorganisms by standard plate count method 9. Isolation of Azotobacter from soil. 10. Isolation of Rhizobium from soil. 11. Isolation of antibiotic producers from soil. 12. Effect of ultraviolet light/filtration on microorganisms in water. 13. Separation of amino acids and sugars by paper chromatography.
2	B. Sc. Final Microbiology Semester-VI Prospectus No.: 2016123 Page No.119 Lines No. 12 to 33	<u>Practicals given for the subject Microbiology be substituted by the following practicals :</u> Microbiology Practicals : 1. Microbiological examination of milk by standard plate count method. 2. Microbiological examination of milk by Methylene Blue Reduction Test (MRRT) 3. Testing of effectiveness of pasteurization process by phosphatase test 4. Testing of milk for adulteration. 5. Test for coliforms in milk 6. Laboratory scale production, recovery and quantitative estimation of – 1) ethyl alcohol 2) citric acid 3) amylase 7. Production of curd/pickles/cheese by microorganisms. 8. Production of wine from grapes/ other raw materials. 9. Microbiological examination of vegetables by plate count and test for coliform bacteria, yeast and molds . 10. Microbiological examination of fruits by plate count and test for coliform bacteria, yeast and molds . 11. Microbiological examination of fast foods by plate count and test for coliform bacteria, yeast and molds .
