

S. P. Mandali's
Ramnarain Ruia Autonomous College
(Affiliated to University of Mumbai)



Syllabus for
GENERIC ELECTIVE (for BA students)

(As per the guidelines of National Education Policy 2020
Academic year 2023-24)

(Choice based Credit System)

COURSE OUTLINE

GENERIC ELECTIVE

Course Code: RUSGEBOT.O101

Course Title: Plants in Festivals of Maharashtra

Academic year 2023-24

| Course Code | Unit | Plants in Festivals of Maharashtra | Credits/Hours |
|---------------|------|-------------------------------------|---------------|
| RUSGEBOT.O101 | I | General Concepts | 2Cr 15 hrs |
| | II | Botanical Heritage and conservation | |

COURSE OUTCOMES:

| COURSE OUTCOME | DESCRIPTION |
|----------------|---|
| | A student completing this course will be able to: |
| CO 1 | Reconnect with nature and realise the intricate relationship of our traditional systems with nature. |
| CO 2 | Appreciate the floral diversity of Maharashtra and learn about the common plants used in social, cultural and religious ceremonies. |
| CO 3 | Correlate importance of plant heritage with life styles and analyse the significance in Vedic astrology. |
| CO 4 | Correlate the extent of degradation in the floristic components due to climate change and anthropogenic activities and adopt and evolve strategies to conserve endangered flora |

DETAILED SYLLABUS

| Course Code | Unit | Plants in Festivals of Maharashtra | Credits/ Hours |
|---------------|---------|--|-----------------------|
| RUSGEBOT.O101 | Unit I | General Concepts | 2Cr 15 hrs |
| | | <ul style="list-style-type: none"> ● Role of plants in human culture References of plants in literature/art/culture/caves/religious celebrations. ● Socio-Cultural and Religious significance of plants in Maharashtra <ul style="list-style-type: none"> i) Important festivals in Maharashtra and plants used ii) Flowers used in social and cultural celebrations iii) Fruits and seeds used in social and cultural celebrations | |
| | Unit II | Botanical Heritage and conservation | 15 hrs |
| | | <ul style="list-style-type: none"> ● Heritage Trees ● Significance of Plants in Vedic Astrology, their Socio-Religious Beliefs, Conservational and Therapeutic aspects ● Over exploitation of wild plants ● Diversity and conservation of plants of Socio-Cultural and Religious importance <ul style="list-style-type: none"> i) Devarai ii) Documentation of floristic diversity – PBR iii) TKDL iv) Your responsibility- as a citizen of Maharashtra | |

References:

- Jain S. K. and Rao R. R. 1967. A handbook of field and herbarium methods, Today and Tomorrow Printers and Publishers, New Delhi. Manandhar N. P. 2002. Plants and People of Nepal. Timber press, Inc Portland, Oregon USA.
- Nadkarni A.K. 1995, Indian material Medica (Vol. I to II Popular Prakashan Pvt. Ltd, Bombay.
- Patil, D. A. , Patil,P., Aher U.P. (2010) Ethnobotany of Buldhana District Maharashtra Daya Publishing House, ISBN-10 : 8170356741, ISBN-13 : 978-8170356745
- Patil M. V (2009) Ethnobotany of Nasik Districts Maharashtra, Daya Publishing House, ISBN-10 : 9788170354383, ISBN-13 : 978-8170354383
- Pradeep Sachdeva (2016) A Naturalist's Guide to the Trees & Shrubs of India (Naturalist's Guides) Paperback John Beaufoy Publishing Ltd, ISBN-10: 1909612820, ISBN-13: 9781909612822

- Rajendra D Shinde and Kalpit Ganesh Mhatre (2016) Ethno Medicinal Plants of Raigad District, Maharashtra, Dattsons Publishers, ISBN: 9788171921232
- Shrikant Ingalhalikar (2022) Leaf Based Identification For Trees Of Sahyadri Forest, Mangrove And Urban Trees Of Western Ghats In South Gujarat, Maharashtra, Goa And North Karnataka (Second Edition) Corolla Publications.
- Singh N. P. and Kartikeyan S. 2000. Flora of Maharashtra State (Dicotyledones), Vol.1. Botanical Survey of India.
- Singh N.P., Lakshminarasimhan P., Kartikeyan S. and Prasanna P.V. 2001. Flora of Maharashtra State (Dicotyledons), Vol. 2. Botanical Survey of India.
- Waman M.B., Wagh B.D. and Dandawate S.C. 2013. Floristic composition of Marutiban sacred grove of Kalsubai Harishchandragarh wild life sanctuary, Flora and Fauna, 19(1): 63 – 65.

Modality of Assessment GE (2 credit course Theory)

A) Internal Assessment- 40%- 20 Marks

| Sr No | Evaluation type | Marks |
|-------|-----------------|-----------|
| 1 | Class Test | 20 |
| | TOTAL | 20 |

B) External Examination (Semester End)- 60%- 30 Marks

Semester End Theory Examination:

1. Duration – The duration for these examinations shall be of **one hour**.
2. Theory question paper pattern:

Paper Pattern:

| Question | Options | Marks | Questions Based on |
|----------|------------------------|-----------|--------------------|
| Q.1 | Attempt ANY 3 out of 4 | 15 | Unit I |
| Q.2 | Attempt ANY 3 out of 4 | 15 | Unit II |
| | TOTAL | 30 | |

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