D.B.F. Dayanand College of Arts and Science, Solapur

COURSE OUTCOME

B.A. / B.Sc. / M.A. / M.Sc. **: B.Sc.**		
NAME OF SUBJECT **: Botany**		
SEM I / II / III / IV / V / VI **: IV**		
COURSE NUMBER (PAPER NUMBER) **: VIII**		
TITLE OF COURSE (NAME OF PAPER) **:.Economic Botany**		
COURSE CONTENT	**OBJECTIVES**	**OUTCOME**
Unit 1: Botanical names, Morphology, source and economic importance of followings-Legumes-Pulse crops- chickpea (Bengal gram), red gram and fodder legumes – Lucerne and Sesbania.	To get the knowledge about the legumes and fodder legumes.	The student can understand about the Legumes and fodder legumes.
Unit 2: Plant Fibers- Morphology, source and economic importance of followings-cotton and coir	To get the knowledge about the plants used as fibers.	The student can understand about the Plant fibers.
Unit 3: Vegetable oil sources 3.1Botanical name, source and economic importance of – Groundnut, Soybean. 3.2 Brief account of cultural practices of Groundnut & Soybean	To get the knowledge about the oil yielding plants.	The student can understand about the Oil yielding plants.
Unit 4: Medicinal plants- A brief account of plant drugs and their chief constituents used in Indigenous and	To get the knowledge about the different medicinal plants.	The student can understand about the different medicinal plants.

allopathic systems in – A) **Rhizome** – *Zingiber officinale* B**) Root** –, *Withania somnifera* C) **Stem** – *Tinospora cordifolia* D) **Leaf** –*Adhatoda zeylanica* E) **Floral bud** – *Syzigium aromaticum* F) **Fruit** – *Emblica officinalis*		
Unit 5: Natural Products- 5.1: Rubber-Introduction, properties of rubber, source, morphological characters, extraction method and economic importance. 5.2: Botanical pesticides- Introduction- Botanical name, morphological characters, source and importance of Neem, Tobacco, Custard apple. 5.3: Plant Dyes- Botanical name, source and economic importance. a) Wood-Logwood, Kutch b) Bark- Oak, Teak c) Root and rhizome- manjista, turmeric	To get the knowledge about the natural product rubber.	The student can understand about the natural product rubber.

Signature of HOD