**Biology for Engineers: T2 Power Point Presentation and Report Writing 20M**

Following are Some Engineering Interventions that have helped biological and health Sciences. You have to make a presentation with maximum of 10 slides and write a summary report of 1-2 page/s (A4 Size, typed).

Your presentation must contain:

1. Introduction of the topic
2. Explanation/application
3. Summary
4. References

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| **Sr No** | **Topic** |
| **1** | **Neural Networks and AI: similarity with Biological neurons** |
| **2** | **Ophthalmic interventions: Lens and Lasik surgery** |
| **3** | **Auditory Interventions: Cochlear implants** |
| **4** | **Biosensors** |
| **5** | **Nanorobots in diagnosis and therapy** |
| **6** | **Arrhythmias and treatment** |
| **7** | **Heart Lung Machine** |
| **8** | **ECG, EMG, EEG** |
| **9** | **Diagnostics: Radiography** |
| **10** | **Diagnostics: MRI/CT scan** |
| **11** | **Artificial Leaf** |
| **12** | **Nanotechnology for Environment** |
| **13** | **Nanotechnology in Agriculture** |
| **14** | **Biomimetics: Biologically inspired Technologies** |
| **15** | **Anesthesia** |
| **16** | **Fuel Cell using Micro-organisms** |
| **17** | **Dialysis** |
| **18** | **Scope of Computational Biology** |

**Instructions:**

1. Work in Groups of 10 members each. Form groups and **fill details of group members with name and MIS, in front of topic of interest, on shared google sheet.**
2. Submit PDF with file name as: **Group No\_branch (and division in case of COMP students)**
3. PDF should be a **merged document of PPT and Report.**
4. **Upload on your branch specific link on moodle and only once**; by anyone of the group member**.**
5. **Marks will be deducted if submission is not done according to instructions.**