

I.P. College, Bulandshahr

Department of Botany

Syllabus Distribution for Session 2024-25

Dated - ...13.8.24.....

सभी शिक्षक साथी संज्ञान लें कि बी0एस-सी0 के विभिन्न सेमेस्टरों के विषयों का वितरण निम्नानुसार है -

B.Sc. Sem. I (Botany)

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| 1- Introduction to Indian ancient, Vedic and heritage Botany, Microbial Techniques & Instrumentation. | Part Time Teacher |
| 2- Microbial World | Ms. Shikha Rajput |
| 3- Phycology | Dr. Ram Kumar |
| 4- Mycology | Prof. Poonam Paliwal/Mr. Munesh |
| 5- Mushroom Cultivation, Lichenology & Mycorrhiza | Dr. Yashwant Rai |
| 6- Plant Pathology | Prof. Poonam Paliwal/Mr. Munesh |
| 7- Disease and Control | Dr. Yashwant Rai |
| 8- Applied Microbiology | Part Time Teacher |

B.Sc. Sem. II (Botany) - B040201 T

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|---|---------------------------------|
| 1- Introduction to Archegoniates & Bryophytes | Ms. Shikha Rajput |
| 2- Pteridophytes | Prof. Poonam Paliwal/Mr. Munesh |
| 3- Gymnosperms | Dr. Yashwant Rai |
| 4- Palaeobotany | Dr. Yashwant Rai |
| 5- Angiosperm Morphology | Dr. Ram Kumar |
| 6- Plant Anatomy | Dr. Ram Kumar |
| 7- Reproductive Botany | Part Time Teacher |
| 8- Palynology | Part Time Teacher |

B.Sc. Sem. III (Botany) - B040301 T

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|--|---------------------------------|
| 1- Taxonomic Resources & Nomenclature | Dr. Yashwant Rai |
| 2- Types of classification & Evidences | Part Time Teacher |
| 3- Identification of Angiospermic families - I | Ms. Shikha Rajput |
| 4- Identification of Angiospermic families - II | Dr. Ram Kumar |
| 5- Phylogenetic systematics | Prof. Poonam Paliwal/Mr. Munesh |
| 6- Tools & Softwares in Plant Identification | Part Time Teacher |
| 7- Computer usage, Android applications & Character Analysis | Part Time Teacher |
| 8- Aesthetic Characteristics of Plants | Part Time Teacher |

B.Sc. Sem. IV (Botany) - B040401 T

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| 1- Origin & domestication of cultivated plants | Dr. Ram Kumar |
| 2- Botany of oils, fibers, timber yielding plants & dyes | Ms. Shikha Rajput |
| 3- Commercial production of flowers, vegetables & fruits | Dr. Ram Kumar |
| 4- IPR & Traditional knowledge | Prof. Poonam Paliwal/Mr. Munesh |
| 5- Ethnobotany | Dr. Yashwant Rai |
| 6- Medicinal aspects | Dr. Yashwant Rai |