

# ACTIVITIES



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



## 1. TEACHING ACTIVITIES

### A. Undergraduate level (As per Fifth Deans' Committee)

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 (RAW) 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. Undergraduate level (As per Sixth Deans' Committee)

Sr.	Course Code	Course title	Credits
1.	EXT 1.1	Rural Sociology and Educational Psychology	2+0
2.	EXT 2.1	Personality Development	1+1
3.	EXT 3.1	Fundamentals of Extension Education	1+1

### C. 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

## D. 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

Sr. No.	Title of Project	Principle Investigator	Co-PI	Budget Head
<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
7.	Training needs and information seeking behavior of the farmers about natural farming in South Gujarat	Dr. R. M. Bhuva	Dr. R. M. Bhuva Dr. S. R. Kumbhani Dr. O. P. Sharma	3126-1
8.	Internet utilization behavior of students of Navsari Agricultural University, Navsari	Dr. K. L. Chaudhary	Dr. R. M. Bhuva Mr. A. P. Chaudhary Dr. O. P. Sharma	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;**

<b>Sr.</b>	<b>Batch</b>	<b>Year</b>	<b>Enrolled Students</b>	<b>Pass out Students</b>	<b>Cumulative total</b>
1.	1 <sup>st</sup> 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
21.	21 <sup>st</sup>	2023-24	144	144	1865

22.	22 <sup>nd</sup>	2024--25	125	125	1990
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