

| Broad Area of Vocational Course : Medicinal and Aromatic plants | | | | |
|---|---|---------------------|--------------------------------|-----------------|
| Vocational Course Title : Cultivation And Utilization Of Medicinal And Aromatic Plants | | | | |
| Nature of Vocational Course : Independent for Semester | | | | |
| Course Developed Institute/College : | | | | |
| Number of Seats..... Course Fees..... | | | | |
| Course Code: | | Credits: 03 | | |
| Course Outcomes: 1. Students will be able to learn and carry out the farming methods. 2. Students will be able to explore the knowledge of traditional plants 3. Students will be able to use them economically for the benefit of the society. | | | | |
| Max. Marks: 25+75 | | Min. Passing Marks: | | |
| Total No. of Lectures-Tutorials-Practical (in hours per week): L-T-P: 1-0-2 | | | | |
| Unit | Theory Topics | No. of Lectures | Practical/Internship/ Training | No. of Lectures |
| I | Introduction – Indian System of Medicine, Medicinal Botany | 2 | | |
| II | Cultivation and Utilization of Medicinal and Aromatic Plants. | 4 | 8 (16 Hours) | |
| III | Processing and Medicinal Uses of Herbal Plants Cultivation and Utilization of Medicinal and Aromatic Plants. | 3 | 8 (16 Hours) | |
| IV | Screening and Standardization of Herbal Drugs. | 2 | 5 (10 Hours) | |
| V | Neutraceutical (Natural Plant Products & Ethnobotany) | 3 | 5 (10 Hours) | |
| VI | Quality Control of Herbal Medicine | 1 | 4 (8 Hours) | |
| Suggested Readings: | | | | |
| 1. Aromatic & Medicinal plants – Dr. M.P. Shiva, Alok Lehri, and Ms. Alka. | | | | |
| 2. Indian Medicinal Plants – R.P. Rastogi and B.N. Malhotra. | | | | |
| 3. Cultivation of Medicinal and Aromatic Crops – Farooqui Sreeramu. | | | | |
| 4. Handbook of medicinal plants – S.K. Bhattachariya. | | | | |
| 5. Quality control and standardization of herbals – Dr. Dillip Kumar Jena, Dr. Pankaj Pradhan | | | | |
| This course can be opted as an vocational course by the students of following subjects: Open for all | | | | |
| Suggested Continuous Evaluation Methods: Projects from the topics of the course | | | | |
| Course Pre-requisites: To study this course, a student must have the subject Any in class/12 th /certificate/diploma. | | | | |
| Suggested equivalent online courses:..... | | | | |
| Further Suggestions:..... | | | | |
| Skill/Training Partner:..... | | | | |
| Expected Fields of Occupation: Entrepreneur, Neutraceutical, Food Industry. | | | | |

At the End of the whole syllabus any remarks/ suggestions: