School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222

POST GRADUATE PROGRAM
(M.Sc. Program in Agricultural Extension)

PROGRAM PROSPECTUS & ADMISSION FORM: 2017

The Director
School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik - 422 222
Phone: 0253-2230340, 9403774501, e-mail: suryagun@hotmail.com
Post Graduate Program Time Table: 2017-18

M. Sc. in Agricultural Extension:

1. **Filling of On-line Pre-admission Form: 1-15 June-2017**
2. Publication of Merit List & Waiting List: 21 June-2017
5. On Spot Round Admission 3-8, July 2017
7. Semester:1: First & Second Contact Session: 11, 12, 13 August, 2017
8. Semester:1: Third & Fourth Contact Session: 8, 9, 10, September, 2017
10. **Semester:1: Final Examination: 10, 11, 12, November, 2017**
11. Semester:2: First & Second Contact Session: 12, 13, 14, January, 2018
12. Semester:2: Third & Fourth Contact Session: 9, 10, 11, February, 2018
13. Semester:2: Fifth & Sixth Contact Session: 9, 10, 11, March, 2018
14. **Semester:2: Final Examination: 6, 7, 8, April, 2018**
Post Graduate Programs in Agricultural Sciences

1. Yashwantrao Chavan Maharashtra Open University ................................................................. 1
2. School of Agricultural Sciences ............................................................................................... 1
3. Post Graduate & Research Programs in Agricultural Extension ............................................. 1
   3.1 Objectives of PGR Programs ............................................................................................... 1
   3.2 Program Structure .............................................................................................................. 2

4. Admission Process .................................................................................................................. 2
   4.1 Admission Eligibility, Process and Number of Seats ......................................................... 2
   4.2 Reservation Policy for Admission: ..................................................................................... 2
   4.3 Seat Distribution Matrix for M.Sc. in Agricultural Extension Program ............................. 3
   4.4 Program Fees ..................................................................................................................... 3
   4.5 Program Duration ............................................................................................................. 3
   4.6 Medium of Instruction: .................................................................................................... 3
   4.7 Learning Method.............................................................................................................. 3

5. Admission and Registration Process ....................................................................................... 4

6. Examination and Evaluation .................................................................................................. 4
   Credit Points .......................................................................................................................... 4

7. Selection of Research Guide .................................................................................................. 5

8. Appendices ............................................................................................................................... 6
   Appendix 1 : Format for Model Question Papers (Internal Examination) .......................... 6
   Appendix 2 : Format for Model Question Papers (Final Examination) .............................. 7
   Appendix 3 : List of Potential Topics for Research in Agricultural Extension .................... 8
   Appendix 4 : Format for Outline of Research Work (ORW) for Research Proposal .......... 10
   Appendix 5 : Scale for Evaluation for PGR Student’s Presentations ................................... 12
   Appendix 7 : Format for Synopsis of Research Work (SRW) ............................................. 16
   Appendix 8 : Format for Thesis Writing and Submission: .................................................. 18
   Appendix 11 : Format for Evaluation of Student in Viva-Voce Examination ..................... 29
   Appendix 12 : Format for Students Record Sheet (M.Sc. Program) ..................................... 30
   Appendix 13 : Pre-Admission Form for M.Sc. Program ....................................................... 31
### Semester-1: Teaching & Counseling Time Table:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 11, 2017</td>
<td>10.00 to 11.00</td>
<td>Introduction, Attendance &amp; Distribution of Identity Cards</td>
</tr>
<tr>
<td></td>
<td>11.00 to 13.00</td>
<td>Inauguration of PGR Programs</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.00</td>
<td>Presentation of PGR Degree Programs</td>
</tr>
<tr>
<td></td>
<td>16.00 to 18.00</td>
<td>Presentation of Course Contents &amp; IQ Testing</td>
</tr>
<tr>
<td>August 12, 2017</td>
<td>10.00 to 12.30</td>
<td>AGR 401 First Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 402 First Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 403 First Contact Session</td>
</tr>
<tr>
<td>August 13, 2017</td>
<td>10.00 to 12.30</td>
<td>AGR 401 Second Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 402 Second Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 403 Second Contact Session</td>
</tr>
<tr>
<td>September 8, 2017</td>
<td>10.00 to 12.30</td>
<td>AGR 401 Third Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 402 Third Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 403 Third Contact Session</td>
</tr>
<tr>
<td>September 9, 2017</td>
<td>10.00 to 12.30</td>
<td>AGR 401 Fourth Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 402 Fourth Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 403 Fourth Contact Session</td>
</tr>
<tr>
<td>September 10, 2017</td>
<td>10.00 to 12.30</td>
<td>Special Contact Session 1</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.00</td>
<td>Special Contact Session 2</td>
</tr>
<tr>
<td></td>
<td>16.00 to 18.00</td>
<td>Special Contact Session 3</td>
</tr>
<tr>
<td>October 13, 2017</td>
<td>10.00 to 12.30</td>
<td>AGR 401 Fifth Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 402 Fifth Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 403 Fifth Contact Session</td>
</tr>
<tr>
<td>October 14, 2017</td>
<td>10.00 to 12.00</td>
<td>AGR 401 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.00</td>
<td>AGR 402 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td></td>
<td>16.00 to 18.00</td>
<td>AGR 403 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td>October 15, 2017</td>
<td>10.00 to 13.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td></td>
<td>14.00 to 17.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td>November 2017: Semester-1 Final Examination</td>
<td>10, 11, 12 November 2017</td>
<td></td>
</tr>
</tbody>
</table>

### Semester-2 Teaching & Counseling Time Table:

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 12, 2018</td>
<td>10.00 to 12.30</td>
<td>AGR 404 First Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 405 First Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 406 First Contact Session</td>
</tr>
<tr>
<td>January 13, 2018</td>
<td>10.00 to 12.30</td>
<td>AGR 404 Second Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 405 Second Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 406 Second Contact Session</td>
</tr>
<tr>
<td>January 14, 2018</td>
<td>10.00 to 13.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td></td>
<td>14.00 to 17.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td>February 9, 2018</td>
<td>10.00 to 12.30</td>
<td>AGR 404 Third Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 405 Third Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 406 Third Contact Session</td>
</tr>
<tr>
<td>February 10, 2018</td>
<td>10.00 to 12.30</td>
<td>AGR 404 Fourth Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 405 Fourth Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 406 Fourth Contact Session</td>
</tr>
<tr>
<td>February 11, 2018</td>
<td>10.00 to 13.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td></td>
<td>14.00 to 17.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td>March 9, 2018</td>
<td>10.00 to 12.30</td>
<td>AGR 404 Fifth Contact Session</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.30</td>
<td>AGR 405 Fifth Contact Session</td>
</tr>
<tr>
<td></td>
<td>16.30 to 19.00</td>
<td>AGR 406 Fifth Contact Session</td>
</tr>
<tr>
<td>March 10, 2018</td>
<td>10.00 to 12.00</td>
<td>AGR 404 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td></td>
<td>14.00 to 16.00</td>
<td>AGR 405 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td></td>
<td>16.00 to 18.00</td>
<td>AGR 406 : Revision &amp; Internal Examination</td>
</tr>
<tr>
<td>March 11, 2018</td>
<td>10.00 to 13.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td></td>
<td>14.00 to 17.00</td>
<td>ORW/SRW/Research Seminar/Academic Seminar</td>
</tr>
<tr>
<td>April 2018: Semester-2 Final Examination</td>
<td>6, 7, 8 April 2018</td>
<td></td>
</tr>
</tbody>
</table>

### Final Examination: Course Titles

<table>
<thead>
<tr>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGR : 401 : Foundation in Agricultural Extension</td>
</tr>
<tr>
<td>AGR : 402 : Advances in Agricultural Extension</td>
</tr>
<tr>
<td>AGR : 403 : Agricultural Extension Management</td>
</tr>
<tr>
<td>AGR : 404 : ICT in Agriculture Development</td>
</tr>
<tr>
<td>AGR : 405 : Research Methods &amp; Statistical Analysis</td>
</tr>
<tr>
<td>AGR : 406 : Scaling Techniques in Social Sciences &amp; Agricultural Extension</td>
</tr>
</tbody>
</table>
M.Sc. Programs in Agricultural Extension

1. Yashwantrao Chavan Maharashtra Open University

Yashwantrao Chavan Maharashtra Open University (YCMOU) is established by the Government of Maharashtra by the Act No. XX in July, 1989 at Nashik. The University is recognized and Approved by the University Grant Commission (UGC), Distance Education Beouro (DEB) and Ministry of Human Resources Development (MHRD), Government of India. YCMOU has Jurisdiction of entire State of Maharashtra.

Mandates, Mission & Objectives: YCMOU is established with a mission of becoming a Mass University to provide education for all who need it. YCMOU intends to use open and distance learning approaches, local language, and Information Communication Technology in Teaching and Learning to fulfill academic needs and aspirations of communities in various streams of General, Technical, Vocational and professional education in the State of Maharashtra.

The University is mandated with following Objectives: 1. To make higher, vocational and technical education available to large sections of the population. 2. To provide special attention to the needs of the disadvantaged groups of people in rural areas and women. 3. To relate all courses to the developmental needs of individuals, institutions and the State. 4. To provide an innovative, flexible and open system of education by using cutting edge Information Communication Technologies in education. 5. To provide continuing, adult and extension education. 6. To provide opportunities in Post Graduate and Research areas in all fields of knowledge.

2. School of Agricultural Sciences

The School of Agricultural Sciences (SAS) is established with the objectives to provide higher education and to promote open and distance education in Agriculture and Rural Development. The School of Agricultural Sciences since its establishment in 1989 has developed and operated need-based educational programs in the areas of Agriculture, Horticulture and Agri-business Management and Agricultural Extension, reaching out to more than 2,80,000 Distance Learners in 25 years in Maharashtra.


3. Post Graduate Programs in Agricultural Extension

3.1 Objectives of PGR Programs

The basic objectives of programs in Agricultural Extension is to develop Scientific and Research minded Human Resource, who will face the new challenges of using Information Communication Technologies in Agricultural Development, while working in the Department of Agriculture, Krishi Vigyan Kendras, Zilla
Parishads, Nationalized Banks, Rural Development Banks, Non Governmental Organizations and State Agricultural Universities in India.

3.2 Program Structure
The PGR Program consists of Two Components: 1. Course Work, 2. Research Thesis. The structure of Core Courses and Research Thesis with Credit Point, Academic Work Load and Evaluation System is given below.

- **M.Sc. in Agricultural Extension**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Academic Component</th>
<th>Credit Points</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Course Work (CW)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>AGR-401: Foundation in Agricultural Extension</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td>2.</td>
<td>AGR-402: Advances in Agricultural Extension</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td>3.</td>
<td>AGR-403: Agricultural Extension Management</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td>4.</td>
<td>AGR-404: ICT in Agricultural Development</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td>5.</td>
<td>AGR-405: Research Methods &amp; Statistical Analysis</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td>6.</td>
<td>AGR-406: Scaling Techniques in Social Sciences</td>
<td>8</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td><strong>Research Work (RW)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>AGR-407: Research Thesis</td>
<td>16</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td><strong>Total Requirements</strong></td>
<td>64</td>
<td>800</td>
</tr>
</tbody>
</table>

4. Admission Process

4.1 Admission Eligibility, Process and Number of Seats

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Program</th>
<th>No. of Seats</th>
<th>Eligibility/Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M.Sc. in Agricultural Extension</td>
<td>20</td>
<td>Graduate in Agricultural Sciences in First Class(*)</td>
</tr>
</tbody>
</table>


4.2 Reservation Policy for Admission:
The Social Reservation for the PGR Admission shall be as per the Government of Maharashtra Guidelines for admission. The Reservation classification is as given below.
Social Reservation for M.Sc. in Agricultural Extension Program

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Class of Reservation</th>
<th>Reservation %</th>
<th>M.Sc. Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Scheduled Caste (SC)</td>
<td>13.00</td>
<td>03</td>
</tr>
<tr>
<td>2.</td>
<td>Scheduled Tribes (ST)</td>
<td>07.00</td>
<td>02</td>
</tr>
<tr>
<td>3.</td>
<td>Vimukta Jati – (VJ-A)</td>
<td>03.00</td>
<td>00</td>
</tr>
<tr>
<td>4.</td>
<td>Nomadic Tribes (NT-B)</td>
<td>02.50</td>
<td>00</td>
</tr>
<tr>
<td>5.</td>
<td>Nomadic Tribes (NT-C)</td>
<td>03.50</td>
<td>01</td>
</tr>
<tr>
<td>6.</td>
<td>Nomadic Tribes (NT-D)</td>
<td>02.00</td>
<td>00</td>
</tr>
<tr>
<td>7.</td>
<td>Other Backward Class (OBC)</td>
<td>19.00</td>
<td>03</td>
</tr>
<tr>
<td>8.</td>
<td>Unreserved (Open)</td>
<td>50.00</td>
<td>11</td>
</tr>
</tbody>
</table>

Total: 100.00

4.3 Seat Distribution Matrix for M.Sc. in Agricultural Extension Program

<table>
<thead>
<tr>
<th>Category</th>
<th>Program</th>
<th>M.Sc. (Agril. Extension)</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Reservation</td>
<td>%</td>
<td>General</td>
</tr>
<tr>
<td>SC</td>
<td>13.00</td>
<td>2.00</td>
</tr>
<tr>
<td>ST</td>
<td>7.00</td>
<td>1.00</td>
</tr>
<tr>
<td>VJ-A</td>
<td>3.00</td>
<td>0.00</td>
</tr>
<tr>
<td>NT-B</td>
<td>2.50</td>
<td>0.00</td>
</tr>
<tr>
<td>NT-C</td>
<td>3.50</td>
<td>1.00</td>
</tr>
<tr>
<td>NT-D</td>
<td>2.00</td>
<td>0.00</td>
</tr>
<tr>
<td>OBC</td>
<td>19.00</td>
<td>2.00</td>
</tr>
<tr>
<td>Open</td>
<td>50.00</td>
<td>6.00</td>
</tr>
<tr>
<td>Total Seats</td>
<td>100.00</td>
<td>12.00</td>
</tr>
</tbody>
</table>


4.4 Program Fees

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Program</th>
<th>Annual Program Fees (Rs)</th>
<th>University Share (Rs.)</th>
<th>Study Centre Share (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>M.Sc. Agricultural Extension</td>
<td>10,000</td>
<td>5,000</td>
<td>5,000</td>
</tr>
</tbody>
</table>

4.5 Program Duration

The duration of the M.Sc. program is minimum 2 years and Maximum 5 Years from the date of first registration.

4.6 Medium of Instruction:

The Medium of Instruction for Post Graduate Program shall be English.

4.7 Learning Method

The Masters Students has to complete Course Work (CW) in first year and Research Thesis (RW) in second year.
5. Admission and Registration Process

5.1 The advertisement for Post Graduate programs Admission in Agricultural Extension of Yashwantrao Chavan Maharashatra Open University is published in the month of May each year. However, you can view the advertisement on our website: [www.ycmou.digitaluniversity.ac](http://www.ycmou.digitaluniversity.ac) and [www.ycmou.ac.in](http://www.ycmou.ac.in) well in advance.

5.2 M. Sc. Program Admission shall be given on the basis of merit and social reservation as per the Time Table published in the Program Prospectus.

5.3 Merit List of selected Candidates on the basis of Merit cum Social Reservation will be Published on University Website for information.

5.4 Selected Candidates are required to seek their admission in time by paying Admission Fees in full, failing of which the vacant seat will be filled in from the waiting list prepared for the purpose.

5.5 The candidate has to pay program fees at the time of admission at YCMOU, Nashik, through Online Payment. The program fees covers Cost of Learning Materials, Theory Contact Sessions, Research Assignments, Seminars, Presentation, Evaluation, Internal & Final Examination and Certification.

6. Examination and Evaluation

The university follows Semester System and 10 Point Grading System for evaluation. The passing percentage for each courses and each component is minimum 50 marks.

- **Course Work:** This Component Consists of 6 Courses for 48 Credit Points in two semester, each course will be evaluated through 20 marks for internal evaluation and 80 marks for final evaluation (Total: 600 Marks)

- **Research Thesis Work:** This Component Consists of Major Research Thesis for 200 Marks for M.Sc. program.

The present marking and its corresponding Grade and Class shall be as follows.

<table>
<thead>
<tr>
<th>Percentage (%) of Marks</th>
<th>Grade</th>
<th>Weight</th>
<th>Academic Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 and Above</td>
<td>O</td>
<td>10</td>
<td>First Class with Distinction</td>
</tr>
<tr>
<td>70 to 74.99</td>
<td>A+</td>
<td>9</td>
<td>First Class with Honors</td>
</tr>
<tr>
<td>65 to 69.99</td>
<td>A</td>
<td>8</td>
<td>First Class</td>
</tr>
<tr>
<td>60 to 64.99</td>
<td>B+</td>
<td>7</td>
<td>Higher Second Class</td>
</tr>
<tr>
<td>55 to 59.99</td>
<td>B</td>
<td>6</td>
<td>Second Class</td>
</tr>
<tr>
<td>50 to 54.99</td>
<td>C</td>
<td>5</td>
<td>Pass Class</td>
</tr>
<tr>
<td>Less than 50</td>
<td>F</td>
<td>0</td>
<td>Fail</td>
</tr>
</tbody>
</table>

**Credit Points**

One Credit Point workload of Studies means a study of 30 hours, which includes time spent on Self Studies, contact sessions, Online and Offline interaction with Teacher Counselors and Research Guide, Laboratory and Field Practical, Survey, Research Assignments, Seminars, Data Collection, Data Analysis, Reading and Writing towards Specific Attainment.
The Course Work Component of M.Sc. is 48 Credit Points (1500 Hours), Research Component for M.Sc. Thesis is 16 Credit Points (500 Hours). Thus Total Credit Points for M.Sc. Program is 64 Credit Points (2000 Hours of studies).

7. Selection of Research Guide

8.1 Post Graduate students shall select their Research Guide in consultation with the Director, School of Agricultural Sciences, YCMOU, Nashik.

8.2 The Research Guide for M.Sc. program in Agricultural Extension shall be Ph.D. in Agricultural Extension with minimum 5 Years Teaching / Research / Extension experience at minimum Assistant Professor level in the College or University.

8.3 M.Sc. students shall present Outline of Research Work (ORW) before the panel of experts for approval.
8. Appendices

Appendix 1 : Format for Model Question Papers (Internal Examination)

Yashwantrao Chavan Maharashtra Open University

M.Sc. Program in Agricultural Extension
Internal Examination

AGR: 401: Foundation in Agricultural Extension

Date: ----------    Duration: 20 Minutes            Maximum Marks: 20

Instruction: Attempt all questions. Each sub-question carries 1 marks.

Q.1 a) What is the primary unit of society?
   A) Person  B) Home       C) Family           D) People
b) National Agricultural Technology Project (NATP) was initiated in the year
   A) 1996        B) 1999       C) 1997           D) 1998
c) What type of teachers allows learners to apply own mind.
   A) Collaborator         B) Expert         C) Facilitator           D) Independent
d) Communication can be referred as skill of
   A) Communication       B) Life         C) Survival           D) Speaking
e) Which type of barriers are outside the control of sender or receiver?
   A) Social barriers     B) Physical barriers   C) Psychological barriers   D) Extraneous barriers

Q.2 a) Opinion leader is an example of which type of channel of communication.
   A) Personal localite      B) Personal cosmopolite    C) Intra personal     D) Inter personal
b) Communication which influence behaviour of each other is called as
   A) Feedback       B) Interaction         C) Response           D) Stimulus
c) ‘Source—Encoder—Signal—Decoder—Receiver’, this model was developed by
   A) Schramm      B) Berlo    C) Shannon and Weaver   D) Aristotle
d) The ‘Noise’ element is the part of which model of communication?
   A) Aristotle     B) Schramm       C) Berlo           D) Shannon and weaver
e) Which type of channel helps an individual to take decision about adoption?
   A) Interpersonal    B) Intrapersonal      C) Mass media      D) Public media

Q.3 a) Which attribute of an innovation is negatively related with rate of adoption?
   A) Compatibility    B) Complexity      C) Observability     D) Triability
b) Which type of research method is considered best for studying consequences of innovation?
   A) Survey    B) Case study      C) Observation     D) Inspection
c) Building a good rapport with the people is a pre requisite for effective
   A) Planning      B) Extension   C) Interactions        D) Communication
d) The smallest territorial group living in a given area is called as
   A) Village     B) Society    C) Community      D) Township
e) Existence of jagirdari/ jamindari system in India was an example of
   A) Slavery          B) Class        C) Caste          D) Estate

Q.4 a) An Opinion leader is an example of which type of group.
   A) Primary group     B) Informal group   C) Reference group       D) Secondary group
b) Who had developed a method of psychotherapy known as Psychoanalysis?
   A) Ivan Pavlov    B) Sigmund Freud      C) Hermann        D) Skinner
c) ‘A person comparing his views with others for correctness’ is an example of
   A) Classical conditioning     B) Instrumental conditioning
   C) Observational learning      D) Social comparison
d) Which Philosophical assumption indicates that we can alter our personalities?
   A) Optimistic assumption    B) Pessimistic assumption
   C) Proactive assumption       D) Reactive assumption
e) Which quality of person refers to understanding the other person’s internal frame of mind?
   A) Credibility    B) Understandability       C) Empathy         D) Sympathy
Appendix 2 : Format for Model Question Papers (Final Examination)

Yashwantrao Chavan Maharashtra Open University

M.Sc. Program in Agricultural Extension

Final Examination

AGR: 401: Foundation in Agricultural Extension

Date: ----------    Time: 10.30 to 13.30    Maximum Marks: 80

Instruction: Attempt any four sub questions from each question. Each sub-question Carries 5 marks.

Question 1:  

a) What is meaning of extension education? Enlist purposes of extension education.

b) List the agricultural extension programs launched after independence and describe any one frontline extension programs.

c) Enlist the principles of adult learning as applicable to extension education.

d) Describe qualities of good communicator in extension education.

e) Enlist and describe various barriers in communication.

Question 2:  

a) What is meaning of mass media? Describe various mass media used in agricultural extension.

b) What is diffusion? Explain the process of diffusion of an innovation in agriculture.

c) What is adoption of innovation? Describe stages of adoption of an innovation in agriculture.

d) Explain with diagram the type of adopters of innovation in agriculture.

e) Enlist and describe factors affecting rate of adoption of innovation in agriculture.

Question 3:  

a) Enlist consequences of Green Revolution in Indian Agriculture.

b) Differentiate between society and community and explain characteristics of communities.

c) Describe the terms : Social values, Norms, folkways and Mores in society.

d) Differentiate between customs and traditions and describe social role of customs.

e) What is social stratification? Describe caste system in India.

Question 4:  

a) What is social change? Describe patterns of social change.

b) Explain impact of Technological change in Indian family and social system.

c) Differentiate between Research Psychology and Applied Psychology. Enlist branches of research psychology.

d) Define perception. Enlist and explain laws of perception.

e) What is learning? Enlist principles of learning.
Appendix 3 : List of Potential Topics for Research in Agricultural Extension

1. Impact of Open Educational Resources (OER) in Agriculture Education.
2. Reusable Learning Object Technology for Extension Education.
3. Impact of Agro-Biotechnological Enterprises on Productivity of Indian Agriculture.
4. Documentation & Dissemination of Agro-biotechnologies in Indian Agriculture.
5. Problems and Prospectus of Genetically Modified Crops in Indian Agriculture.
6. Evaluation of Kisan Call Centers in Indian Agriculture.
7. Role of ICT in addressing issues of climate change in Indian Agriculture.
8. Studies on Agri-clinics & Agri-business Development Program on Self Employment.
10. Privatization of Agricultural Education in Maharashtra.
11. Privatization of Agricultural Extension System in India.
12. Urban and Peri-urban agriculture production system for nutritional security in India.
13. Digital Agricultural Extension Services: Current limitations and futuristic projections
15. Impact of Mobile Technology for Enhancing Income of Farmers.
16. Constraints in Adoption of Conservation Agriculture Technology among the farmers.
17. Challenges and opportunities for retaining rural youth in India agriculture.
18. Market led extension: Current system of addressing challenges in Indian Agriculture.
19. Effect of Special Economic Zones (SEZs) on Agriculture and Agrarian Society in India.
20. Alternative cropping system for dry land agriculture in view of climate change.
22. Scope, Viability and Sustainability of Agro Tourism in Maharashtra.
23. Impact of Agriculture Technology Schools in creating self employment.
25. Utility of MIHAN and Agriculture economic zone for employment generation in Vidarbha Region in Maharashtra.
27. Problems and constraints of agricultural extension services in empowering women farmers in India.
28. Relevance and Potential of Mobile based agro advisory services in transfer of technologies in Indian Agriculture.
29. Constrains and Perception in adoption of improved varieties of vegetables of public organizations.
30. Studies on farmer producer organizations as catalyst for change in small farmer agricultural system.
31. Prospectus of Use of Social Media like Face Book, Twitter and Whats App in Transfer of Technology in Agriculture
32. Application of Web based extension education modules for second generation Farmers in India.
33. Investigations for Crop wise yield gap analysis and Socio-economic reasoning in Maharashtra.
34. Evaluation of Programs for Agriculture Development implemented by Department of Agriculture in Maharshtra.
35. Evaluation of Agri -Entrepreneurship program, its level of success and failure in India.
36. Analysis of Crop Advisory Services and sale of Agri- inputs in Maharashtra.
38. New Role of Agricultural Extension to face the present challenges for Effective Transfer of Technology with special reference to Climate Change.
40. To Examine the Potential of Conservation of Agricultural Bio-diversity for the Clean Development Mechanism (CDM).
41. Study of Role of Farmers Organizations in Extension Service for Effective Transfer of Technology for higher Agricultural Production.
42. Impact Analysis of Agricultural Extension through Newspapers, Agricultural Journals and TV Channels.
43. To Examine Experiences, Issues and Approaches of Private Extension in India.
44. To Study Privatization of Agricultural Extension System in India: Preferences and Constraints.
45. Role of Non-Governmental Organizations in Effective Agricultural Extension leading to Participatory Agricultural and Rural Development.
47. Study of Attitude and Preferences of Extension Personnel and Agricultural Scientists towards Privatization of Agricultural Extension Service.
48. Sustainability of ICT mediated Extension systems, Yield Prediction Models and Data Analytics for Climate Smart Agriculture.
49. Comparative study on impact of ICT mediated Agricultural Extension Systems in India
50. Application of Social Media for Agricultural Extension and Rural Advisory Services in India.
51. Comparative Analysis of Agricultural Extension Models in India.
52. Studies on the factors affecting long term sustainability of ICT mediated Agricultural Extension systems in India.
Appendix 4 : Format for Outline of Research Work (ORW) for Research Proposal

Outline of Research Work (ORW) for M.Sc. in Agricultural Extension

1. Name & Address of Research Fellow ________________________________
   ___________________________________________________________________

2. Permanent Registration No.:___________________________________________

3. Program: M.Sc. in Agricultural Extension

4. Title of Research Topic:_________________________________________________

5. Name & Address of Research Guide:_____________________________________

6. Introduction:
   ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________
   (1-2 Pages)

7. Explanation of Problem
   ______________________________________________________________________
   ______________________________________________________________________
   (1 Page)

8. Research Objective and Research Hypothesis:
   8.1 ______________________________________________________________________
   8.2 ______________________________________________________________________
   8.3 ______________________________________________________________________
   8.4 ______________________________________________________________________
   8.5 ______________________________________________________________________
   (3 objectives for M.Sc. program)

9. Review of Literature:
   ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________
   ______________________________________________________________________
   (2-3 Pages)

Note: Review of literature should include only relevant and recent references of research carried out during last 5 years.
10. Research Methodology:

_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Note: Research Methodology includes location of Research Area, Sample Size and its Distribution, Research Methods, Testing of Hypothesis, Importance and Limitations of Studies, Survey Techniques and Procedures, Schedule and Questionnaire of Survey, Format for Collection of Data, use of primary or secondary data, source of data, tools and techniques for data analysis.

11. Time Frame of Research:

_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Note: Prepare your plan of month wise activities of research thesis and fit it in to your time frame. Your six Monthly Progress Report shall be in consistent with your time frame of Research Work.

12. Literature Cited:

_____________________________________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________

Note: Literature shall be cited by internationally accepted and approved system. (e.g. Review of Literature cited in the Journal of Maharashtra Agricultural Universities.

Name & Signature of Research Fellow with date

Name & Signature of Research Guide with date

Important Instruction: The candidate shall prepare ORW in consultation with the Research Guide in Four Copies duly approved and signed by the Research Guide: One for you and Three Copies for the Panel of Expert Evaluators. Approved copies of ORW shall be sent to each Expert Evaluators, 10 days before the date of your presentation.
Appendix 5 : Scale for Evaluation for PGR Student’s Presentations

School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik - 422 222, M.S., India

PGR Program: Scale for ORW / SRW / Viva Voce Examination Evaluation

Name of the Research Fellow: _____________________________________________

Topic of Research:_________________________________________________________

Instruction: Please Encircle one of the five continuum (1,2,3,4,5) against each item. These figures represent a Five-Point Scale, where 1=Poor, 2=Average, 3=Good 4=Very Good and 5=Excellent

1. Preparation (10% Weightage)
   1.1 Format & Layout of the ORW/SRW ........................................ 1 2 3 4 5
   1.2 Language, Style & Consistency .............................................. 1 2 3 4 5

2. Content (40% Weightage)
   2.1 Theoretical Background ...................................................... 1 2 3 4 5
   2.2 Organization and Coherence .................................................. 1 2 3 4 5
   2.3 Information (Accuracy, Adequacy, Relevancy) ......................... 1 2 3 4 5
   2.4 Discussion of Different Perspectives ....................................... 1 2 3 4 5
   2.5 Use of Higher Thought Processes .......................................... 1 2 3 4 5
   2.6 Discussion of Issues, Research Questions, Hypothesis & Implications 1 2 3 4 5
   2.7 Significance, Importance & Limitations of the Topic/Problem ......... 1 2 3 4 5
   2.8 Precision of Summary and Conclusions ................................... 1 2 3 4 5

3. Presentation (20% Weightage)
   3.1 Planning & Systematic (Time Management in Presentation) ............ 1 2 3 4 5
   3.2 Use of Different Modalities (Use of LCD/Audio-Video Aids/Handouts) 1 2 3 4 5
   3.3 Expression & Explanation with examples (Clear, Audible, Fluent) ........ 1 2 3 4 5
   3.4 Use of Summary and Synoptic Conclusion ................................... 1 2 3 4 5

4. Open Defense (20% Weightage)
   4.1 Promptness, Preciseness and Accuracy .................................... 1 2 3 4 5
   4.2 Openness to Different Points of Views ...................................... 1 2 3 4 5
   4.3 Openness to one’s Own Shortcomings and Humility ..................... 1 2 3 4 5
   4.4 Relevancy of Reply and Information ........................................ 1 2 3 4 5

5. Interactive Personality (10% Weightage)
   5.1 Confidence & Resourcefulness .............................................. 1 2 3 4 5
   5.2 Evidence of High Quality Inputs (Studiousness & Hard work) .......... 1 2 3 4 5

Total…………        .... + ... +... + ... + ...=100

Note: Obtaining Minimum 50% Marks is required to Clear the ORW / SRW Viva Voce Examination

General Observation, Instructions, Remarks and Recommendation

Place: Nashik
Date:

Signature & Name of Evaluation Expert
Explanation & Meaning of Technical Terms:


2. **Organization and Coherence Mean:** Meaningful Sequence of the Content.

3. **Discussion of Different Perspectives Means:** Tackling the Problem with Different Dimensions / Different Views / earlier Work done in the area.

4. **Use of Higher through Processes Means:** Ability to apply various stages of cognitive domain like knowledge, comprehension, application, analysis, synthesis and evaluation.

5. **Discussion of Issues / Research Question & Hypothesis / Implications Means:** How different ideas were discussed in the paper and how he can justify the relevance at the study / investigation, while conducting actual research, there may crop up several questions, which are to be answered by the researcher with the help of research findings. These questions are formulated and stated in research proposals. In experimental design & research hypotheses are framed in place of research question. These hypotheses are to be statistically verified with the help of research findings.

6. **Significance/Importance/Limitations of Topics/Problem Means:** How Universality is shown in the research? What gap this research would fulfill in the field of knowledge and how can it help in devising solution to the problems related to research. What are the Strengths and Weaknesses of the Research?

7. **Planning and Systematic Presentation Means:** Systematic Planning and Presentation of necessary information & data within the allotted time.

8. **Expression & Explanation Means:** The presenter has to present with full Confidence. His Competency will depend upon how well he has Planned, Organized and Led the group and finally evaluated the reactions of the audience.

9. **Use of Summary and Synoptic Conclusion Means:** Ability to Summarize the Content in a Synoptic way.

10. **Use of Elaborations Means:** Elaboration indicated the Capability of a student for giving relevant examples, Explanation in his own language.

11. **Humility Means:** After listening the question the student should not be Aggressive/Confused. He should be calm and quiet and answer the question with Full Confidence without any extreme impression about the Experts.

12. **Resourcefulness Means:** Students should be enriched with relevant information and should try to answer every question raised during the discussion in the house.
Checkpoints for ORW / SRW Presentation:

1. **Evidence of an Original Investigation:**

   1.1 Whether the **Aims & Objectives** of Research work has clearly defined
   1.2 Whether **Explanation of Problem cum Hypothesis** is clearly defined
   1.3 Whether **Relationship between Current & Previous Research** findings stated with similarities & differences.
   1.4 Whether the **Nature & Extent of Original Contribution** would be clear & evident.

2. **High Level Competence in Research Investigation:**

   2.1 Whether Research Methodology used is **Appropriate, Justified and Properly Described.**
   2.2 Whether Variables & Parameters **Recognized, Controlled and Measured** properly.
   2.3 Whether **Valid & Reliable Instrument** (Tools, Techniques, Model, Formula, Schedule and Questionnaire) used for collection of data.
   2.4 Whether **Null Hypothesis OR Positive Hypothesis** is in Consistent with the Objectives drawn.

3. **Critical use of Published Work & Resource Material:**

   3.1 Whether literature referenced is **Absolutely Pertinent to Research Investigation.**
   3.2 Whether **Due Credit is given to Previous Researcher** for ideas, techniques, scales, formula or model used by you.
   3.3 Whether **Higher Skill of Mining and Abstracting** of previous literature & data is shown.
   3.4 Whether research contribution would make **Distinct Contribution to the Present Body of Knowledge** and **to what extent the research work** would open up New Areas for Further Research investigation.
Appendix 6 : Format for Submission of Six Monthly Research Progress Report:

Date: ____________

To,
The Director
School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

Sub.: Submission of Six Monthly Research Progress Report for the Period
       from _____________ to _____________

1. Name of student: _________________________________________________________
2. Registration No.: _________________________________________________________
3. Degree Program: __________________________________________________________
4. Title of Thesis: ___________________________________________________________
5. Name of Research Guide: _________________________________________________
6. Six Monthly Progress Report No.: __________________________________________
7. Research Progress Report shall be given in Detail:
       _______________________________________________________________________
       _______________________________________________________________________
       _______________________________________________________________________

Place: ......................
Date: ......................                                     Name & Signature of Student

8. Research Guides Remarks:
       _______________________________________________________________________
       _______________________________________________________________________

Overall Evaluation of Research Progress: Satisfactory / Unsatisfactory

Place: ......................
Date: ......................                                     Name & Signature of Research Guide

Note: Research Student should write Six Monthly Research progress report and hand over to the
       Research Guide along with stamped envelope. The Research Guide shall Evaluate the Students
       Progress with the written Remarks and forward it to The Director, School of Agricultural
       Sciences, YCMOU, Nashik – 422 222.
Appendix 7 : Format for Synopsis of Research Work (SRW)

Front Page

Title of the Synopsis

_A Synopsis as a Part of Requirements for the Degree Program of_

Master of Science
in
Agricultural Extension

_by_

Name of the Student
Permanent Registration No. : ......................

_To_

The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

2018
Inside pages

01. Name & Address of Student: ___________________________________________

02. Registration No. : ___________________________________________________

03. Program: **M.Sc. in Agricultural Extension**

04. Title of Thesis : _____________________________________________________

05. Name & Address of Research Guide: _________________________________

06. Abstract of Research: *(in italic)*

______________________________________________________________________(20 lines)

07. Introduction :

_____________________________________________________________________(30 lines)

08. Objectives of Research & Hypothesis:

8.1 ____________________________________________

8.2 ____________________________________________

8.3 ____________________________________________

8.4 ____________________________________________

8.5 ____________________________________________(10 lines)

09. Research Methodology: ____________________________________________

_____________________________________________________________________(30-40 lines)

10. Results & Discussion: _____________________________________________

_____________________________________________________________________(50-60 lines)

11. Summary & Conclusion: ___________________________________________

_____________________________________________________________________(20-30 lines)

12. Literature Cited: _________________________________________________

_____________________________________________________________________(20-30 lines)

Name & Signature of Student

Approved by the Research Guide:

Name & Signature of Research Guide
Appendix 8: Format for Thesis Writing and Submission:

Front Page

Title of the Thesis

A Thesis submitted for the partial fulfillment of the requirements for the Degree of

Master of Science in Agricultural Extension

by
Name of the Student
Permanent Registration No. ....................... 

To
The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

2018
Title of the Thesis

A Thesis submitted for the partial fulfillment of the requirements for the Degree of

Master of Science
In
Agricultural Extension

by
Name of the Student
Permanent Registration No. .........................

To
The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

2018
Title of the thesis

A Thesis submitted to the

The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

In partial fulfillment of the requirements for the Degree of

Master of Science in Agricultural Extension

by

Name & Signature of the Student

Name & Signature of Research Guide

Director
School of Agricultural Sciences, YCMOU, Nashik
The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

1. Title of Thesis:______________________________________________________________
2. Name of the Student: _______________________________________________________
3. Registration No. & Year: ____________________________________________________
4. Name of Research Guide: ___________________________________________________
5. Degree & Discipline: **M.Sc. in Agricultural Extension**
6. Year of Award of Degree: 2018

**ABSTRACT (in italic)**

____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

(upto 30 lines in 3-6 paragraphs)

Signature & Name of Student

Dated:............

Signature & Name & Research Guide
Candidate’s Declaration

I hereby declare that the thesis entitled________________________________________
______________________________________________________________
submitted for the degree of Master of Science in Agricultural Extension to the School of Agricultural Sciences, Yashwantrao Chavan Maharashtra Open University, Nashik - 422 222, Maharashtra, INDIA, has not been previously submitted by me for any degree, diploma or distinction of any other organization in India or abroad.

Place : ___________  Signature & Name of the Student
Date : ___________
Research Guide’s Certificate

This is to certify that the thesis entitled ____________________________________________
________________________________________________________________________________
submitted in partial fulfillment of the requirements for the degree of Master of Science in Agricultural Extension to the School of Agricultural Sciences, Yashwantrao Chavan Maharashtra Open University, Nashik - 422 222, Maharashtra, INDIA, is a faithful record of bona-fide research work carried out by Mr./Ms __________________________________________ under my guidance and supervision and the data to the best of my knowledge and belief is genuine and original. No part of this research work has been submitted for any other degree, diploma or distinction of any other organization in India or Abroad.

It is further certified that the help and assistance received during the course of investigation have been duly acknowledged.

Place : ___________  Signature & Name of the Research Guide

Date : ___________
Acknowledgement

__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
(Max 30 lines)

Signature & Name of the Candidate
## Contents

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Particulars</th>
<th>Number of Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>INTRODUCTION</td>
<td>10-15</td>
</tr>
<tr>
<td>2.</td>
<td>REVIEW OF LITERATURE</td>
<td>20-30</td>
</tr>
<tr>
<td></td>
<td>2.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>RESEARCH METHODOLOGY</td>
<td>20-30</td>
</tr>
<tr>
<td></td>
<td>3.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>RESULTS AND DISCUSSION</td>
<td>100-150</td>
</tr>
<tr>
<td></td>
<td>4.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>“”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.20</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>SUMMARY AND CONCLUSIONS</td>
<td>10-15</td>
</tr>
<tr>
<td></td>
<td>5.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.3</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>LITERATURE CITED</td>
<td>10-15</td>
</tr>
<tr>
<td>7.</td>
<td>APPENDICES:</td>
<td>10-15</td>
</tr>
<tr>
<td>8.</td>
<td>CURRICULUM VITAE:</td>
<td></td>
</tr>
</tbody>
</table>

*Note: 1. The Volume for M.Sc. Thesis should be 150-200 Pages and for Ph.D. Thesis 250-300 Pages inclusive of all 2. Page Number shall be given at central part of the bottom of the Pages.*
## List of Tables

<table>
<thead>
<tr>
<th>Table No.</th>
<th>Particulars</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table No. 1</td>
<td>XXXXXXXXX</td>
<td>XXX</td>
</tr>
</tbody>
</table>

## List of Figures

<table>
<thead>
<tr>
<th>Figure No.</th>
<th>Particulars</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure No. 1</td>
<td>XXXXXXXXX</td>
<td>XXX</td>
</tr>
</tbody>
</table>

## List of Plates

<table>
<thead>
<tr>
<th>Plate No.</th>
<th>Particulars</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate No. 1</td>
<td>XXXXXXXXX</td>
<td>XXX</td>
</tr>
</tbody>
</table>

**Instructions:**

1. This is the format of Thesis Evaluation. Thesis Evaluator is required to type Thesis Evaluation Report by using this format.
2. All corrections and indications of topographical errors inside the thesis shall be made with ball point pen in Red Ink.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Title of the Thesis: ............................................................</td>
</tr>
<tr>
<td>2.</td>
<td>Name &amp; Address of Student: ...............................................</td>
</tr>
<tr>
<td>3.</td>
<td>Registration No: ..................................................................</td>
</tr>
<tr>
<td>4.</td>
<td>Name &amp; Address of Research Guide: .....................................</td>
</tr>
<tr>
<td>5.</td>
<td>Degree and Discipline: M. Sc. in Agricultural Extension</td>
</tr>
<tr>
<td>6.</td>
<td>Comments &amp; Suggestions:</td>
</tr>
<tr>
<td></td>
<td>6.1 Selection of the Topic &amp; Objectives: ..........................</td>
</tr>
<tr>
<td></td>
<td>6.2 Review of Literature: .....................................................</td>
</tr>
<tr>
<td></td>
<td>6.3 Research Methodology: ...................................................</td>
</tr>
<tr>
<td></td>
<td>6.4 Results and Discussion: .................................................</td>
</tr>
<tr>
<td></td>
<td>6.5 Typographical and Grammatical Errors: .........................</td>
</tr>
<tr>
<td></td>
<td>6.6 General Remarks: ............................................................</td>
</tr>
<tr>
<td></td>
<td>6.7 Recommendations:</td>
</tr>
</tbody>
</table>

I recommend that the thesis submitted by Mr./Ms. be Accepted OR Accepted with Corrections OR accepted with Modifications OR Rejected for the award of M. Sc. degree in the Discipline of Agricultural Extension of Yashwantrao Chavan Maharashtra Open University, Nashik.

Place: ......................  
Date: ......................  

Signature & Name of External Referee

The External Examiner shall evaluate the M.Sc. Thesis and shall allot marks to each parameter as below:

The School of Agricultural Sciences  
Yashwantrao Chavan Maharashtra Open University  
Nashik – 422 222, Maharashtra, INDIA

1. Name of the Student: ____________________________________________________
2. Registration No. : _________________________________________________________
3. Name of Research Guide : _________________________________________________
4. Program: **M.Sc. in Agricultural Extension**
5. Title of the Thesis: _______________________________________________________

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Distribution of Marks</th>
<th>Maximum Marks</th>
<th>Marks Allotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Selection of Research Topic and its Relevance in Present Context.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Review of Literature, Research Methodology, its Relevance and Appropriateness to Research Area</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Results and Discussion and its Effectiveness in Interrelations</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Tabulation, Graphs, Photographs and their Presentation and Layout</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Overall Appearance, Format, Layout and Binding</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>100</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Recommendation:**

The Thesis entitled ________________________________________________ submitted by Mr./Ms. _______________________________ to the School of Agricultural Sciences, YCMOU, Nashik for award of M.Sc. in Agricultural Extension be *Accepted OR Accepted with Corrections & Modifications OR Rejected* for the award of said degree.

Place: _______ Signature, Name & Address of the External Examiner  
Date: ______

**Note:** *The Detail Report stating errors, lacunas and discrepancies observed in the Thesis and suggestions thereof are enclosed separately with this report.*
Appendix 11: Format for Evaluation of Student in Viva-Voce Examination

The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

1. Name of the Student: ________________________________________________
2. Registration No.: ____________________________________________________
3. Program: **M.Sc. in Agricultural Extension**
4. Title of the Thesis: ___________________________________________________
5. Allotment of Marks: ______ Out of 100

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Distribution of Marks</th>
<th>Max.</th>
<th>Marks Allotted by Experts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1) (2) (3)</td>
</tr>
<tr>
<td>1.</td>
<td>Selection of Topic and its Relevance to Present Situation</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Information about Research Methods, Tools and Techniques</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Knowledge about Application Of Research in Real Life Situation</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Presentation and Correlation Of Research with Data</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>General Knowledge and Awareness In the Discipline</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>100</strong></td>
<td></td>
</tr>
</tbody>
</table>

**INTERNAL REFEREE (1):\hspace{2cm} EXTERNAL REFEREE (2):\hspace{2cm} CHAIRMAN (3)**

**THE VIVA-VOCE COMMITTEE FOR EVALUATION**

*M.Sc. Program in Agricultural Extension: Prospectus: 29*
Appendix 12 : Format for Students Record Sheet (M.Sc. Program)

The School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Nashik – 422 222, Maharashtra, INDIA

1. Name and Address of the Student: ________________________________
2. Program: _______________________________________________________
3. Registration No. & Year : _________________________________________
4. Title of Thesis: _________________________________________________
5. Name and Address of Research Guide: _____________________________
6. Year of Completion _____________________________________________

**M.Sc. Students Academic Record Sheet**

<table>
<thead>
<tr>
<th>Academic Requirements</th>
<th>Max. Marks</th>
<th>Marks Obtained</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Component (A) Course Work (CW)</strong></td>
<td>600</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-401: Foundation in Agricultural Extension</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-402: Advances in Agricultural Extension</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-403: Agricultural Extension Management</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-404: ICT in Agricultural Development</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-405: Research Methods &amp; Statistical Analysis</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-406: Scaling Techniques in Social Sciences</td>
<td>100</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Component (B) Research Work (RW)</strong></td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGR-407: Research Thesis in Agricultural Extension</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td>800</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average Percentage of Marks: %

Securing Minimum 50 out of 100 marks is compulsory to recommend for Award of Degree.

Forwarded with Recommendation to the Controller of Examinations for Award of Master of Science Degree in Agricultural Extension.

**PGR Program Co-ordinator**
School of Agricultural Sciences

**Director**
School of Agricultural Sciences
Appendix 13: Pre-Admission Form for M.Sc. Program

School of Agricultural Sciences
Yashwantrao Chavan Maharashtra Open University
Dnyangangotri, Near Gangapur Dam, Nashik - 422 222

M.Sc. in Agricultural Extension: Pre-Admission Form

To,
The Controller of Examination
Yashwantrao Chavan Maharashtra Open University
Nashik-422 222

Dear Sir,
I read the Program Prospectus of Post graduate and Research program in Agricultural Extension of the Yashwantrao Chavan Maharashtra Open University, Nashik

Instructions for filling Pre-Admission Form:
1. Attach your Qualifying Examination Marksheet and Social Reservation (Caste) Certificate with pre-admission form.
2. Attach your Certificate to claim for Parallel Reservation (if applicable).
3. Name in Full: ________________________________________________________________
4. Address for Communication ______________________________________________________
5. Phone/Cell No.: __________________________ Email: ____________________________
6. Date of Birth: __________________________
7. Gender: Male □ Female □ Transgender □
8. Marks Obtained in Qualifying Examination: _________ __._________%
9. Your Social Reservation Category (Tick [✓] after the category).
   7.1 Schedule Caste (SC) □ 7.2 Schedule Tribe (ST) □ 7.3 Vimukta Jati (VJ-A) □
   7.4 Nomadic Tribes (NT-B) □ 7.5 Nomadic Tribes (NT-C) □ 7.6 Nomadic Tribes (NT-D) □
   7.7 Special Backward Class (SBC) □ 7.8 Other Backward Class (OBC) □ 7.9 (Gen/UR) □
10. Are you belong to VJ-NT, OBC, SBC category ? Yes □ No □: If Yes Attach Non Creamy Layer Certificate.
11. Your Parallel Reservation Class
   9.1 Women □ 9.2 Project Affected Person (PAP) □ 9.3 Physically Handicapped (PH) □
   9.4 Children of Freedom Fighter (FF) □ 9.5 Children of Defence Person (DP) □
12. Remark: __________________________

Place: ____________
Date: ____________
Signature & Name of Candidate