ST. JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS) VISAKHAPATNAM

B.SC.(HONORS) AGRICULTURE AND RURAL DEVELOPMENT WITH SINGLE MAJOR

# II SEMESTER AGRICULTURE AND RURAL DEVELOPMENT Time:2hrs/week

HORD182P (1)  **PRODUCTION TECHNOLOGY FOR MEDICINAL & AROMATIC PLANTS**Marks:50

w.e.f AK 2023-2024 (Admitted batch) **PRACTICAL** **SYLLABUS**

**OBJECTIVES:**

* To Identify medicinal and aromatic plants
* To prepare and planting of medicinal and aromatic crops.
* Plant protection of medicinal and aromatic crops
* Processing of medicinal and aromatic crops.

**COURSE OUTCOMES:**

**CO1:** Students will be able to understand the importance and research institutes in our country

**CO2:** Students will understand about Production technology of medicinal and aromatic crops

**CO3:**  Plant Protection of medicinal and aromatic crops

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| **EXPERIMENTS**:  1. Seed propagation-Scarification and stratification of seeds.  2.Collection of locally available medicinal plants, aromatic plant description and preparation of herbarium  3.Harvesting Processing techniques for important medicinal plants  4. Propagation and nursery techniques for important aromatic plants.  5. Harvesting techniques for important aromatic plants  **REFERENCES TEXT BOOKS:**   * Atul, C.K. and Kapur, B.K. (1982). Cultivation and utilization of medicinal plants. RRL., CSIR, Jammu-Tawi. * Chopra, R.N., Nayar, S.L. and Chopra, I.C. (1956). Glossary of Indian medicinal plants. CSIR, New Delhi. * Cunningham, A. 2014. Applied Ethnobotany: "People, Wild Plant Use and Conservation". Taylor & Francis, * EIRI Board. (2007). Handbook of Medicinal and Aromatic Plants: Cultivation, Utilisation and Extraction Ethnobotany. Principles and applications. (1997). * C. M. Cotton. John Wiley and Sons Ltd. 424p. Gunther, E. (1975). The essential oils. Robert, K Krieger Pub. Co., New York. Jain, S.K. 2010. Manual of Ethnobotany (2nd Ed). Scientific Publishers, India, 242p. * Maheshwari, J.K. 2000. Ethnobotany and medicinal plants of Indian subcontinent. Scientific Publishers, Jodhpur, India, 672p * Atul, C.K. and Kapur, B.K. (1982). Cultivation and utilization of medicinal plants. RRL., CSIR, Jammu-Tawi. * Chopra, R.N., Nayar, S.L. and Chopra, I.C. (1956). Glossary of Indian medicinal plants. CSIR, New Delhi. * Cunningham, A. 2014. Applied Ethnobotany: "People, Wild Plant Use and Conservation". Taylor & Francis, * EIRI Board. (2007). Handbook of Medicinal and Aromatic Plants: Cultivation, Utilisation and Extraction Ethnobotany. Principles and applications. (1997). * Maheshwari, J.K. 2000. Ethnobotany and medicinal plants of Indian subcontinent. Scientific Publishers, Jodhpur, India, 672p   \*\* \*\* \*\* |  |
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