

# ACTIVITIES



Department of Agricultural Extension and Communication  
N. M. College of Agriculture  
Navsari Agricultural University, Navsari (Gujarat)



## 1. TEACHING ACTIVITIES

### A. Undergraduate level

Sr.	Course Code	Course title	Credits
1.	Ag. Extn. 3.1	Fundamentals of Agricultural Extension Education	2+1
2.	Ag. Extn. 4.2	Rural Sociology and Educational Psychology	2+0
3.	Ag. Extn. 5.3	Communicational Skills and Personality Development	1+1
4.	Ag. Extn. 6.4	Entrepreneurship Studies and Business Communication	1+1
5.	Ag. Extn. 7.5	Rural Awareness Work Experience (RAWE) and Agro-Industrial Attachment (AIA)	0+20
6.	ET 7.6	Exposure through Educational Tour	0+2
7.	ELP / HoT	Experiential Learning Programme (ELP)/ Hands on Training (HOT)	0+20

## B. Master's level

Sr.	Course Code	Course title	Credits
1.	Ag. Extn. 501*	Development Perspectives of Extension Education	1+1
2.	Ag. Extn. 502*	Development Communication and Information Management	2+1
3.	Ag. Extn. 503*	Diffusion and Adoption of Agricultural Innovations	2+1
4.	Ag. Extn. 504*	Research Methods in Behavioral Sciences	2+1
5.	Ag. Extn. 505*	E- Extension	2+1
6.	Ag. Extn. 506*	Management in Extension	1+1
7.	Ag. Extn. 507*	Human Resource Development	2+1
8.	Ag. Extn. 508	Visual Communication	2+1
9.	Ag. Extn. 509	Participatory Methods for Technology Development and Transfer	1+1
10.	Ag. Extn. 510	Gender Sensitization for Development	1+1
11.	Ag. Extn. 511	Perspectives of Distance Education	2+0
12.	Ag. Extn. 512	Market-Led Extension	2+0
13.	Ag. Extn. 513	Entrepreneurship Development	1+1
14.	Ag. Extn. 591	Master's Seminar	1+0
15.	Ag. Extn. 592	Special problems	1+0
16.	Ag. Extn. 599	Master's Research	20

\* Compulsory for Master's Programme

### C. Doctoral level

Sr.	Course Code	Course title	Credits
1.	Ag. Extn. 601*	Advances in Agricultural Extension	2+1
2.	Ag. Extn. 602*	Advanced Design and Techniques in Social Science Research	2+1
3.	Ag. Extn. 603*	Advances in Training Technology	2+1
4.	Ag. Extn. 604*	Organizational Development	2+1
5.	Ag. Extn. 605*	Advanced Instructional Technology	2+1
6.	Ag. Extn. 606	Theory Construction in Social Sciences	2+0
7.	Ag. Extn. 607	Advanced management Techniques	2+1
8.	Ag. Extn. 608	Media Management	2+1
9.	Ag. Extn. 609	Transfer of Technology in Agriculture	2+1
10.	Ag. Extn. 610	Advance Rural Sociology	2+0
11.	Ag. Extn. 611	Advance Educational Psychology	2+0
12.	Ag. Extn. 612	Administration in Extension Education	2+0
13.	Ag. Extn. 691	Doctoral Seminar-I (Major)	1+0
14.	Ag. Extn. 692	Doctoral Seminar-II (Minor)	1+0
15.	Ag. Extn. 699	Doctoral Research	45

\*Compulsory for Doctoral Programme

## Restructured and Revised Syllabi of Post-graduate Programmes - 2022

### D. Master's level

Sr.	Course Code	Course title	Credits
<b>MAJOR COURSES</b>			
1.	EXT-501	Extension Landscape	2+0
2.	EXT-502	Applied Behaviour Change	2+1
3.	EXT-503	Organisational Behavior and Development	2+1
4.	EXT-504	Research Methodology in Extension	2+1
5.	EXT-505	Capacity Development	2+1
6.	EXT-506	ICTs for Agricultural Extension & Advisory Services	2+1
7.	EXT-507	Evaluation and Impact Assessment	2+1
<b>MINOR COURSES</b>			
8.	EXT-508	Managing Extension Organizations	2+1
9.	EXT-509	Enabling Innovation	1+1
10.	EXT-510	Gender Mainstreaming	2+1
<b>SEMINAR</b>			
11.	EXT-591	Master's Seminar	1+0
<b>RESEARCH</b>			
12.	EXT-599	Master's Research	30

## E. Doctoral level

Sr.	Course Code	Course title	Credits
<b>MAJOR COURSES</b>			
1.	EXT-601	Policy Engagement and Extension	2+1
2.	EXT-602	Methodologies for Social and Behavioural Research	2+1
3.	EXT-603	Technology Commercialization and Incubation	2+1
4.	EXT-604	Educational Technology and Instructional Design	2+1
<b>MINOR COURSES</b>			
5.	EXT-605	Risk Management and Climate change Adaptation	2+1
6.	EXT-606	Livelihood Development	1+1
7.	EXT-607	Facilitation for People centric development	2+1
<b>SEMINAR</b>			
8.	EXT-691	Doctoral Seminar-I	1+0
9.	AEC-692	Doctoral Seminar-II	1+0
<b>RESEARCH</b>			
10.	EXT-699	Doctoral Research	75

## 2. RESEARCH ACTIVITIES

### A. Current Research Projects

Sr. No.	Title of Project	Principle Investigator	Co-PI	Budget Head
<b>Plan Scheme</b>				
1.	Strengthening of Extension Wing	Professor & Head	Dr. P.B. Khodifad	12145
2.	Student READY Programme i) RAWEP ii) ELP / HoT	Professor & Head	Dr. P.B. Khodifad	12968
<b>Departmental Research Programmes</b>				
3.	Socio-economic consequences of COVID-19 pandemic on farming community in South Gujarat	Dr. O. P. Sharma	Dr. D. J. Chaudhary	3126-1
4.	Awareness about agricultural hazards among the farmers of South Gujarat	Dr. K. L. Chaudhary	Prof. V. P. Vejapara Dr. R. M. Naik Dr. R. D. Pandya	5106
5.	Development and standardization of scale to measure perception of crop crisis and its management	Dr. S. R. Kumbhani	Dr. P. B. Khodifad Dr. R. M. Bhuva Dr. R. D. Pandya	5240
6.	Identification and prioritizing the thrust areas for agriculture research	Dr. P. B. Khodifad	Dr. R. M. Naik Dr. K. L. Chaudhary Dr. S. R. Kumbhani	5106

### **3. EXTENSION ACTIVITIES**

➤ **Departmental staffs are actively engaged in following extension activities**

- Krushi Mela
- Krushi Mohatsav
- Khedut shibir
- Khedut Din
- Seminar
- Workshop
- Symposium
- Conference
- Visiting farmer's field
- Training to the students
- Farmer's training programme
- Farmer's seminar
- TV & Radio talk
- Magazine, Booklet & Leaflet *etc...*

## **Achievements of Department**

### **➤ Strengthening of Extension Wing Project**

#### **Year- 2016-17**

- Collection and analysis of Soil Samples of 270 farmers selected under the project.
- Distribution of sets of 15 folders containing the information of recommended practices of major crop 68 South Gujarat to 660 selected farmers.
- Farmers-Students-Scientists interaction holds in selected villages in while 132 students, 340 farmers & 18 Agri. Scientist were participated.

#### **Year- 2017-18**

- Six Khedut shibir and three farmers meeting were organized in selected villages.
- Folders on different topics prepared by the department were distributed in the village where Khedut shibir were organized.
- Bench mark survey was under taken for collecting bench mark information from 270 selected farmers.
- Total 270 soil samples were collected from the selected farmers' field for soil analysis.

#### **Year- 2018-19**

- Under this project-2 Digitization of Expert Extension Approach for Agriculture of South Gujarat programme the Expert System of Rice has been developed.
- To provide Agriculture Information and training to the farmers of selected villages, the Six Khedut shibir were organized.
- To provide Agricultural Information to the farmers a set of 15 folders prepared by this Department distributed to 270 farmers.
- Scientists-farmers-students interface interaction was made during Khedut shibirs.

#### **Year- 2019-20**

- Expert system of paddy developed.
- Student-farmers interaction in 8 villages held.
- 720 folders about 15 crops and their technologies were distributed to the Sugar cane growers.

#### **Year- 2020-21**

- Expert system on Sugarcane developed.
- Mobile App for the farmers of the South Gujarat was developed.



**Year-2021-22**

- Upgradation & Correction of Sugarcane Expert System & Mobile App.

**Year-2022-23**

- Training Programme on Technical/Skill using Sugarcane Expert System & Mobile App.

➤ **RAWEP Project**

**Year wise enrolled of students and have completed successfully under RAWEP programme is as follows;**

Sr.	Batch	Year	Enrolled Students	Pass out Students	Cumulative total
1.	1st RWAE	2003-04	53	53	53
2.	2 <sup>nd</sup>	2004-05	71	71	124
3.	3 <sup>rd</sup>	2005-06	54	54	178
4.	4 <sup>th</sup>	2006-07	39	39	217
5.	5 <sup>th</sup>	2007-08	25	25	242
6.	6 <sup>th</sup>	2008-09	52	52	294
7.	7 <sup>th</sup>	2009-10	79	79	373
8.	8 <sup>th</sup>	2010-11	73	73	446
9.	9 <sup>th</sup>	2011-12	52	52	498
10.	10 <sup>th</sup>	2012-13	59	59	557
11.	11 <sup>th</sup>	2013-14	83	83	640
12.	12 <sup>th</sup>	2014-15	95	94	734
13.	13 <sup>th</sup>	2015-16	119	118	852
14.	14 <sup>th</sup>	2016-17	132	132	984
15.	15 <sup>th</sup>	2017-18	103	102	1086
16.	16 <sup>th</sup>	2018-19	128	127	1213
17.	17 <sup>th</sup>	2018-20	117	115	1328
18.	18 <sup>th</sup>	2020-21	111	110	1438
19.	19 <sup>th</sup>	2021-22	134	133	1571
20.	20 <sup>th</sup>	2022-23	153	150	1721