

Mapping of the courses to Employability



Hindi Vidya Prachar Samiti's
Ramniranjan Jhunjhunwala College
Of Arts, Science & Commerce
(Autonomous College)

Affiliated to
UNIVERSITY OF MUMBAI

Mapping of the courses to Employability

Program: M.Sc. BOTANY

Program Code: RJSPGBOT

(CBCS 2020-2021)

Mapping of the courses to Employability**Mapping of the courses to Employability / Entrepreneurship / Skill Development****Name of the Program M.Sc Botany****Name of the Program M Sc Botany**

Class	Course Name	Course Code	Topics focusing on Employability / Entrepreneurship / Skill development	Employability / Entrepreneurship / Skill development
M Sc	Botany	RJSPGBOTP101	Identification of algae and fungi from diverse environment, mycorrhiza, plant pathology	1. Employability in nutraceuticals, biofertilizer industries. 2. Entrepreneurship in green manure production
M Sc	Botany	RJSPGBOTP102	Angiosperms identification of plants, taxonomic positioning of plants	1. Employability 2. Writing Skills 3. Analytical skills 4. Entrepreneurship organizer of Field trip, ecotourism
M Sc	Botany	RJSPGBOTP103	Plant physiology experiments based to quantify proteins, amino acids, fatty acids, using analytical instruments, qualitative analysis using chromatographic techniques	1. Analytical Skills 2. Interpretation Skills 3. Technical skills employability in research labs
M Sc	Botany	RJSPGBOTP104	Techniques to study chromosomes, preparation of stains and fixatives	1. Analytical Skills 2. Technical skills employability in research centers

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				3. Interpretation Skills
M Sc	Botany	RJSPGBOT202	Developmental Biology, Palynology , regulation of photosynthesis	1. Analytical skills to understand how to identify the pollen grains and correlate with allergies
M Sc	Botany	RJSPGBOTP 203	Environmental Botany and statistical tools for data analysis	1. Analytical skills for conservation of environmental and data analysis
M Sc	Botany	RJSPGBOTP 204	Pharmacognosy, genetics and research methodology	1. Employability skills in companies involved in naturals, research laboratories and
M Sc	Botany	RJSPGBOT301 & RJSPGBOTP301 RJSPGBOT302 & RJSPGBOTP 302 RJSPGBOTPPB303/ RJSPGBOTMCB303 RJSPGBOTPPBP303/ RJSPGBOTMCBP303 RJSPGBOTPPB304/ RJSPGBOTMCB304 RJSPGBOTPPBP304/ RJSPGBOTMCBP304	Techniques and Instrumentation, molecular Biology, Plant Biochemistry, Plant Biotechnology, Molecular biology, practicals based on usage of analytical instruments, molecular biology techniques.	1. Employability skills in handling Instruments, documentation of IPR 2. Employability skills essential subject knowledge for teaching 3. Analytical skills for employability in research laboratories, diagnostic laboratories. 4. Laboratory skills for pursuing a research career
		RJSPGBOT401 RJSPGBOT402	Internship, Project Dissertation, thesis preparation evaluation and presentation	1. Employability skills, team work, interpersonal skills 2. To enable easy transition from campus to workplace

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