Odd Semester Lesson Plan

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**PAPER –I DIVERSITY OF MICROBES**

October 2020

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| **Bacteria :** Structure, nutrition, reproduction and economic importance; general account of  cyanobacteria (with reference to *Nostoc*).  **Algae:** General characters, classification (upto classes) and economic importance; important features  and life-history (excluding development) of *Volvox* |

November 2020

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| *Oedogonium* (Chlorophyceae), *Vaucheria*  (Xanthophyceae), *Ectocrpus* (Phaeophyceae) and *Polysiphonia* (Rhodophyceae). |

December 2020

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| **Viruses:** General account of Viruses including structure of TMV and Bacteriophages.  **Fungi:** General characters, classification (upto classes) and economic importance; important features  and life-history of *Phytophthora* (Mastigomycotina), *Mucor* (Zygomycotina) |

January2021

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| *Penicillium*  (Ascomycotina), *Puccinia*, *Agaricus* (Basidiomycotina), *Colletotrichum* (Deuteromycotina); |

February 2021

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| General  account of Lichens. |