



**B. A. College of Agriculture
Anand Agricultural University
Anand-388 110**

Read: Resolution of 42nd meeting of the Academic Council held on 06-06-2016, Anand Agricultural University, Anand vide Item No. 42.16.

Revision in syllabus of course FSC-504 (1+1)

NOTIFICATION

It is hereby notified to all concerned that vide Item No. 42.16 of the 42nd meeting held on 06-06-2016, the Academic Council of the Anand Agricultural University has resolved as under:

"It is resolved that the Academic Council approves the revised syllabus of PG course FSC-504 (1+1) which includes topics on Pomegranate and Phalsa (Appendix-I) w.e.f. 2016-17 Even Semester".

No. AAU/BACA/PGT/ 2932 /2016
Date : 22/06/2016

K.P.
PRINCIPAL & DEAN

Copy F.W.Cs. to:

- (1) All members of Academic Council of this University.
- (2) All officers of this University
- (3) All Deans and Principals, AAU, Anand

Copy to:

- (1) P.S. to Vice-Chancellor, Anand Agricultural University, Anand
- (2) P.A. to Registrar, Anand Agricultural University, Anand
- (3) Office of Registrar (Examination), Legal and Academic Branch (10 copies)

Approved Syllabus of FSC 504

FSC 504 CANOPY MANAGEMENT IN FRUIT CROPS (I+1)

Objective

To impart knowledge about the principles and practices in canopy management of fruit crops.

Theory

UNIT I

Canopy management - importance and advantages; factors affecting canopy development.

UNIT II

Canopy types and structures with special emphasis on geometry of planting, canopy manipulation for optimum utilization of light. Light interception and distribution in different types of tree canopies.

UNIT III

Spacing and utilization of land area - Canopy classification; Canopy management through rootstock and scion.

UNIT IV

Canopy management through plant growth inhibitors, training and pruning and management practices.

UNIT V

Canopy development and management in relation to growth, flowering, fruiting and fruit quality in grapes, passion fruits, mango, sapota, guava, citrus, ber, pomegranate and phalsa.

Practical

Study of different types of canopies, training of plants for different canopy types, canopy development through pruning, use of plant growth inhibitors, geometry of planting; study on effect of different canopy types on production and quality of fruits.

Suggested Readings

Chadha KL & Shikhamany SD. 1999. *The Grape, Improvement, Production and Post Harvest Management*. Malhotra Publ. House.

Pradeepkumar T, Suma B, Jyothibhaskar & Satheesan KN. 2008. *Management of Horticultural Crops*. New India Publ. Agency.