

DEPARTMENT OF EXTENSION EDUCATION
COLLEGE OF AGRICULTURE, NAVSARI AGRICULTURAL UNIVERSITY
BHARUCH CAMPUS, BHARUCH

1. INTRODUCTION:

Department of Extension Education is one of the components of College of Agriculture. At present in the department teaching activities are carried for both B.Sc. and Polytechnic students

2. OBJECTIVES:

1. To upgrade the knowledge, skill and different principles in education and research in Wxtension field.
2. To impart the education at Polytechnic in Agriculture, U.G. and P.G. level.

3. MAJOR ACTIVITIES:

1. Teaching:

(a) Polytechnic in Agriculture:

One courses with 3 (2+1) credit loads are being taught to the Fifth semesters Polytechnic in Agriculture

(b) Under graduate:

Total 4 courses with 8 (5+3) credit loads are being taught in third, fourth, fifth and sixth semesters B.Sc. (Hons.) in Agriculture.

2. Extension:

- Department staff is also actively participating in Krushi mela, Khedut Din, Khedut Shibir, Seminar time to time.
- Department is also imparting training to the students of various rural academic institutes.

4. MAJOR ACHIVEMENTS

1. Teaching:

1. Teaching:

(a) Under graduate

To make the theory and practical note books for U.G. courses are being taught from first to eight semesters B.Sc. (Hons.) in Agriculture.

Undergraduate courses offered during odd semester:

S.No.	Semester	Course Number	Title of course	Credits
1	3	3.1	Dimensions of Agricultural Extension	1+1
2	5	5.3	Extension Methodologies for Transfer of Agricultural Technology	1+1

Undergraduate courses offered during even semester:

S.No.	Semester	Course Number	Title of course	Credits
1	4	4.2	Fundamentals of Rural Sociology and Educational Psychology	2+0
2	6	6.4	Entrepreneurship Development and Communication Skills	1+1

(b) Teaching for Polytechnic students

Polytechnic courses offered during odd semester:

S.No.	Semester	Course Number	Title of course	Credits
1	5	Ag.Extn.5.1	Fundamentals of Extension Education and Communication	2+1

(c) Rural Agricultural Work Experience Programme

Rural Agricultural Work Experience Programme (RAWEP) is an important competence and confidence building programme activity carried out by this department. RAWEP programme is a learner-centered approach of exposing undergraduate students of 7th Semester Agriculture college by using principles of “learning by doing” and “seeing is believing” to provide direction to think and act on their own to become an employable human resource. It offers a course to develop students to learn how to be competent, confident, capable, skillful and able to do work in real life situations. This experiential system in agricultural education has a strong potential to prepare a better agricultural technocrats with high level of skill in combination with the modern out-look and management capacity. RAWEP is one of the best means to produce well-trained agricultural graduates with broad based knowledge and techniques to meet the emerging challenges

(a) Rural Agricultural Work Experience Programme –RAWEP (7th Semester Programme)

1. Orientation: 14 Days
2. High Tech Cell: 14 Days
3. Research Stations: 28 Days
4. Agro Industries 12 Days
5. Cooperatives: 9 Days
6. NGOs: 7 Days
7. Village Exposure: 28 Days
8. Educational Tour: 21 Days (In Gujarat and other States of India)
9. Evaluation of the students Planning, execution, correspondence and management of RAWEP programme during whole semester

5. FACILITIES:

Teaching Equipments like power point, Public address system

6. PUBLICATION

(i) Research Paper Published in International Journal:

Girish Deshmukh, Patel H. B., **Netravathi .G** and Krunal D. Gulkari (2013). Evaluation of front line demonstrations on the average yield of mustard in Anand Gujarat. Agriculture Update 8 (1&2) : 180-102.

Krunal D. Gulkari, **Nethravati, G.** and Onima, V. T., (2013). Scale development to measure the attitude towards National Horticulture Mission Beneficiaries (NHM). Agriculture Update 8 (1&2): 291-294.

Girish Deshmukh, Patel H. B., **Netravathi .G** and Krunal D. Gulkari (2013). Impact evaluation of Frontline Demonstrations on Indian mustered in Anand, Gujarat. Agriculture Update 8 (1&2) : 295- 298.

Netravathia .G and Krunal D. Gulkari (2013) Extent of economic gain through drip irrigation system by banana growers. Agriculture Update. 8 (4) :555- 560.

Soni S.R., Vaya S.L., Pestonjee D.M., Thakkar K.A., Kher H.N., Dhandhukia R. D. (2013). Impact of the

Art of Living Programme on Organisational Role Stress Among Veterinarians and Paraveterinarians of Gujarat State. International Journal of Scientific & Engineering Research, Volume 4, Issue 11

Krunal D. Gulkari and **Netravathia .G.** (2014) Profile analysis of banana growers with the extent economic gain with the adoption of drip irrigation. Agriculture Update.

Krunal Gulkari, **Nethravati .G** and Onima V. T. (2014) Analysis of consumer's preferences in purchasing fruits and vegetables across selected marketing organizations in Bangalore rural and urban districts. Agriculture Update.

Pinakin S. Asodiya, Parth S. Asodiya, Rakesh Dhandhukia, Vinay K. Parmar & Jayant J. Makadiya (2014) Impact of Primary Agricultural Cooperative Societies's on Farmer's Economy of Panchmahal District of Middle Gujarat, India. Journal of Agricultural Science; Vol. 6, No. 6; 2014

Krunal Gulkari and Nethravati .G (2014) Analysis of dairy farm women in adoption of scientific practices, International Journal of Extension Education. (Accepted for Publication)

(ii) Research Paper Published in National Journal:

Netravathia .G and Chauhan N. B. (2014) A scale to measure research scholars attitude towards climate change studying in agricultural universities. Indian Research Journal of Extension Education 14 (1):83-86.

Netravathi .G, Sudharshan Naidu and Shivalinge Gowda N.S. (2013) Preferences of producers towards marketing of fruits and vegetables. Indian Journal of Agricultural Marketing.

R. D. Dhandhukia, M. R. Prajapati, A.R. Deshpande and J. R. Patel (2014) Encouraging Attributes in Adoption of Pomegranate Cultivation Practices by the Pomegranate Growers. Trends in Biosciences 7(3): 477-479, 2014

(iii) Abstracts published:

M.S. Shilparani, and **G. Netravathi** (2013) Cyber Extension. Extension Educational Strategies for Sustainable Agricultural Development-A Global Perspective International Conference held at Bangalore from December 5-8.

M.S. Shilparani and **G. Netravathi** (2013) The Issues and Policy Reconsiderations for Development. Extension Educational Strategies for Sustainable Agricultural Development-A Global Perspective International Conference held at Bangalore from December 5-8.

G. Netravathia, and N.B Chauhan (2014) Women Research Scholars' Knowledge towards Climate Change in State Agricultural Universities of Gujarat. Dimensions of extension education in holistic development of farmers National seminar held at Anand Gujarat.

List of published books:

Sr. No.	Name of Author	Name of Department	Name of Faculty	Title of Book	Name of Publisher	Year of Publication	ISBN
1	Netravathi G	Dept. of Extension Education	Netravathi G	A study on preference analysis of fruits and vegetable marketing	Lambert Academic Publishing	2013	978-3659-41722-1

7. TRANSFER OF TECHNOLOGIES:

Department staff is also actively participating in Krushi mela, Khedut Din, Khedut Shibir, Seminar and time to time and transfer the latest agricultural technology and information to the farmers.