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| **Week** | **Topic name** |
| 1 | S 1. Global Environmental Problems |
| 2 | S 2. Microbes and Environment |
| 3 | S 3. Use of plants for bioremediation |
| 4 | S 4. Use of yeast for removal of textile dyes from polluted waters |
| 5 | S 5. Metal tolerance and resistance by microbes |
| 6 | S 6. A low-cost nature's biotechnology for environmental clean-up by versatile microbes |
| 7 | S 7. Microbial destruction of toxic organics and hazardous wastes |
| 8 | S 8. Biofilms |
| 9 | S 9. Microbes degrading bio-plastics |
| 10 | S 10. Anaerobic degradation |
| 11 | S 11. Biofertilizers |
| 12 | S 12. Bioindicators: the natural indicator of environmental pollution |
| 13 | S 13. Role of genetic engineering in environmental biotechnology |
| 14 | S 14. Microbial production of cleaner energy |
| 15 | S 15. Use of microorganisms for enhanced oil recovery |