

# Self - Study Report for Accreditation

2015-16 to 2019-20



Maharani Avanti Bai College of Home Science, Kanpur



Chandra Shekhar Azad  
University of Agriculture & Technology, Kanpur - 208002

# Self Study Report

For Accreditation of Undergraduate & Post  
graduate Programmes and Maharani Avantibai  
College of Home Science

2015-16 to 2019-20



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## Foreword

I feel immense pleasure in presenting the self study report for accreditation of Maharani Avantibai College of Home Science, Chandra Shekhar Azad University of Agriculture & Technology, Kanpur. Since, its inception in the year 1983-84 as a Department of Home Science, the college has maintained high standards in the basic and applied issues to improve rural life and family system. The college is imparting teaching in undergraduate, post graduate and Ph.D. programme. More than 106 students have been awarded Master's Degree in five disciplines and 13 students have been awarded Doctorate Degree in FRM and ECM disciplines during 2015-16 to 2019-20. Six post doctoral fellows sponsored by UGC have worked in ECM Department. About 23 books and one manual have been published by the faculty in the previous five years. Fifty two awards including certificates of appreciation and recognition were received by faculty members for their contribution in the field of Home Science. The faculty of Home Science has undertaken 4 research projects funded by UPCAR and ICAR and one extension project on Nutrifarm funded under RKVY. About 182 research papers have been published in Journals of national and international repute by the faculty.



I feel pride to take the opportunity to express my sincere gratitude to Hon'ble Vice Chancellor for his dynamic vision and encouragement. I am grateful to the members of the task force committee for providing the information for preparation of the Self Study Report. The faculty has done best to upgrade its performance.

*Ved Ratan*  
10.01.2021

**(Ved Ratan)**  
Dean

# Task Force Committee for the Self Study Report

**Chairman:** Dean, Maharani Avantibai College of Home Science

**Coordinator/ Member Secretary:** Dr. Neelma Kunwar, Professor

## Task Force Committee

<b>Task</b>	<b>Member</b>	<b>Designation</b>
History and Development of College	Dr. Neelma Kunwar	Professor
Mission, Goals & Objectives	Dr. Mithilesh Verma	Associate Professor
Organization & Governance	Dr. Rashmi Singh	Associate Professor
Academic Programme and Curricula	Dr. Seema Sonkar	Associate Professor
Faculty and other Human Resource	Dr. Mukta Garg	Associate Professor
Students and Students Development	Dr. Archana Singh	Associate Professor
Research	Dr. Ritu Pandey	Assistant Professor
Extension Education	Dr. Nimisha Awasthi	Training Assistant
Library and other learning resource	Dr. Sangeeta Gupta	Assistant Professor
Physical facilities	Dr. Seema Sonkar	Associate Professor
	Dr. Vineeta Singh	Associate Professor
Finance Resource	Dr. Mithilesh Verma	Associate Professor
	Sri Girja Shankar Katiyar	Assistant Account Officer
SWOT Analysis and Summary	Dr. Neelma Kunwar	Professor
Editor	Dr. Neelma Kunwar	Professor
	Dr. Archana Singh	Associate Professor
	Dr. Rashmi Singh	Associate Professor
	Dr. Arvind Kumar Singh	Addl. Director Extension

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# **SELF STUDY REPORT FOR UG PROGRAMME IN HOME SCIENCE**



**Maharani Avantibai College of Home Science,  
Chandra Shekhar Azad University of Agriculture Technology,  
Kanpur - 208002**

### 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

After the establishment of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, the University in its 38<sup>th</sup> meeting of the Board of Management held on 29<sup>th</sup> July 1981 considered and approved SND Schemes for the year 1981-82 through which the concept of imparting Home Science education,



the science and art of managing the farm/ rural family system, took birth. The general consensus amongst the learned members of the Board of Management to this concept, culminated in the consolidation of it and thus, a decision to start Home Science as a discipline under the umbrella of the Faculty of Agriculture took shape. According to the Statutes of the University, there exists a provision for a Home Science College [Section 28 (1)] and a Home Science Faculty [Section 17 (1)]. After a couple of years of serious thinking and planning, the Faculty of Agriculture opened the Department of Home Science in the University in 1983-84.

Thus, from a humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh in specific and elsewhere in the country in general. 5 departments were established under the faculty of Home Science, namely – (1) Child Development, (2) Food and Nutrition, (3) Family Resource Management (4) Textiles and Clothing and (5) Extension Education and Communication Management.

Maharani Avantibai College of Home Science is offering undergraduate and postgraduate programme leading to B.Sc. (Hon's.) Home Science and M.Sc Home Science Degree in Human Development and family Studies, Food Science and Nutrition, Family Resource Management, Textile & Clothing and Extension and Communication Management. Ph.D. (Home Science) of 3-years duration has been started in two disciplines since 2002-03, while Ph.D. in remaining three departments of Home Science has started from academic session 2020-21. The intake approval for admission is 52 students including 15% ICAR seats per year in B.Sc. (Hons.) Home Science and 38 students including 25% admission from ICAR in five disciplines of M.Sc. (Home Science) whereas, two each in Ph.D. in Family Resource Management and Extension Education and Communication Management department.

## Degree Programmes

B.Sc. (Hons.) Home Science/ Community Science

## Year in which degree started

1983-84

## Goal

The Maharani Avantibai College of Home Science came into existence with a view point of creating an enriched open source of sustainable trained human resource ready to take up the responsibilities of accelerating the standard of living of individual in general and rural families and communities in particular through teaching, research and extension activities.

## Objectives

The Maharani Avantibai College of Home Science is working as one of the constituent colleges of the Chandra Shekhar Azad University of Agriculture & Technology, Kanpur and functioning to fulfill objectives set in the Act of the University. The objectives are as follows:

- The main objective is to train need based quality human resource in consonance with need of the public and private sector organizations, conduct basic and applied research to solve both the existing and long term problem and arrange Human Resource Development (HRD) programme for effective transfer of technology.
- To disseminate knowledge of appropriate technology and develop skills and abilities to use knowledge to achieve economic independency by means of self employment for the holistic improvement in quality of farm/rural families.
- To strengthen skills and potentials of students through scientific principles, knowledge and experience acquired for optimum living also develop the entrepreneurial skills at various levels.
- To develop national and international linkages for education, research and extension.

## Accomplishments

Maharani Avansi Bai College of Home Science offers B.Sc. (Hons.) Community Science as a under graduate degree during the last five years 2015-16 to 2019-20 **total 169 students have been awarded** under graduate degree in B.Sc. (Hons.), Home Science/Community Science. The all faculty of Maharani Avantibai College of Home Science is having doctorate degree in concerned subject and one faculty possesses D.Sc. degree to achieve academic excellence. The teachers of the faculty of home science have attended national and international workshops, seminars, conferences on core topics related to their subjects. Faculty has authored more than 23 books and 182 research papers in national and international referred journals. Teachers of the College of home science have received 52 awards including certificates of appreciation/ rcognition.

### 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

The Maharani Avantibai College of Home Science has courses in basic science, agriculture science and Home Science. The Faculty has five departments under its umbrella and each deal with one major area of Home Science. At present there are five departments viz: Food Science and Nutrition, Human Development and Family Studies, Textiles and Clothing, Extension Education and Communication Management and Family Resource Management in college of Home Science

The faculty strength is given below:

Sl. No.	Designation	No. of Sanctioned Posts	In Position	Vacant	Total	Faculty Recommended by ICAR
1.	Dean	01	-	01	01	01
2.	Professor	04	01	03	04	03
3.	Associate Professor	10	07	05	12	05
4.	Assistant Professor	16	01	15	16	22
5.	Associated Faculty	-	06	-	06	-
6.	Teaching Associate	-	05	-	05	-
7.	Full time attached faculty	-	02	-	02	
<b>Total</b>		<b>31</b>	<b>22</b>	<b>24</b>	<b>46</b>	<b>31</b>

#### Faculty profile (Department-wise)

S.N.	Name of Teacher	Designation	Specialization
<b>Department of Extension Education and Communication Management</b>			
i.	Dr. Neelma Kunwar	Professor	Extension Education and Management
<b>Department of Food Science and Nutrition</b>			
i.	Dr. Seema Sonkar	Associate Professor	Food Science & Nutrition
ii.	Dr. Vinita Singh	Associate Professor	Food Science & Nutrition
<b>Department of Textile and Clothing</b>			
i.	Dr. Archana Singh	Associate Professor	Textiles & Clothing
ii.	Dr. Ritu Pandey	Assistant Professor	Textiles & Clothing
<b>Department of Family Resource Management</b>			
i.	Dr. Rashmi Singh	Associate Professor	Food Science and Nutrition (Attached)
<b>Department of Human Development and Family Studies</b>			
i.	Dr. Mukta Garg	Associate Professor	Human Development

- All the faculty members' possessed Ph.D. degree and. one faculty member possessed D.Sc. Degree.

#### Associated Faculty from other colleges of the University

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Nand Kumar	Assistant Professor	Bio-chemistry
2.	Dr. S.D. Dubey	Assistant Professor	Microbiology
3.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
4.	Dr. Ram Ji Gupta	Professor	AH & Dairying
5.	Dr. V.K. Tripathi	Professor	Fruit Science
6.	Sri Ajit Singh	Computer Designer	Computer

### Full time attached faculty from other colleges of the university

S. N.	Name of full time attached faculty	Designation	Specialization
1.	Dr. Mithlesh Verma	Associate Professor	Extension Education and Communication Management
2.	Dr. Sangeeta Gupta	Assistant Professor	

### Teaching Associate

Year	Course	Teaching Associate	
2015-2016	1. Family Resource Management	Dr Aradhana Kushawaha Dr Shivangi Shukla	
	2. Textile and Clothing	Sumayal Anjum	
	3. English	Dr Upendra Dwivedi	
2016-2017	1. Family Resource Management	Dr Aradhana Kushawaha Dr Anchal Sharma	
	2. Textile and Clothing	Sumayal Anjum	
	3. English	Dr Upendra Dwivedi	
2017-2018	1. Family Resource Management	Dr Aradhana Kushawaha Dr Reema	
	2. Textile and Clothing	Sumayal Anjum	
	3. Physics	R.S. Baghel	
2018-2019	1. Family Resource Management	Dr Aradhana Kushawaha Dr Kirtima Sachan Ms Soumya Awasthi	
		2. Textile and Clothing	Sumayal Anjum
		3. English	Mrs Rakkumari Kachru Mrs Geetshikha
	1. Family Resource Management	Dr Snehlata Dr Reema	
		2. Human development	Ms Jyoti Kharus
3. English	Mrs Geetshikha		
4. Economics and marketing	Dr Babu Singh		

### 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

The strength of Technical and Supporting Staff is given below:

Sl. No.	Designation	No. of Sanctioned Posts	In Position	Vacant	Total
1.	Computer Programmer	01	01	-	01
2.	Stenographer	01	01	-	01
3.	Sr. Assistant	01	01	-	01
4.	Jr. Assistant	02	03	-	02
5.	Lab Attendant	02	02	-	02
6.	Watchman	01	01	-	01
7.	Peon	01	01	-	01
<b>Total</b>		<b>09</b>	<b>09</b>		<b>09</b>

#### 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

#### Number and space for classrooms and laboratories

Particular	Number	Size (ft.)	Seating capacity (Students)
Smart class room	01	22.3×23.3	40
Classrooms	03	22.3×22.10	40
	01	30' × 36	40
	01	32.16× 36	40
	01	22.3 × 20.4	40
	02	12× 10.9 10 × 11	40
Lecture Hall	02	22.2× 22.2 22.2× 22.5	40
<b>Laboratories</b>			
Computer Lab	01	22.4×17	40
Laboratories	03	22.5× 22.1	40
		22.5× 22.5	
		22.3× 22.2	
Food Processing Lab	01	40.8x 30.4	40
Food Analysis Lab	01	42 x 33	40
Institutional Management Lab	01	42.9 x 29.7	40
Cooking Lab	01	22.9x21.5	40
Testing Lab	01	41.0x33	40
Nursery Observation Laboratory	01	42.9 x 29.7	40
Textile science	01	22.5×23	40

laboratory			
Garment construction laboratory	01	22.9×22.8	40
Dying and Printing laboratory	01	34.4×22.1	40
Textile testing laboratory	01	30.4×20.1	40
Laboratory -1 UG	01	22.3×23.3	40
<b>Other</b>			
Staff Room	01	23×16.8	30

### Laboratories alongwith the equipments

SN	Particulars	Facilities/Equipments
<b>A. Laboratories</b>		
1.	Department of Textiles & Clothing	<p>i. <b>Textile science laboratory:</b> This lab is being used by under graduate and post graduate students for chemical and burning test of various textile fibers. Practical related to laundering are also being conducted in this lab for UG students.</p> <p>ii. <b>Garment construction laboratory:</b> Undergraduate as well as post graduate students do practical related to cutting, stitching and finishing of garments. Twenty sewing operates are lying in this lab.</p> <p>iii. <b>Dying and Printing laboratory:</b> Different types of dyeing and printing methods are being practiced by under graduate students. This lab has straight printing tables for block printing and started printing table for screen printing.</p> <p>iv. <b>Textile testing laboratory:</b> This lab is being used by post graduate students only for physical testing of fibers, yarns and fabrics at grey as well as finished stage. Various instruments used for physical testing of textiles are lying in this laboratory.</p> <p><b>Equipments</b>            Bursting strength tester, tensile strength tester, per spirometer, launder-o-meter, stiffness tester, fabric thickness gauze, foot operated sewing machine, fashion maker, hand operated sewing machines, ironing boards mannequins, dyeing machine, water refrallancy tester, yarn twist tester, projection microscope</p>
2.	Department of Family Resource Management	Oven, oven toaster griller, otgs 1930, overhead projector, micro grill mc2143cb, vacuum cleaner, exercise gym cycle, washing machine, refrigerator, cooking range, mixer, digital podium, digital projector, speakers(2), AC(2).
3.	Department of Food Science & Nutrition	<p>i. <b>Food Laboratory:</b> Contain specialized instruments and food processing equipment to enable experimental processing of different types of food types of food production.</p> <p>ii. <b>Institutional Management Laboratory:</b> It is a real life classroom laboratory managed by food sciences and nutrition staff and managing such laboratory provide opportunities to learn about food service operations, including production, service and business accounting though hands on experience.</p> <p>iii. <b>Food analysis Laboratory:</b> This lab facilitates learning through research works in well-equipped chemistry, microbiology, nutrition lab to find out the solution to food quality, safety and security issues.</p>



		<p>Undergraduate and graduate students work in the laboratory to discover new approaches to the challenges in the field of Food Science &amp; Nutrition.</p> <p><b>Equipments</b>  Weighing balance max. 200 g, weighing balance digital 0.1mg to 200g, weighing balance (physical), magnetic stirrer, photo colorimeter, digital spectrophotometer, muffle furnace , inoculation chamber, water bath, digital colony, counter, steam jacket, auto clave, microscope, centrifuge, distillation unit, mantle heater, kjeldhal digestion apparatus, wet grinder, hot air oven, shaker, incubater, bod incublator, pipette washer.</p>
4.	Department of Human Development and Family Studies	<p>i. <b>Nursery Observation Laboratory:</b> Nursery Observation Laboratory facilitates students to observe and study growth and development of young children. It is equipped with various play equipments for enhancing children’s large muscle development and specific play materials to promote small muscle development in children, creativity and cognitive, social and emotional development. It is also equipped with various play-way teaching aid materials.</p> <p><b>Equipments</b>  Humpty Dumpty, Cycle, Plastic Tub (Big &amp; Small), Car, Slide with Tunnel &amp; Hut, Soft Ball (full packet), Wooden Boat, Plastic Roaker, Slide (Small), Sea Saw, Doll Play house (Open), Hut shape balloon house, Blocks, Music system, Basket ball, Puppets, Wood Stage, Height measuring rod, Weighing scale, Essal board, Marry go round, Sand pit (Tortoise).</p> <p>ii. <b>Testing Laboratory:</b> The Testing Laboratory is equipped with various psychological tests that are required for the purpose of assessment of physical, motor growth and development of different aspects of development such as intelligence, personality, emotional competence, social maturity of children etc.</p> <p>Some other standardized scales viz emotional competency, aptitude scale, parental encouragement scale, home environment inventory are also available in the testing laboratory.</p>
5.	Department of Extension Education and Communication Management	<p>Computer, Printer, Scanner, colour Printer, Laptop, TV, Projector, Solar lights, Packaging machine, Roti maker.</p>

## 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practicals for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the practicals first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at their own to build up confidence in the students for independent accomplishment of the exercise. A total of 47 courses are being taught at undergraduate level in B.Sc. (Hon's.) Home Science / Community Science. Practical Manuals have been prepared are also being used as Exercise book by the students.

Generally, the college adopts the practical classes outlined in the syllabi recommended by V<sup>th</sup> Deans' Committee, in addition to that based on the availability of working models. projects by the passed out students developed during their hands on training in departments. Students get ample opportunities to have exposure of one month each in their second and third year degree programme at government/private institution/workshop/plants. Likewise in the seventh semester of their degree programme students are again provided an opportunity to try their applied knowledge through hands on training in different institutions/plant/industries/local organizations at inter /intra states under RAWA and Student READY.



## 6.4.6. Supervision of Student in PG/Ph.D. Programme

*Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.*

### **Institutional Growth and Present Status**

#### **Undergraduate B.Sc. (Hons) Home Science/ Community Science:**

With the passage of time, the academic programme offered by the College also grew in complexity. The college initially offered an education programme of four years of B.Sc. (Hons) Home Science/ Community Science in which students of both Art and Science disciplines admitted. But after the recommendation of ICAR IV Deans Committee only students from Science backgrounds were eligible to get admission at under graduate level in the University. At present time the education system in the Maharani Avantibai College of Home Science is running as per recommendation of ICAR V<sup>th</sup> Dean's Recommendations at UG level with the intake capacity of 40 students.

#### **Postgraduate Programme:**

The college offered its first M.Sc. degree programme in Foods and Nutrition in the year 1993-94 and second M.Sc. degree programme was started in Family Resource Management in the year 1997-98. Later on, other three departments, Extension Education and Communication Management, Textile & Clothing and Human Development and Family Studies offered M.Sc. programme in the year 2002-03. There is intake of 30 students for master's degree programme. The details are as under:

SN	Name of the Departments	Total Intake of the students
1.	Food Science and Nutrition	12
2.	Textile and Clothing	06
3.	Family Resource Management	03
4.	Human Development and Family Studies	03
5.	Extension Education and Communication Management	06
<b>Total</b>		<b>30</b>

**Ph.D. (Home Science):** The first Ph.D. programme in the Maharani Avantibai College of Home Science was offered by the department of Food and Nutrition and the second Ph.D. programme was offered by the departments of Family Resource Management, Extension Education and Communication Management during the year 2002-03 and 2004-05 respectively. Ph.D. programmes in the subject Textile and Clothing, Food Science and Nutrition and Human Development and Family Studies are started in academic session 2020-21. Almost 80 per cent of Ph.D. students are NET qualified and 20 per cent are receiving fellowships from various organizations. One of the students Garima Singh has been selected for the National fellowship by ICSSR. At present department wise total intake of Ph.D. students are prescribed as under:

SN	Name of the Departments	Total Intake of the students
1.	Food Science and Nutrition	02
2.	Textile and Clothing	02
3.	Family Resource Management	03
4.	Human Development and Family Studies	02
5.	Extension Education and Communication Management	03
<b>Total</b>		<b>12</b>

**Post Doctoral Fellow (PDF):** PDF sponsored by UGC and ICSSR, New Delhi are working in department of Extension Education & Communication Management since 2013. The list of registered Post Doctoral Fellowes is as under:

Sl. No.	Name of the Fellow are	File No.	Year	Tenure	Sponsoring agency
1.	Dr. Kirti Dwivedi	PDFWM – 36542	2016-17	5 years	UGC
2.	Dr. Anchal Sharma	3-190/2016-17/ PDF	2016-17	2 years	ICSSR
3.	Dr. Aradhana Kushwaha	3-157/18-19/ PDF/GEN	2016-17	2 years	ICSSR
4.	Dr. Nalini Sahoo	3-163/18-19/ PDF/ GEN	2016-17	2 years	ICSSR
5.	Dr. Ani Bajpai	3-127/19-20/ PDF/ GEN	2019-20	2 years	ICSSR
6.	Dr. Priyanka Srivastava	3-79/19-20/ PDF/GEN	2019-20	2 years	ICSSR

#### **6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)**

*Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?*

#### **Feedback of stakeholders (Students, parents, industries, employers, farmers etc.):**

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education and employment. University provided proforma to students every year on last day of examination in order to record their responses to queries related to syllabus, course outlines, teaching, administrative services, lab, and other facilities provided to them. The Report is then summarized by keeping all the responses systematically and provides a cumulative assessment of the questionnaire. The summary on Course / Course Outline, Teamwork Opportunity / Expert Lectures and Visits /Extra-curricular, Teacher- Student Relationship/ Internal Assessments and Assignments, Hostel/ Healthcare, University/Teaching Appraisal, Library/ Computers, Administration/ NTS/NSS/NCC, Laboratories, Good Points of Teaching, Difficulties, and Suggestions are shared among the faculty for further reference and follow up action. The Industrial community foresees the University as a vehicle of immense growth and productivity in the business and economic activities. They are of the view that the University can give boost to several agro-based industries. It can help to set up food processing units, encourage food export, provide employment and benefit the service sector, provide technical knowhow and the like. Growth of agro- based industries in collaboration with the College will directly lead to better business. As an educational institute, the College can refurbish the image of farming and encourage the local youth to join the University and gain scientific knowledge. This youth will

then be a major human resource for the food industries here, something which is at present lacking. The College has been working ceaselessly to forge close and everlasting ties with the farmers and farm women in an endeavour to understand their concerns and provide them support in terms of training, resources and technology and with a view of empowering them as well as fulfilling the objectives of the College. The feedbacks on various problems related to Community Science sector are collected. Strong linkages have been developed with KrishiVigyan Kendra (KVKs) and state departments. Strong feedback mechanism is being implemented by the officers and faculty. To take up programs like In-plant Training/Internship/Hands on Training/ RAWE/Student READY and National Service Scheme (NSS), an Assistant Professor (Ag. Extension) has been nominated as Programme Officer to look after day to day activities. All efforts are being made to have strong monitoring and feedback mechanisms for overall development of the students' output and community science sector in the state.

#### **6.4.8. Student intake and attrition in the programme for last five years**

*Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.*

Students are admitted through state level entrance examination UP Combined Agriculture and Technology Entrance Test (UPCATET)

##### **Under Graduate**

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted in last five years					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
B.Sc. (Hons.) Community Science	40	39	35	33	26	36	0.00	0.00	0.00	0.00	0.00

#### **6.4.9. ICT application in Curricula Delivery**

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

##### **ICT application in curricula delivery**

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching. Likewise, this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

**6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.**

**Yes, It has been followed**

**6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weightage for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, Professor (Dr.) **Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ved Ratan*  
*10.01.2021*

**(Ved Ratan)**  
**Dean**

# **Self Study Report for PG Programme in Food Science and Nutrition**



**Maharani Avantibai College of Home Science,  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002**

## 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The college of Home Science is one of the constituent colleges established under the aigies of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

A humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal. The discipline gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh, in specific and elsewhere in the country.

The first M.Sc. degree programme in Foods and Nutrition offered in 1993-94 and it was modified as M.Sc. Home Science (Food Science and Nutrition) during 2002-03.

### Brief History of the Degree Programme

Degree Programmes	Year in which degree started
M.Sc. Home Science (Food Science & Nutrition)	1993-94

### Goal

The department of Food Science & Nutrition is one of the constituent department of Maharani Avantibai College of Home Science, came into existence with a view point of creating an enriched open source of sustainable trained human resource in the field of food science & nutrition ready to take up the responsibilities of accelerating the standard of food and nutrition of individual in general and rural families and communities in particular through teaching, research and extension activities.

### Objectives

The department of Food Science & Nutrition is one of the constituent department of Maharani Avantibai College of Home Science is working to fulfill objectives set in the Act of the University. The objectives are as follows:

- The main objective is to train need based quality human resource in consonance with need of the public and private sector organizations, conduct basic and applied research to solve both the existing and long term food and nutrition problem.
- To disseminate knowledge of appropriate technology and develop skills and abilities to use knowledge to achieve nutritional goal by means of self employment for the holistic improvement.
- To strengthen skills and potentials of students through scientific principles, knowledge and experience in order to develop the entrepreneurial skills at various levels in the field of food science & nutrition.



- To produce post graduate equipped with knowledge as a scientist and technologist trained in an ethical and moral value to support the various responsibilities in the area of nutrition, food science and food technology.

## Accomplishments

The postgraduate degree [M.Sc. Home Science (Food Science & Nutrition)] programme in Maharani Avantibai College of Home Science was started from academic session of 1993-94 with intake of 12 students. During the last five years **31 students have been awarded postgraduate degree** in M.Sc. Home Science (Food Science & Nutrition). Till now 200 students have been awarded postgraduate degree since the date of establishment of the department. These students were given admission based on their merit in state level entrance examination conducted under UP Combined Agriculture and Technology Entrance Test. Natural food colour developed by sugar beet root with improved storage life and cookies developed through Moringa are the technologies developed by the department. The First Examination Report vide application number 169/DEL/2014 filed during 2018 for the patent of technologies developed to prepare Cookies from Moringa. Low cost nutritious products viz, natural health drink powder, medicinal health drink powder, infant food formula were also developed by the department.

## 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

**The faculty strength is given below**

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	-	01
2.	Associate Professor	02	01
3.	Assistant Professor	-	04
4.	Associated Faculty	05	-
<b>Total</b>		<b>07</b>	<b>06</b>

**Faculty Profile (Department wise):** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Seema Sonkar	Associate Professor
2.	Dr. Vinita Singh	Associate Professor

**Associated Faculty from other colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Nand Kumar	Assistant Professor	Bio-chemistry
2.	Dr. S.D. Dubey	Assistant Professor	Microbiology

3.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
4.	Dr. Ram Ji Gupta	Professor	AH & Dairying
5.	Dr. V.K. Tripathi	Professor	Fruit Science

**Supporting Faculty from other Department of the college of Home Science**

S. N.	Name of Supporting Staff	Designation	Specialization
1.	Dr. Rashmi Singh	Associate Professor	Food Science and Nutrition

**Supporting staff from other colleges of the university**

S. N.	Name of Supporting Staff	Designation	Specialization
1.	Sri Ajit Singh	Computer Designer cum visualizer	Computer

**a) Teaching load of Faculty for PG and UG Programme**

**Dr. Vinita Singh, Associate Professor**

**Postgraduate Programme**

Year	Course code	Name of the course teaching	Credit hours	Collaborators Teacher/Scientist name	work Load Hours
2015-16	FN-501	Advance Food Science	3(2+1)	-	4.0
	FN-504	Advances in Community Nutrition	3(1+2)	-	5.0
	FN-507	Nutrition during life cycle	3(3+0)	-	3.0
	FN-591	Master's Seminar	1(0+1)	-	1.0
	FN-599	Master's Research	20 (0+20)	-	20.0
2016-17	FN-501	Advance Food Science	3(2+1)	-	4.0
	FN-504	Advances in Community Nutrition	3(1+2)	-	5.0
	FN-507	Nutrition during life cycle	3(3+0)	-	3.0
	FN-591	Master's Seminar	1(0+1)	-	1.0
	FN-599	Master's Research	20 (0+20)	-	20.0
2017-18	FN-501	Advance Food Science	3(2+1)	-	4.0
	FN-504	Advances in Community Nutrition	3(1+2)	-	5.0
	FN-507	Nutrition during life cycle	3(3+0)	-	3.0
	FN-591	Master's Seminar	1(0+1)	-	1.0

	FN-599	Master's Research	20 (0+20)	-	20.0
2018-19	FN-501	Advance Food Science	3(2+1)	-	4.0
	FN-504	Advances in Community Nutrition	3(1+2)	-	5.0
	FN-507	Nutrition during life cycle	3(23+0)	-	3.0
	FN-591	Master's Seminar	1(0+1)	-	1.0
	FN-599	Master's Research	20 (0+20)	-	20.0
2019-20	FN-501	Advance Food Science	3(2+1)	-	4.0
	FN-504	Advances in Community Nutrition	3(1+2)	-	5.0
	FN-507	Nutrition during life cycle	3(3+0)	-	3.0
	FN-591	Master's Seminar	1(0+1)	-	1.0
	FN-599	Master's Research	20 (0+20)	-	20.0

#### Undergraduate Programme

Year	Course code	Name of the course teaching	Credit hours	Collaborators Teacher/Scientist name	work Load Hours
2015-16	FSN-301,	Food toxicology	2(2+0)	-	2.0
	FSN-305,	Community nutrition	3(1+2)	-	5.0
	FSN-306,	Product development	4(1+3)	-	7.0
	FSN-307,	Nutrition for special group	3(3+0)	-	3.0
	FSN-308,	Food Standards and quality control	3(2+1)	-	4.0
	FSN-403,	Bakery and confectionary	4(1+3)	Dr. Rashmi Singh	7.0
	FSN-404,	Catering management	4(1+3)	-	7.0
2016-17	FSN-301,	Food toxicology	2(2+0)	-	2.0
	FSN-305,	Community nutrition	3(1+2)	-	5.0
	FSN-306,	Product development	4(1+3)	-	7.0
	FSN-307,	Nutrition for special group	3(3+0)	-	3.0
	FSN-308,	Food Standards and quality control	3(2+1)	-	4.0

	FSN-403,	Bakery and confectionary	4(1+3)	Dr. Rashmi Singh	7.0
	FSN-404,	Catering management	4(1+3)	-	7.0
2017-18	FSN-301,	Food toxicology	2(2+0)	-	2.0
	FSN-305,	Community nutrition	3(1+2)	-	5.0
	FSN-306,	Product development	4(1+3)	-	7.0
	FSN-307,	Nutrition for special group	3(3+0)	-	3.0
	FSN-308,	Food Standards and quality control	3(2+1)	-	4.0
	FSN-403,	Bakery and confectionary	4(1+3)	Dr. Rashmi Singh	7.0
	FSN-404,	Catering management	4(1+3)	-	7.0
2018-19	FSN-301,	Food toxicology	2(2+0)	-	2.0
	FSN-305,	Community nutrition	3(1+2)	-	5.0
	FSN-306,	Product development	4(1+3)	-	7.0
	FSN-307,	Nutrition for special group	3(3+0)	-	3.0
	FSN-308,	Food Standards and quality control	3(2+1)	-	4.0
	FSN-403,	Bakery and confectionary	4(1+3)	Dr. Rashmi Singh	7.0
	FSN-404,	Catering management	4(1+3)	-	7.0
2019-20	FSN-301,	Food toxicology	2(2+0)	-	2.0
	FSN-305,	Community nutrition	3(1+2)	-	5.0
	FSN-306,	Product development	4(1+3)	-	7.0
	FSN-307,	Nutrition for special group	3(3+0)	-	3.0
	FSN-308,	Food Standards and quality control	3(2+1)	-	4.0
	FSN-403,	Bakery and confectionary	4(1+3)	Dr. Rashmi Singh	7.0
	FSN-404,	Catering management	4(1+3)	-	7.0

**Dr. Seema Sonkar, Associate Professor**  
**Postgraduate Programme**

<b>Year</b>	<b>Course Code</b>	<b>Name of the Course</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
<b>2015-16</b>	FN – 506	Clinical Nutrition	4(2+2)	6
	FN -591	Credit Seminar	1(0+1)	2
	FN-502	Advance Nutrition	3(3+0)	3
	FN-591	Master’s Seminar	1(0+1)	1.0
	FN-599	Master’s Research	20 (0+20)	20.0
<b>2016-17</b>	FN – 506	Clinical Nutrition	4(2+2)	6
	FN -591	Credit Seminar	1(0+1)	2
	FN-502	Advance Nutrition	3(3+0)	3
	FN-591	Master’s Seminar	1(0+1)	1.0
	FN-599	Master’s Research	20 (0+20)	20.0
<b>2017-18</b>	FN – 506	Clinical Nutrition	4(2+2)	6
	FN -591	Credit Seminar	1(0+1)	2
	FN-502	Advance Nutrition	3(3+0)	3
	FN-591	Master’s Seminar	1(0+1)	1.0
	FN-599	Master’s Research	20 (0+20)	20.0
<b>2018-19</b>	FN – 506	Clinical Nutrition	4(2+2)	6
	FN -591	Credit Seminar	1(0+1)	2
	FN-502	Advance Nutrition	3(3+0)	3
	FN-591	Master’s Seminar	1(0+1)	1.0
	FN-599	Master’s Research	20 (0+20)	20.0
<b>2019-20</b>	FN – 506	Clinical Nutrition	4(2+2)	6
	FN -591	Credit Seminar	1(0+1)	2
	FN-502	Advance Nutrition	3(3+0)	3
	FN-591	Master’s Seminar	1(0+1)	1.0
	FN-599	Master’s Research	20 (0+20)	20.0

**Under graduate Programme**

<b>Year</b>	<b>Course Code</b>	<b>Name of the Course</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
<b>2015-16</b>	FSN - 401	Dietary counseling	4(0+4)	8
	FSN – 402	Dietetic food	3(0+3)	6
	FSN -309	Convenience & Health Food	3(1+2)	5
	FSN -311	Project Work	3(0+3)	6
	FN -302	Clinical Nutrition	3(3+0)	3
	FN -304	Hospital Dietetics	4(2+2)	6

<b>2016-17</b>	FSN - 401	Dietary counseling	4(0+4)	8
	FSN – 402	Dietetic food	3(0+3)	6
	FSN -309	Convenience & Health Food	3(1+2)	5
	FSN -311	Project Work	3(0+3)	6
	FN -302	Clinical Nutrition	3(3+0)	3
	FN -304	Hospital Dietetics	4(2+2)	6
	FN-502	Advance Nutrition	3(3+0)	3
<b>2017-18</b>	FSN - 401	Dietary counseling	4(0+4)	8
	FSN – 402	Dietetic food	3(0+3)	6
	FSN -309	Convenience & Health Food	3(1+2)	5
	FSN -311	Project Work	3(0+3)	6
	FN -302	Clinical Nutrition	3(3+0)	3
	FN -304	Hospital Dietetics	4(2+2)	6
	FSN - 221	Normal and Therapeutic Nutrition	3(2+1)	4
<b>2018-19</b>	FSN - 401	Dietary counseling	4(0+4)	8
	FSN – 402	Dietetic food	3(0+3)	6
	FSN -309	Convenience & Health Food	3(1+2)	5
	FSN -311	Project Work	3(0+3)	6
	FN -302	Clinical Nutrition	3(3+0)	3
	FN -304	Hospital Dietetics	4(2+2)	6
	FSN - 221	Normal and Therapeutic Nutrition	3(2+1)	4
	FN-212	Food Policy	2(2+2)	2
<b>2019-20</b>	FN-212	Food Policy	2(2+2)	2
	FSN - 401	Dietary counseling	4(0+4)	8
	FSN – 402	Dietetic food	3(0+3)	6
	FSN -309	Convenience & Health Food	3(1+2)	5
	FSN -311	Project Work	3(0+3)	6
	FN -304	Hospital Dietetics	4(2+2)	6
	FN -302	Clinical Nutrition	3(3+0)	3

**Dr Upendra Dwivedi, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
<b>2015-16</b>	BSH-121	English & Technical Writing	2(1+1)	3
<b>2016-17</b>	BSH-121	English & Technical Writing	2(1+1)	3
<b>2017-18</b>	BSH-111	General English	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Ms. Geetshikha, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2018-19	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
2019-20	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Smt. Sumati Omer , Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

**6.4.3. Technical and Supporting staff**

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl. No.	Designation	In Position
1.	Stenographer	01
2.	Lab Attendant	01
<b>Total</b>		<b>02</b>

**6.4.4. Classrooms and Laboratories**

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

Particulars	No. of Rooms	Area (Ft.)	Sitting Capacity
Class Room	01	36.9 x 29.9	40
Food Processing Lab	01	40.8 x 30.4	40
Food Analysis Lab	01	43.4 x 30.5	40
Institutional Management Lab	01	43.1 x 30.1	40
Cooking Lab	01	23.3 x 20.5	40
<b>Total</b>	<b>05</b>		

## Laboratories alongwith the equipments, farm facilities & workshop

### Facilities/Equipments

- i. **Food Laboratory:** Contain specialized instruments and food processing equipment to enable experimental processing of different types of food types of food production.
- ii. **Institutional Management lab:** It is a real life classroom laboratory managed by food sciences and nutrition staff and managing such laboratory provide opportunities to learn about food service operations, including production, service and business accounting though hands on experience.
- iii. **Nutrient analysis lab:** This lab facilitate learning through research works in well-equipped chemistry, microbiology, nutrition lab to find out the solution to food quality, safety and security issues. Undergraduate and graduate students work in the laboratory to discover new approaches to the challenges in the field of Food Science & Nutrition.

### Equipments

Weighing balance max. 200 g, weighing balance digital 0.1mg to 200g, weighing balance (physical), magnetic stirrer, photo colorimeter, digital spectrophotometer, muffle furnace, inoculation chamber, water bath, digital colony, counter, steam jacket, auto clave, microscope, centrifuge, distillation unit, mantle heater, kjeldhal digestion apparatus, wet grinder, hot air oven, shaker, incubator, bod incubator, pipette washer.

### Theory and Practical batches for the Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
M.Sc. Home Science (Food Science & Nutrition)	As per admitted	As per admitted

## 6.4.5. Conduct of Practical and Hands-on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

### Conduct of Practical and Hands-on-Training

Practicals for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise.



A total of 07 courses are being taught at postgraduate level in M.Sc. Home Science (Food Science & Nutrition).

Hands on training on experimental processing of different types of food types of food production, food service operations, business accounting though hands on experience, assessment of food quality, safety and security issues to discover new approaches to the challenges in the field of Food Science & Nutrition.



## 6.4.6. Supervision of Student in Post Graduate Programme

*Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.*

### Supervision of students in Masters programmes by the faculty

S N	Name of Faculty	Accredited for	No. of students under supervision				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Seema Sonkar	Teaching and guiding M.Sc. Home Science (Food Science & Nutrition)	02	03	03	01	02
2.	Dr. Vinita Singh	Teaching and guiding M.Sc. Home Science (Food Science & Nutrition)	02	05	03	01	01
3	Dr. Rashmi Singh	Teaching and guiding M.Sc. Home Science (Food Science & Nutrition)	01	02	02	02	01

### M.Sc. Thesis supervised by the faculty

Year	Name of Student	Research Topic	Supervisor
2015	Tanushree	Development and standardization of food products based on black rice and okra powder value added with barley	Dr. Seema Sonkar
2015	Alka Singh	Assessment of nutritional value of the food products fortified with aloe vera, mushroom and pearl millets.	Dr. Seema Sonkar
2015	Arzoo Yadav	Preparation of apple burfi from buffalo milk	Dr. Vinita Singh

2015	Supriya Pandey	Standardization of chia seed products	Dr. Vinita Singh
2015	Deepa misra.	Nutrient Intake and Energy Expenditure of farm women in Kanpur city	Dr. Rashmi Singh
2016	Shikatoli Watson	To access the prevalence of micronutrients deficiency among rural school children aged 10-12years	Dr. Seema Sonkar
2016	Kumari Servesh	To access the life style nutritional awareness of vegetable seller in Kanpur	Dr. Seema Sonkar
2016	Milli Lata	Comparative study on dietary food habits of adolescent girls of urban rural and slum areas.	Dr. Seema Sonkar
2016	Anoop Kumar	Assessment of Nutritional status of Doctors in Kanpur City.	Dr. Vinita Singh
2016	Karle Snehal Anand.	Standardization and evaluation of Garden cress ( <i>Lepidium Sativum</i> L.)seeds fortified Nutrisnacks for combating malnutrition.	Dr. Vinita Singh
2016	Amrita Masih	Nutritional Assessment of Christian Pastor and Christian Community of Churches in Kanpur City.	Dr. Vinita Singh
2016	Durgesh Kumar	Assessment of Nutritional status of blind children in Lucknow and Kanpur Nagar.	Dr. Vinita Singh
2016	Monika Singh	Standardization of manufacturing process of milk cake.	Dr. Vinita Singh
2016	Nidhi sachan	Impact of midday meal programme on the nutritional status of 6-12 year old children	Dr. Rashmi Singh
2016	Priyanka Kumari	Development and storage of papaya and aloe vera blended RTS, Squash and Nectar Beverages	Dr. Rashmi Singh
2017	Shardha yadav	To access the effect of germinated triticale based products on the glycemic index	Dr. Seema Sonkar
2017	Parul Karan	To develop and evaluate the nutritional composition of the products made from man-made areas (triticale)	Dr. Seema Sonkar
2017	Sonam Katiyar	To access the awareness regarding food and nutrition security among the health status of high , middle and low income group	Dr. Seema Sonkar
2017	Nayab	Effect of incorporation of Dates' pulp on organoleptic, physico-chemical microbiological properties of Doodh Pera.	Dr. Vinita Singh
2017	Rupam Devi	Assessment of Nutritional Status of Transgender of 30-60 years in Kanpur City.	Dr. Vinita Singh
2017	Vibhuti Arya	Assessment of Nutritional Status of Punjabi Women of 35-55 years in Kanpur City.	Dr. Vinita Singh
2017	Deepti Singh	A comparative study on dietary intake and physical activity pattern of rural and urban farm women	Dr. Rashmi Singh
2017	Usha Yadav	Impact of Nutrition education on knowledge regarding iron deficiency anaemia in adolescent girls	Dr. Rashmi Singh
2018	Prgati yadav	To access the nutritional composition of wheat and pearl millet based food products value added through bee troot and cluster fig	Dr. Seema Sonkar
2018	Princy Gautam	Development of germinated wheat flour products fortified with pumpkin seeds and beet green powder and their nutritional and organoleptic evaluation.	Dr. Vinita Singh
2018	Swapnil Nishad	Food consumption pattern and nutrient adequacy of school going children	Dr. Rashmi Singh
2018	Shikha Singh	Physico-chemical properties of whey incorporated cookies	Dr. Rashmi Singh
2019	Saloni Omar	To access the cowpea ( <i>Vigna Unguiculata</i> ) based fortified food products	Dr. Seema Sonkar

2019	Pallavi Tomar	To access the Moringa Oleifera based fortified fo0d products	Dr. Seema Sonkar
2019	Pooja Singh	Assessment of Nutritional Status of Muslim people (sunni) of 25-45 years in Kanpur City.	Dr. Vinita Singh
2019	Jaya Dixit	Preparation and standardization of green banana flour and its value added products	Dr. Rashmi Singh

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

*Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?*

#### Feedback of stakeholders (Students, parents, industries, employers, farmers etc.)

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

*Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.*

#### Postgraduate (PG) Programme

Postgraduate programme in M.Sc. Home Science (Food Science & Nutrition) was started from academic session 2002-03.

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
M.Sc. Home Science (Food & Nutrition)	12	05	10	8	04	04	0.00	0.00	0.00	0.00	0.00

### 6.4.9. ICT application in Curricula Delivery

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### ICT application in curricula delivery

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

**6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.**

**Yes it has been followed**

**6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, Professor (Dr.) **Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ratan*  
*10.01.2021*

**(Ved Ratan)**  
**Dean**

# **Self Study Report for PG Programme in Textile and Clothing**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The Maharani Avantibai College of Home Science is one of the constituent college established under the agis of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

A humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the students of Uttar Pradesh, in specific and elsewhere in the country. M.Sc. Home Science (Textiles and Apparel Designing) was started during 2002-03 with intake of 05 students and Ph.D. Home Science (Textiles and Apparel Designing) has started in the academic session 2020-21 with the intake of 02 students.

Degree Programmes	Year in which degree started
M.Sc. (Home Science) Textile and Clothing	2002-03

### Goal

To serve the community through the provision of quality education, usable researches, extension activities and consultancy services in the field of Textiles & Clothing.

### Objectives

The department of Textile and Clothing, Maharani Avantibai College of Home Science is working as one of the department of college of Home Science of the Chandra Shekhar Azad University of Agriculture & Technology, Kanpur and functioning to fulfill objectives set in the Act of the University. The objectives are as follows:

- To equip the students with in depth understanding of textile fibers, yarns and fabrics through various courses.
- To sensitize the students towards the rich textile heritage, crafts and community.
- To inculcate a close awareness of the latest technological advances and current trends in the field of Textiles & clothing.
- To conduct research for creating and disseminating the outcomes to the academicians, commerce, industry and community.

### Accomplishments

The postgraduate degree [M.Sc. (Home Science) Textile and Clothing] programme in Maharani Avantibai College of Home Science was started from academic session 2002-03 with intake of 06 students. During the last **five years 15 students have been awarded**

postgraduate degree in M.Sc. (Home Science) Textile and Clothing. Till now total 56 students have been awarded postgraduate degree by the department. These students were given admission based on their merit in state level entrance examination conducted under UP Combined Agriculture and Technology Entrance Test. Technologies related to eco-friendly dyeing of textiles with the help of waste peanut skull, waste banana biomass, finishing of cotton fabric, natural mosquito repellent from herbs have been developed.

## 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	-	01
2.	Associate Professor	01	01
3.	Assistant Professor	01	04
4.	Associated Faculty	02	-
5.	Teaching Associate	02	-
<b>Total</b>		<b>06</b>	<b>06</b>

**Faculty Profile Department wise):** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Archana Singh	Associate Professor
2.	Dr. Ritu Pandey	Assistant Professor

### Associated Faculty from other colleges of the University

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Assistant Professor	Statistics

### Teaching Associate

S.N.	Name of Teaching Associate	Designation
1.	Dr. Sumayal Anjum	Teaching Associate/Teaching Associate
2.	Miss Ankita Yadav	Teaching Associate/Teaching Associate

### Supporting staff from other colleges of the university

S.	Name of Associated	Designation	Specialization
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N.	Supporting staff		
1.	Sri Ajit Singh	Computer Designer cum visualizer	Computer

**a) Teaching load of faculty for UG and PG Programme**

**Dr. Archana Singh, Associate Professor**

**Postgraduate Programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	TAD-501	Fiber Chemistry	3(2+1)	4.0
	TAD- 504	Advance Pattern Making	3(1+2)	5.0
	TAD - 509	Textile Finishes	2(1+1)	3.0
	TCL-503	Advance Textile Design	3 (1+2)	5.0
	TAD- 591	Seminar	1 (0+1)	2.0
2016-17	TAD-501	Fiber Chemistry	3(2+1)	4.0
	TAD- 504	Advance Pattern Making	3(1+2)	5.0
	TAD - 509	Textile Finishes	2(1+1)	3.0
	TCL-503	Advance Textile Design	3 (1+2)	5.0
	TAD- 591	Seminar	1 (0+1)	2.0
2016-17	TAD-501	Fiber Chemistry	3(2+1)	4.0
	TAD- 504	Advance Pattern Making	3(1+2)	5.0
	TAD - 509	Textile Finishes	2(1+1)	3.0
	TCL-503	Advance Textile Design	3 (1+2)	5.0
	TAD- 591	Seminar	1 (0+1)	2.0
2018-19	TAD-501	Fiber Chemistry	3(2+1)	4.0
	TAD- 504	Advance Pattern Making	3(1+2)	5.0
	TAD - 509	Textile Finishes	2(1+1)	3.0
	TCL-503	Advance Textile Design	3 (1+2)	5.0
	TAD- 591	Seminar	1 (0+1)	2.0
2019-20	TAD-501	Fiber Chemistry	3(2+1)	4.0
	TAD- 504	Advance Pattern Making	3(1+2)	5.0
	TAD - 509	Textile Finishes	2(1+1)	3.0
	TCL-503	Advance Textile Design	3 (1+2)	5.0
	TAD- 591	Seminar	1 (0+1)	2.0

**Under-graduate Programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	TCL 101	Fundamentals of Clothing Construction	3(1+2)	5.0
	TCL 303	Computer Aided Designing	4(0+4)	8.0
	TCL 304	Structural Fabric Design	3(1+2)	5.0
	TCL 102	Textile Science & Care (Sharing with Teaching Associate)	3(2+1)	4.0
	TCL 306	Fashion Merchandising	3(2+1)	4.0
	TCL-311	Fabric Embellishment	3(0+3)	6.0
	TCL-403	Design Studio Practice & Project	4(0+4)	8.0
	TAD-404	Printed Fabric Designing	3(0+3)	6.0



2016-17	TCL 101	Fundamentals of Clothing Construction	3(1+2)	5.0
	TCL 303	Computer Aided Designing	4(0+4)	8.0
	TCL 304	Structural Fabric Design	3(1+2)	5.0
	TCL 102	Textile Science & Care (Sharing with Teaching Associate)	3(2+1)	4.0
	TCL 306	Fashion Merchandising	3(2+1)	4.0
	TCL-311	Fabric Embellishment	3(0+3)	6.0
	TCL-403	Design Studio Practice & Project	4(0+4)	8.0
	TAD-404	Printed Fabric Designing	3(0+3)	6.0
2017-18	TAD-111	Textile Science & Fabric Care (Sharing with Teaching Associate)	3(2+1)	4.0
	TCL 303	Computer Aided Designing	4(0+4)	8.0
	TCL 304	Structural Fabric Design	3(1+2)	5.0
	TAD-121	Fundamentals of Clothing Construction (Sharing with Teaching Associate)	3(2+1)	4.0
	TCL 306	Fashion Merchandising	3(2+1)	4.0
	TCL-311	Fabric Embellishment	3(0+3)	6.0
	TCL-403	Design Studio Practice & Project	4(0+4)	8.0
	TAD-404	Printed Fabric Designing	3(0+3)	6.0
2018-19	TAD-111	Textile Science & Fabric Care (Sharing with Teaching Associate)	3(2+1)	4.0
	TAD-211 303	Techniques of Fabric Construction	3(1+2)	5.0
	TAD-121	Fundamentals of Clothing Construction (Sharing with Teaching Associate)	3(2+1)	4.0
	TAD- 312	Retailing & Merchandising: Textiles & Apparels	2(2+0)	2.0
	TCL-403	Design Studio Practice & Project	4(0+4)	8.0
	TAD-404	Printed Fabric Designing	3(0+3)	6.0
2019-20	TAD-111	Textile Science & Fabric Care (Sharing with Teaching Associate)	3(2+1)	4.0
	TAD-211 303	Techniques of Fabric Construction	3(1+2)	5.0
	TAD-121	Fundamentals of Clothing Construction (Sharing with Teaching Associate)	3(2+1)	4.0
	TAD- 312	Retailing & Merchandising: Textiles & Apparels	2(2+0)	2.0
	TCL-403	Design Studio Practice & Project	4(0+4)	8.0
	TAD-404	Printed Fabric Designing	3(0+3)	6.0

**Dr. Ritu Pandey, Assistant Professor****Postgraduate Programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	TAD-502	Textiles Quality Analysis	3(2+1)	4
	TAD-505	Historic Textile & Costume	3(2+1)	4
	TAD-511	Home Textiles	3(1+2)	5
2016-17	TAD-502	Textiles Quality Analysis	3(2+1)	4
	TAD-505	Historic Textile & Costume	(2+1)	4
	TAD-511	Home Textiles	3(1+2)	5
2017-18	TAD-502	Textiles Quality Analysis	3(2+1)	4
	TAD-505	Historic Textile & Costume	3(2+1)	4
	TAD-511	Home Textiles	3(1+2)	5
2018-19	TAD-502	Textiles Quality Analysis	3(2+1)	4
	TAD-505	Historic Textile & Costume	3(2+1)	4
	TAD-509	Textile Finishes	2(1+1)	3
	TAD-511	Home Textiles	3(1+2)	5
2019-20	TAD-502	Textiles Quality Analysis	3(2+1)	4
	TAD-505	Historic Textile & Costume	3(2+1)	4
	TAD-509	Textile Finishes	2(1+1)	3
	TAD-511	Home Textiles	3(1+2)	5

**Under-graduate Programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	TCL-301	Traditional Indian Textiles	3(2+1)	4
	TCL-302	Principles of Design Applications for Textile	3(1+2)	5
	TCL-308	Knitting Technology-I	3(1+2)	5
	TCL-305	Traditional Costumes of India	3(2+1)	4
	TCL-310	Textile Design and Colorways	3(0+3)	6
	TCL-310	Textile Industry Management	3(3+0)	3
	TCL-401	Designing through dyeing and printing	3(1+2)	5
	TCL-405	Knitting Technology-II	3(0+3)	6
2016-17	TCL-301	Traditional Indian Textiles	3(2+1)	4
	TCL-302	Principles of Design Applications for Textile	3(1+2)	5
	TCL-308	Knitting Technology-I	3(1+2)	5
	TCL-305	Traditional Costumes of India	3(2+1)	4
	TCL-310	Textile Industry Management	3(3+0)	3
	TCL-401	Designing through dyeing and printing	3(1+2)	5
	TCL-405	Knitting Technology-II	3(0+3)	6
2017-18	TCL-301	Traditional Indian Textiles	3(2+1)	4
	TCL-302	Principles of Design Applications for Textile	3(1+2)	5
	TCL-308	Knitting Technology-I	3(1+2)	5
	TCL-305	Traditional Costumes of India	3(2+1)	4
	TCL-310	Textile Industry Management	3(3+0)	3
	TCL-401	Designing through dyeing and printing	3(1+2)	5

	TCL-405	Knitting Technology-II	3(0+3)	6
2018-19	TAD-211	Techniques of Fabric Construction	3(1+2)	5
	TAD-311	Garment and Accessory Designing	3(0+3)	6
	TAD-321	Traditional Textiles and Costumes of India	3(1+2)	4
	TCL-301	Traditional Indian Textiles	3(2+1)	4
	TCL-305	Traditional Costumes of India	3(2+1)	4
	TCL-308	Knitting Technology-I	3(1+2)	5
	TCL-310	Textile Industry Management	3(3+0)	3
	TCL-401	Designing through dyeing and printing	3(1+2)	5
	TCL-405	Knitting Technology-II	3(0+3)	6
2019-20	TAD-211	Techniques of Fabric Construction	3(1+2)	5
	TAD-311	Garment and Accessory Designing	3(0+3)	6
	TAD-321	Traditional Textiles and Costumes of India	3(1+2)	4
	TCL-401	Designing through dyeing and printing	3(1+2)	5
	TCL-405	Knitting Technology-II	3(0+3)	6

### **Dr. Sumail Anjum, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
2015-16	TCL-101	Fundamental of Clothing Construction	3(2+1)	4
	TCL-201	Apparel and design construction	3(1+2)	5
	TCL-304	Strucural Fabric design	3(1+2)	5
	TCL-102	Textile Science and care	3(1+2)	5
	TCL-202	Fundamentals of Textile Design	3(2+1)	4
2016-17	TCL-102	Textile Science and care	3(1+2)	5
	TCL-202	Fundamentals of Textile Design	3(2+1)	4
	TCL-306	Fashion merchandizing	3(2+1)	4
	TCL-309	Design and color ways	3(2+1)	4
	TCL-101	Fundamental of Clothing Construction	3(2+1)	4
	TCL-201	Apparel and design construction	3(1+2)	5
	2017-18	TAD-111	Textile science and fabric care	3(1+2)
TCL-201		Apparel and design construction	3(1+2)	5
TCL-304		Strucural Fabric design	3(1+2)	5
TAD-121		Fundamental of clothing construction	3(0+3)	6
TCL-202		Fundamentals of Textile Design	3(2+1)	4
TCL-309		Design and color ways	3(2+1)	4
	TCL-311	Fabric establishment	3(0+3)	6

### **Mrs. Ankita Yadav, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
2018-19	TAD-121	Fundamental of clothing construction	3(0+3)	6
	TAD-221	Textile Finishesh	2(1+1)	3
	TAD-321	Design and color ways	3(0+3)	6

### **Dr Upendra Dwivedi, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>Work Load Hours</b>
<b>2015-16</b>	BSH-121	English & Technical Writing	2(1+1)	3
<b>2016-17</b>	BSH-121	English & Technical Writing	2(1+1)	3

<b>2017-18</b>	BSH-111	General English	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Ms. Geetshikha, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
<b>2018-19</b>	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
<b>2019-20</b>	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Smt. Sumati Omer , Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
<b>2019-20</b>	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

**b) Technologies developed**

**2015-16**

Banana pseudostem is used for extraction of ecofriendly banana fiber with four different extraction methods and this fiber is an eco-friendly substitute in textile industry in place of environmentally hazardous synthetic fibers. Extracted banana was found to be suitable for various useful and functional handicraft items.

Innovative Designs for the party gown were developed as per the choice of young females and accordingly the gowns were embellished with unique zardozi work of Farrukhabad district to highlight the traditional craft of Uttar Pradesh.

**2016-17**

Chikankari embroidery motifs were designed and screen printed on home furnishing items viz; bed sheets, sofa backs, cushion covers and curtains with ease and accuracy.

**2016-17**

Waste banana petloids, flowers and pseudostem sap has been used for mordanting and colouration of cotton and silk fabrics. It was found that banana biomass can be used as a substitute for synthetic dyes.

Innovative designs for Sindhi embroidery inspired from Kutch and Kathiawar motifs were developed for Lady's kurti. The kurties were embroidered with these unique motifs and these embroidered kurties were evaluated by the textile experts. Findings revealed that the kurties were highly liked because of its uniqueness and elegance.

**2018-19**

The banana -cotton blended fabric revealed good tensile strength, tear strength and abrasion resistance and thus can be utilized for various textile applications.

**b) Extension activities organized**

- Training on tailoring and stitching were organized in the Village Rani Bageecha for Girls and Ladies
- Demonstrations of decorating textiles by the use block and screen printing and Macrame knotting technique were organized on the occasion of annual farmers fair of the university

**Additional Duties:**

**Dr. Archana Singh, Associate Professor**

- Incharge of the Department

- Associated Scientist in NAHEP- Center for Advanced Agriculture Science & Technology on Nutritional Crops
- Member for Grievances Redressal Management of Home Science College
- Cultural Councillor at University Level
- Faculty Store Incharge
- Member of Employees Grievances Redressal Cell at University Level
- NSS Coordinator at university Level

### 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl.No.	Designation	In Position
1.	Lab Attendant	01

### 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

**Number and space for classrooms and laboratories**

Particulars	No. of Rooms	Area (Ft.)
Textile Science Laboratory	01	22.5×23
Garment Construction Laboratory	01	22.9×22.8
Dyeing and Printing Laboratory	01	34.4×22.1
Textile Testing Laboratory	01	30.4×20.1
Class room	01	22.3 × 20.4
<b>Total</b>	<b>05</b>	

**Laboratories alongwith the equipments**

**Facilities/Equipments**

- Textile Science Laboratory:** This lab is used for the practical classes of postgraduate courses viz; textile finishing, fiber chemistry.
- Garment Construction Laboratory:** This lab is used for postgraduate students do practical related to cutting, stitching and finishing of garments under the courses viz. advanced patter making, home textiles.



**iii. Dyeing and Printing Laboratory:** Different types of dyeing and printing methods are being practiced by postgraduate students. This lab has straight printing tables for block printing and slanted printing table for screen printing.

**iv. Textile Testing Laboratory:** This lab is being used by postgraduate students only for physical testing of fibers, yarns and fabrics at grey as well as finished stage under the course Textile Quality and Analysis. Various instruments used for physical testing of textiles and thesis research are also in this laboratory.



### Equipments

Bursting strength tester, hot air oven, spinning machine, tensile strength tester, perspirometer, launder-ometer, stiffness tester, fabric thickness gauge, foot operated sewing machine, fashion maker, hand operated sewing machines, ironing boards, mannequins, dyeing machine, water repellency tester, yarn twist tester, projection microscope.

### Theory and Practical batches for the Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
M.Sc. Home Science (Textiles and Apparel Designing)	As per admitted	As per admitted



## 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practicals for all courses were conducted in the laboratories as per the requirements of the programme. While conducting the practicals first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise. A total of 07 courses are being taught at postgraduate level in M.Sc. (Home Science) Textile and Clothing.

Hands on training on various types of testing of different types of natural, regenerated and synthetic textiles fibers, different methods of dyeing and printing, textile designing, computer aided designing, garment construction, historic textiles, home designing and pattern development in the field of Textile and Clothing were organized.



## 6.4.6. Supervision of Student in PG Programme

Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.

### Supervision of students in Masters programmes

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Archana Singh	Teaching and guiding M.Sc. (Home Science) Textile and Clothing	03	-	03	01	-
2.	Dr. Ritu Pandey	Teaching and guiding M.Sc. (Home Science) Textile and Clothing	01	03	01	01	02

## 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

## 6.4.8. Student intake and attrition in the programme for last five years

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

### Postgraduate Programme

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
M.Sc. Home Science (Textiles and Apparel Designing)	06	04	03	04	02	02	0.00	0.00	0.00	0.00	0.00

### M.Sc. Thesis supervised by the Faculty

Year	Name of student	Thesis topic	Supervisor
2015-16	Rimpi Pandey	Application of Natural Mosquito Repellent Finish on Cotton Fabric	Dr. Archana Singh
2015-16	Tara Devi	Utilization of Banana Pseudostem for Various Textile Applications	Dr. Archana Singh
2015-16	Shradha Singh	Designing of Girls Party Gowns Using Zardozi Work	Dr. Archana Singh
2015-16	Disha Patel	Textile Recycling Practices Prevailing in	Dr. Ritu Pandey



		Kanpur City	
2016-17	Ankita Yadav	Survey of Carpet Units of Bhadhoi and Development of Carpet Designs	Dr. Ritu Pandey
2016-17	Priyanka Verma	Modification of Existing Carpet Design of Bhadhoi and its Variation with the use of Geometric Motif	Dr. Ritu Pandey
2016-17	Neetu Singh	Bandhani Of Gujarat and its Application on Cotton and Silk Fabric Using Natural Dye	Dr. Ritu Pandey
2017-18	Kumkum Yadav	Designing Kurties with Sindhi Embroidery Inspired from Kutch and Kathiawar Motifs	Dr. Archana Singh
2017-18	Soni Yadav	Printing Chikankari Motifs For Designing Home Furnishing Articles	Dr. Archana Singh
2017-18	Neha Singh	Development of Eco Dye and Mordant from Banana Plant Waste	Dr. Archana Singh
2017-18	Shweta Patel	Dyeing of Textiles with Peanut Skin	Dr. Ritu Pandey
2018-19	Divyanshi	Processing and Blending of Banana Fiber for Fabric Formation	Dr. Archana Singh
2018-19	Priyanka Chaudhary	Process Development of Dyeing Textiles with Jasmin ( <i>Murraya peniculata</i> ) Berries	Dr. Ritu Pandey
2019-20	Ankita	Process Development of Dyeing Textiles with Beetroot ( <i>Beta vulgaris</i> ) Leaves	Dr. Ritu Pandey
2019-20	Sandhya Yadav	Fiber Extraction from Money Plant ( <i>Epipremnum aurem</i> ) Pedicles	Dr. Ritu Pandey
<b>Ph.D. Thesis supervised as co-advisor</b>			
2018-19	Kirtima Sachan	Assessment of Physiological Stress of Rural Women in Kitchen Activities of Kanpur Dehat	Dr. Ritu Pandey
2019-20	Snehlata Singh	Sustainable Impact of Swachh Bharat Abhiyan in Indian Society	Dr. Ritu Pandey
2019-20	Reema	Role of Indian Women in Saving Waste Water at Domestic Level	Dr. Ritu Pandey

### 6.4.9. ICT application in Curricula Delivery

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### **ICT application in curricula delivery**

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and whatsapp etc.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.

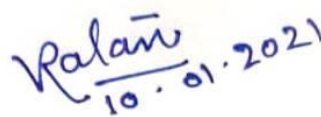
**Yes, It has been followed**

**6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, **Professor (Dr.) Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.



**(Ved Ratan)**  
**Dean**

# **Self Study Report for PG Programme in Family Resource Management**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The of Home Science is one of the constituent college established under the agis of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

A humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh, in specific and elsewhere in the country.

<b>Degree Programmes</b>	<b>Year in which degree started</b>
M.Sc. Home Science (Family Resource Management)	1997-98

### **Goal**

The department of Family Resource Management, College of Home Science came into existence with a view point of creating an enriched open source of sustainable trained human resource in the field of Family Resource Management ready to take up the responsibilities of accelerating the standard of family in general and rural and urban families and communities in particular through teaching, research and extension activities.

### **Objectives**

The department of Family Resource Management, College of Home Science is working as one of the constituent colleges of the Chandra Shekhar Azad University of Agriculture & Technology, Kanpur and functioning to fulfill objectives set in the Act of the University. The objectives are as follows:

- To impart skill and knowledge of financial management and consumer education.
- To inculcate awareness about the ergonomic principles in relation to household, equipment and occupations.
- To prepare students to assist in resource generation and allocation.
- To develop entrepreneurial skills in students.

### **Accomplishments**

The postgraduate degree [M.Sc. Home Science (Family Resource Management)] programme in College of Home Science was started from academic session of 1997-98 with intake of 02 students. Till now 69 stuents have been awarded postgraduate degree in M.Sc. Home Science (Family Resource Management). During the last five years 4 students have been awarded postgraduate degree. These students were given admission based on their merit in state level entrance examination conducted under UP Combined Agriculture and Technology Entrance Test.

## 6.4.2. Faculty Strength

The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, guest faculty, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

The faculty strength is given below

S.N.	Designation	Sanctioned	In Position	Faculty Recommended by ICAR
1.	Professor	01	-	01
2.	Associate Professor	01	01	01
3.	Assistant Professor	01	-	04
4.	Associated Faculty	-	05	-
5.	Guest faculty	-	02	-
<b>Total</b>		<b>03</b>	<b>08</b>	<b>06</b>

**Faculty Profile (Department wise):** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Rashmi Singh	Associate Professor

### Associated Faculty from other Departments/ colleges of the University

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Assistant Professor	Statistics
3	Dr. Asha Yadav	Associate Professor	Family Resource management
4	Dr. Sangeeta Gupta	Assistant Professor	Extension Education amd Communication Management
5	Dr. Mithilesh Verma	Associate Professor	Extension Education amd Communication Management

### Teaching Associates

Year	Name of Faculty	Specialization
2015-16	Dr Aradhana Kushawaha	Family Resource Management
	Dr Shivangi Shukla	Family Resource Management
2016-17	Dr Aradhana Kushawaha	Family Resource Management
	Dr Anchal Sharma	Family Resource Management
2017-18	Dr Aradhana Kushawaha	Family Resource Management
	Dr Reema	Family Resource Management
2018-19	Dr Aradhana Kushawaha	Family Resource Management
	Dr Kirtima Sachan	Family Resource Management

	Ms Soumya Awasthi	Family Resource Management
2019-20	Dr Snehlata	Family Resource Management
	Dr Reema	Family Resource Management

### **Duties of the faculty (Teaching Associate)**

#### **Dr. Aradhana Kushwaha**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>work Load Hours</b>
2015-16	FRM-201	Fundamentals of art & Design Consumer Ergonomics	3(1+2)	5
	FRM-502	Advance Interior space management	3(2+1)	4
	FRM-503	Housing and space management	3(2+1)	4
	FRM-102	Advance Housing	3(2+1)	4
2016-17	FRM-102	Management of Family Resources	3(3+0)	3
	FRM-201	Fundamentals of Art & Design	3(1+2)	5
2017-18	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-201	System Dynamics and management	3(1+2)	5
	FRM-111	System Dynamics and management of Recourses	2(1+1)	3
2018-19	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-507	Consumer Communication Media	3(1+2)	5
	FRM-506	consumer Guidance & counseling	3(2+1)	4

#### **Dr. Shivangi Shukla, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>work Load Hours</b>
2015-16	FRM-507	Ist Consumer Communication Media	3(1+2)	5
	FRM-506	Consumer Guidance and counselling	3(2+1)	4
	FRM-504	Advance Housing	3(2+1)	4

#### **Dr. Anchal Sharma, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>work Load Hours</b>
2016-17	FRM-	Advance Interior Space Management	3(2+1)	4

#### **Dr. Reema, Teaching Associate**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>work Load Hours</b>
2017-18	FRM-202	Family Economics and consumer Management	3(2+1)	4
	FRM-507	Consumer Communication media	3(1+2)	5

	FRM-506	Consumer Guidance and counselling	3(2+1)	4
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**Dr. Kirtima Sachan and Ms. Saumya Awasthi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2018-19	FRM-211	Financial management and consumer education	2(2+0)	2
	FRM-121	System Dynamics and management of resources	2(1+1)	3
	FRM-222	Ergonomics and appropriate management	2(1+1)	3
	FRM-506	Consumer guidance and counselling	3(2+1)	4
	FRM-221	Housing and space management	3(2+1)	4

**Dr. Snehlata, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2019-20	FRM-211	Financial management and consumer education	2(2+0)	2
	FRM-311	Residential and commercial space design	3(2+1)	4
	FRM-221	Housing and space management	3(1+2)	5
	FRM-222	Ergonomics and appropriate management	2(1+1)	3
	FRM-504	Advance Housing	3(2+1)	4

**Dr. Reema, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2019-20	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-507	Consumer Communication media	3(1+2)	5
	FRM-211	Financial management and consumer education	2(2+0)	2
	FRM-121	System Dynamics and management of resources	2(1+1)	3
	FRM-321	Entrepreneurship development and business management	3(2+1)	4
	FRM-510	Work and workstation design	3(2+1)	4

**Dr Upendra Dwivedi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2015-16	BSH-121	English & Technical Writing	2(1+1)	3

2016-17	BSH-121	English & Technical Writing	2(1+1)	3
2017-18	BSH-111	General English	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

#### Ms. Geetshikha, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2018-19	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
2019-20	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

#### Smt. Sumati Omer , Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

### 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl.No.	Designation	In Position
1.	Lab Attendant	01
<b>Total</b>		<b>01</b>

### 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

#### Number and space for classrooms and laboratories

Particulars	No. of Rooms	Areas (Ft.)	Seating capacity
Class Room	02	12×10.9	20
		10×11	



Staff Room	01	23×16.8	20
Laboratory-1 UG	01	22.3×23.3	20
Smart class	01	22.3×23.3	20
Computer Lab	01	22.×17	20
<b>Total</b>	<b>06</b>		

### Equipments

Microwave oven, oven toaster griller, OTGs 1930, overhead projector, micro grill mc2143cb, vacuum cleaner, exercise gym cycle, washing machine, refrigerator, cooking range, mixer, digital podium, digital projector, speakers(2), AC(2), Dishwasher,

### Theory and Practical batches for the Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
M.Sc. Home Science (Family Resource Management)	As per admitted	As per admitted

### 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practicals for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise. A total of 07 courses are being taught at postgraduate level in M.Sc. Home Science (Family Resource Management).



### 6.4.6. Supervision of Student in PG Programme

*Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.*

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Rashmi Singh	Teaching and guiding M.Sc. Home Science (Family Resource Management)	-	-	-	-	-
2	Dr. Mithilesh Verma	Teaching and guiding M.Sc. Home Science (Family Resource Management)	1	-	-	-	-
3	Dr. Sangeeta Gupta	Teaching and guiding M.Sc. Home Science (Family Resource Management)	1	-	-	-	-
4	Dr. Asha Yadav	Teaching and guiding M.Sc. Home Science (Family Resource Management)	-	-	-	-	2

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

*Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?*

**Feedback of stakeholders (Students, parents, industries, employers, farmers etc.)**

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

*Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.*

#### Postgraduate Programme

Postgraduate programme in M.Sc. Home Science (Family Resource Management) was started from academic session 1997-98.

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
M.Sc. Home Science (Family Resource Management)	05	02	-	-	-	02	0.00	-	-	-	0.00

#### M.Sc. Thesis Supervised

Year	Name of student	Thesis topic	Supervisor
2015-16	Swati Singh ID No. 1796/15	A decision making pattern of agriculture women in farm management	Dr. Mithlesh Verma
2015-16	Ankita Verma ID No. 1797/15	A decision making pattern of working women in household activities	Dr. Sangeeta Gupta
2019-20	Muskan Singh	Study of work life balance among working parents of Kanpur city	Dr. Asha Yadav
2019-20	Anshu	Study of stress among students of professional college during covid-19 in Kanpur city	Dr. Asha Yadav

### 6.4.9. ICT application in Curricula Delivery

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### ICT application in curricula delivery

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

### 6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.

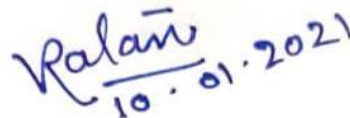
**Yes, it has been followed**

**6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, Professor (Dr.) Ved Ratan, the Dean, College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

Handwritten signature of Ved Ratan in blue ink, with the date 10.01.2021 written below it.

**(Ved Ratan)**  
**Dean**

# **Self Study Report for PG Programme in Extension Education and Communitication Management**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

After the establishment of CSAUA&T, Kanpur, the University in its 38<sup>th</sup> meeting of the Board of Management held on 29<sup>th</sup> July 1981 considered and approved SND Schemes for the year 1981-82 through which the concept of imparting Home Science education, the science and art of managing the farm/ rural family system, took birth. The general consensus amongst the learned members of the Board of Management to this concept, culminated in the consolidation of it and thus, a decision to start Home Science as a discipline under the umbrella of the Faculty of Agriculture took shape. According to the Statutes of the University, there exists a provision for a Home Science College [Section 28 (1)] and a Home Science Faculty [Section 17 (1)]. After a couple of years of serious thinking and planning, the Faculty of Agriculture opened the Department of Home Science in the University in 1983-84. The decision taken in February 1986 to introduce a Home Science education programme leading to B.Sc. (Home Science) Degree from the academic session 1983-84 became a milestone in the history of the growth and development of Home Science at CSAUA&T, Kanpur.

Thus, from a humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh, in specific and elsewhere in the country, in general. 5 departments were established under the faculty of Home Science, namely – (1) Child Development, (2) Food and Nutrition, (3) Family Resource Manage, (4) Textiles and Clothing and (5) Extension Education and Communication Management.

With the passage of time, the academic programme offered by the College also grew in complexity. The college initially offered an education programme of four years of B.Sc. (Home Science) Honors degree in which students of both Art and Science side were taken. But after the recommendation of ICAR IV Deans Committee only students from Science backgrounds were eligible to take admission at under graduate level in the University. At present time the education system in the Maharani Avantibai College of Home Science is running as per recommendation of ICAR V Dean's Recommendation Committee. The college then offered M.Sc. programme in Extension Education and Communication Management, in the year 2002-03. Then Ph.D. programme offered by the department Extension Education and Communication Management in the year 2004-05 with the intake of 3 students.

**Degree Programmes****Year in which degree started***M.Sc. Home Science*

2002-03

(Extension Education and Communication Management)

**Goal**

The enduring goals can be stated as –

- Achieve an outstanding graduate and post graduate programmes.
- Undertake outstanding basic, applied and adoptive research programmes that have far reaching applications in the field to human and community development.
- Provide outstanding extension programmes and other outreach project/efforts, relevant to the needs of the families and women to improve quality of life within the state and beyond.
- Build outstanding competent personalities with high market value in the professional world, and
- Build national/international reputation of the Extension education & Communication Management s a department par excellence in effective use, integration and understanding of technology for progress of families and women empowerment in specific and mankind in general.

**Objectives**

The departmental goals need to be translated into objectives that are specific, clear and achievable with well defined parameters. Bearing in mind the goals, the strengths and constraints of the existing institutional set up, the objectives were drawn, which would lead to the realization of the defined goals.

- To offer a satisfying undergraduate programme in the lines of the ICAR recommendations to meet the needs of its stakeholders and to develop and ability in its clientele (students) to understand the interrelationship between micro and macro issues.
- To organize extracurricular activities for the overall development of students.
- To strengthen the practical/laboratory infrastructure and field work experience content in the course curriculum.
- To chalk out thrust areas of research and plan and undertake various basic and applied researches in different fields in order to create an impact on empowerment of women in specific and others in general.
- To collaborate with other national and international agencies involved in teaching, research and development programmes.
- To develop technologies relevant for the region appropriate for the farming and non farming family systems with the goals of conservation of resources, reduction in drudgery of work/tasks done by women and children, improve quality of environment and life and lead to workers empowerment and rural development.
- To make efforts for creation of new posts in the development for its academic programmes. It required, involve part-time/visiting faculties to fill the gap in running its programme successfully.
- To introduce a regular ongoing feature of invited lectures by eminent persons in the various thrust areas identified by different disciplines of Home Science.

- To organize short term specialized training seminars/symposia/workshops at national/international level.
- To plan and organize programmes related to transfer of technologies for families and women development and rural development.
- To provide consultancy services to government and non-government bodies engaged in women's development and empowerment and directly to families and women to ensure better quality of life.
- To strengthen the infrastructure facilities to support its activities in various spheres.

### Accomplishments

- Till now 72 students have been awarded postgraduate degree in M.Sc. Home Science (Extension Education & Communication Management). During the last five years 23 students have been awarded postgraduate degree.
- The department is getting research fellows for Post Doctoral Fellowship regularly since year 2011-12 from UGC and ICSSR, New Delhi during year 2015-2020. Three research fellows completed their research work and presently five research fellows are working in the department.
- 16 students had been awarded the Ph.D. degree during the year 2015-2020.
- During the year 2015-2020 three projects have been successfully completed in the department funded by ICAR, New Delhi and U.P. State.

## 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	01	01
2.	Associate Professor	-	01
3.	Assistant Professor	-	04
4.	Associated Faculty	02	-
5.	Full time attached faculty	02*	-
<b>Total</b>		<b>05</b>	<b>06</b>

\*Associate professor-1, Assistant Professor-1

**Faculty Profile:** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Neelma Kunwar	Professor



**\*Full time attached faculty from other colleges of the university**

S. N.	Name of full time attached faculty	Designation	Specialization
1.	Dr. Mithlesh Verma	Associate Professor	Extension Education and Communication Management
2.	Dr. Sangeeta Gupta	Assistant Professor	

**Associated Faculty from other colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Research Assistant	Statistics

**a) Teaching load of faculty for PG Programme**

**Dr. Mithlesh Verma, Associate Professor**

**Postgraduate programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	HECM-501	Global Extension System	3(3+0)	3.0
	HECM-502	Training and HRD	3(1+2)	5.0
	HSc-500	Research Methods and Home Science	3(3+0)	3.0
	HECM-505	Participatory Programme Management	3(1+2)	5.0
	HECM-506	Gender Sensitization for Empowerment	2(2+0)	2.0
2016-17	HECM-501	Global Extension System	3(3+0)	3.0
	HECM-502	Training and HRD	3(1+2)	5.0
	HSc-500	Research Methods and Home Science	3(3+0)	3.0
	HECM-505	Participatory Programme Management	3(1+2)	5.0
	HECM-506	Gender Sensitization for Empowerment	2(2+0)	2.0
2017-18	HECM-501	Global Extension System	3(3+0)	3.0
	HECM-502	Training and HRD	3(1+2)	5.0
	HSc-500	Research Methods and Home Science	3(3+0)	3.0
	HECM-505	Participatory Programme Management	3(1+2)	5.0
	HECM-506	Gender Sensitization for Empowerment	2(2+0)	2.0
2018-19	HECM-501	Global Extension System	3(3+0)	3.0
	HECM-502	Training and HRD	3(1+2)	5.0
	HSc-500	Research Methods and Home Science	3(3+0)	3.0
	HECM-505	Participatory Programme Management	3(1+2)	5.0
	HECM-506	Gender Sensitization for Empowerment	2(2+0)	2.0
2019-20	HECM-501	Global Extension System	3(3+0)	3.0
	HECM-502	Training and HRD	3(1+2)	5.0
	HSc-500	Research Methods and Home Science	3(3+0)	3.0
	HECM-505	Participatory Programme Management	3(1+2)	5.0
	HECM-506	Gender Sensitization for Empowerment	2(2+0)	2.0

**Undergraduate programme**

Year	Course code	Name of the course teaching	Credit	work Load
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			<b>hours</b>	<b>Hours</b>
2015-16	ECM-101	Extension and Rural Development	3(3+0)	3.0
	ECM-102	Instructional Technology	3(2+1)	4.0
	ECM-202	Programme Planning Implementation and Evaluation	3(2+1)	4.0
	ECM-304	Mass Communication	4(1+3)	7.0
	ECM-305	Designing Information Material	4(1+3)	7.0
	ECM-400	Industrial Attachment/ Internship	0+10	20.0
	ECM-405	Public Relation and Social Marketing	4(1+3)	7.0
	ECM-401	Multimedia Production	4(1+3)	7.0
	ECM-402	Training HRD	3(1+2)	5.0
2016-17	ECM-101	Extension and Rural Development	3(3+0)	3.0
	BSH-121	Women in Agriculture	(2+0)	2.0
	ECM-102	Instructional Technology	3(2+1)	4.0
	ECM-202	Programme Planning Implementation and Evaluation	3(2+1)	4.0
	ECM- 304	Mass Communication	4(1+3)	7.0
	ECM- 305	Designing Information Material	4(1+3)	7.0
	ECM-400	Industrial Attachment/ Internship	0+10	20.0
	ECM-405	Public Relation and Social Marketing	4(1+3)	7.0
	ECM-401	Multimedia Production	4(1+3)	7.0
	ECM-402	Training HRD	3(1+2)	5.0
2017-18	ECM-101	Extension and Rural Development	3(3+0)	3.0
	BSH-121	Women in Agriculture	(2+0)	2.0
	BSH-221	Communication Skill and Personality Development	3(2+1)	4.0
	ECM- 304	Mass Communication	4(1+3)	7.0
	ECM- 305	Designing Information Material	4(1+3)	7.0
	ECM-400	Industrial Attachment/ Internship	0+10	20.0
	ECM-405	Public Relation and Social Marketing	4(1+3)	7.0
	ECM-401	Multimedia Production	4(1+3)	7.0
	ECM-402	Training HRD	3(1+2)	5.0
2018-19	ECM-101	Extension and Rural Development	3(3+0)	3.0
	BSH-121	Women in Agriculture	(2+0)	2.0
	BSH-221	Communication Skill and Personality Development	3(2+1)	4.0
	BSH-312	Introduction to Rural Sociology	2(2+0)	2.0
	ECM- 305	Designing Information Material	4(1+3)	7.0
	ECM-400	Industrial Attachment/ Internship	0+10	20.0
	ECM-405	Public Relation and Social Marketing	4(1+3)	7.0
	ECM-401	Multimedia Production	4(1+3)	7.0
	ECM-402	Training HRD	3(1+2)	5.0
2019-20	ECM-101	Extension and Rural Development	3(3+0)	3.0
	BSH-121	Women in Agriculture	(2+0)	2.0
	BSH-221	Communication Skill and Personality Development	3(2+1)	4.0
	BSH-312	Introduction to Rural Sociology	2(2+0)	2.0
	-	Public Relation and Social Marketing	4(0+3)	7.0

**Dr. Sangeeta Gupta, Assistant Professor**

**Postgraduate programme**

<b>Year</b>	<b>Course code</b>	<b>Name of the course teaching</b>	<b>Credit hours</b>	<b>work Load Hours</b>
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2015-16	HECM-503	Communication For Development	3(1+2)	5.0
	HECM-504	Media Production and Management	3(1+2)	5.0
	HECM-509	Scientific Writing and Reporting for Media	3(1+2)	5.0
2016-17	HECM-503	Communication For Development	3(1+2)	5.0
	HECM-504	Media Production and Management	3(1+2)	5.0
	HECM-509	Scientific Writing and Reporting for Media	3(1+2)	5.0
2017-18	HECM-503	Communication For Development	3(1+2)	5.0
	HECM-504	Media Production and Management	3(1+2)	5.0
	HECM-509	Scientific Writing and Reporting for Media	3(1+2)	5.0
2018-19	HECM-503	Communication For Development	3(1+2)	5.0
	HECM-504	Media Production and Management	3(1+2)	5.0
	HECM-509	Scientific Writing and Reporting for Media	3(1+2)	5.0
2019-20	HECM-503	Communication For Development	3(1+2)	5.0
	HECM-504	Media Production and Management	3(1+2)	5.0
	HECM-509	Scientific Writing and Reporting for Media	3(1+2)	5.0

### Under-graduate programme

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	ECM-201	Communication & Adoption	3(2+1)	4.0
	ECM-301	Print Journalism	4(1+3)	7.0
	ECM-302	Electronic Journalism	4(1+3))	7.0
	ECM-303	Photo Journalism	4(1+3)	7.0
	ECM-306	Instructional Video Production	4(1+3)	7.0
	ECM-307	Audio Video Recording & Editing	4(1+3)	7.0
	ECM-308	Digital Advertising	4(1+3)	7.0
	ECM-400	Industrial Attachment Internship	10(0+10)	10.
	ECM-403	Project Management	3(1+2)	5.0
ECM-404	Entrepreneurship Development for Rural Families	4(1+3)	7.0	
2016-17	ECM-301	Print Journalism	4(1+3)	7.0
	ECM-302	Electronic Journalism	4(1+3))	7.0
	ECM-303	Photo Journalism	4(1+3)	7.0
	ECM-306	Instructional Video Production	4(1+3)	7.0
	ECM-307	Audio Video Recording & Editing	4(1+3)	7.0
	ECM-308	Digital Advertising	4(1+3)	7.0
	ECM-400	Industrial Attachment Internship	10(0+10)	10.0
	ECM-403	Project Management	3(1+2)	5.0
ECM-404	Entrepreneurship Development for Rural Families	4(1+3)	7.0	
2017-18	ECM-211	Project Management	3(1+2)	5.0
	ECM-301	Print Journalism	4(1+3)	7.0
	ECM-302	Electronic Journalism	4(1+3)	7.0
	ECM-303	Photo Journalism	4(1+3)	7.0
	ECM-400	Industrial Attachment/Internship	10(0+10)	10.0
2018-19	ECM-322	Information & Communication Technology	3(2+1)	4.0
	ECM-403	Project Management	3(1+2)	5.0
	ECM-404	Entrepreneurship Development for Rural Families	4(1+3)	7.0
2019-20	ECM-211	Project Management	3(1+2)	5.0
	ECM-411	Print & Electronic Journalism	3(0+3)	6.0
	ECM-414	Instructional Video Production	3(0+3)	6.0

**Dr. Neelma Kunwar, Professor**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	ECM-783	Methodologies for Home Science Extension research	3(2+1)	4.0
	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-785	Advances in Electronic Journalism	3(2+1)	4.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2016-17	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2017-18	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2018-19	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2019-20	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0

**Dr Upendra Dwivedi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2015-16	BSH-121	English & Technical Writing	2(1+1)	3
2016-17	BSH-121	English & Technical Writing	2(1+1)	3
2017-18	BSH-111	General English	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Ms. Geetshikha, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2018-19	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
2019-20	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

### Smt. Sumati Omer , Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

### 6.4.3. Technical and Supporting staff

The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.

\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.

\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.

\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.

The strength of Technical and Supporting Staff is given below:

Sl.No.	Designation	In Position
1.	Lab Attendant	01
	<b>Total</b>	<b>01</b>

### 6.4.4. Classrooms and Laboratories

Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.

Number and space for classrooms and laboratories

Particulars	No. of Rooms	Area (ft.)	Seating capacity
Laboratories	02	22.5× 22.1	40
		22.5× 22.5	40
Lecture Hall	01	22.2× 22.2	40
		22.2× 22.5	40
<b>Total</b>	<b>03</b>		





### Equipments

Computer, Printer, Scanner, Colour Printer, Laptop, TV, Projector, Solar lights, Packaging machine, Roti maker.

### Theory and Practical batches for the Postgraduate Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
M.Sc. Home Science (Extension Education and Communication Management)	As per admitted	As per admitted

### 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practical for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise. A total of 07 courses are being taught at postgraduate level in M.Sc. Home Science (Extension Education and Communication Management).

**Hands on training on Social researches:** Development and standardization of Interview Schedule (Tool) for gathering information on different aspects of research.



### 6.4.6. Supervision of Student in PG Programme

Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.

#### Students in Postgraduate programmes

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Mithilesh Verma	Teaching and guiding M.Sc. Home Science (Extension Education and Communication Management)	03	02	02	01	03
2.	Dr. Sangeeta Gupta	Teaching and guiding M.Sc. Home Science (Extension Education and Communication Management)	02	03	03	01	03

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

## Postgraduate Programme

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
M.Sc. Home Science (Extension Education and Communication Management)	06	05	05	05	02	06	0.00	0.00	0.00	0.00	0.00

### M.Sc. Thesis supervised by the faculty during 2015-16 to 2019-20

S.N.	Name of the Student	Topic	Awarded Year
1	Kavita	"Study on Factors causing illiteracy of Rural Women".	2015
2	Gyatri	"Role of Family Environment in the Involvement of Rural Women in Agricultural Activities".	2015
3	Virendra Kumar	"Advanced Communication Media Used for Rural Development".	2015
4	Shalini Pandey	Awareness of Female security in urban areas	2015
5	Shivya Trivedi	Role of Mobile Phone in Indian Agriculture	2015
6	Ranee Devi	Role of Rural women regarding decision making in family activities.	2016
7	Rahul	Effect of Television on farmers for their agriculture production technology.	2016
8	Pooja Verma	Time utilization pattern of farm women in agriculture & house hold activities.	2016
9	Sonam Kumar	Effect of old age homes on the life of old age people.	2016
10	Puspendra Kumar	To study on problems of Medicinal and Aromatic Plant Cultivation and Marketing in the Uttar Pradesh.	2016
11	Ankita	Decision making pattern of working women in Home Activities.	2017
12	Basundhara	Empowerment of Rural women through income generating activities	2017
13	Priyanka Priyadarshni	Role of Android in Smart Agriculture	2017
14	Shikha Verma	Consumer perception on Online shopping	2017
15	Swati Singh	A decision making process of Agriculture Women in Farm Management	2017
16	Archana	Role of Kisan Credit Card enhancing the agriculture production of farmers in Rural areas.	2018
17	Preeti	To study the use of social media as a source of Agricultural Information	2018
18	Prachi Patel	"Impact of climate change on agriculture and allied activities."	2019
19	Mukta Surya	"Awareness and satiation level regarding Janani Surakasha Yojana among beneficiaries."	2019
20	Seema	Study on Awareness and believes of farmers regarding organic farming in district Kanpur	2019
21	Ila Tiwari	Trends in technology adoption and impact on	2019



		income generating of Banana cultivation in the district Barabanki, U.P.	
22	Kanchan Devi	"Awareness and opinion of farmers regarding Pradhan Mantri Fasal Bima Yojna"	2019
23	Sushama Devi	Impact of Pradhan Mantri Ujjwala Yojana in rural development	2019

### **6.4.9. ICT application in Curricula Delivery**

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### **ICT application in curricula delivery**

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

**6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.**

**Yes, it has been followed**

**6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, **Professor (Dr.) Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ved Ratan*  
10.01.2021

**(Ved Ratan)**  
**Dean**

# **Self Study Report for PG Programme in Human Development and Family Studies**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## 6.4.1. Brief History of the Degree Programme

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The college of Home Science is one of the constituent colleges established under the aegis of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur.

A humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh, in specific and elsewhere in the country.

Department of Human Development and Family Studies (earlier Known as Child Development) came into existence as an independent department in the year 1998. Post graduate programme in the Department was introduced in the year 2002-03. The Curriculum equips the students with the knowledge all round development, early child hood care and management and research techniques in human development.

<b>Degree Programmes</b>	<b>Year in which degree started</b>
<b><i>M.Sc. Home Science</i></b> (Human Development and Family Studies)	2002-03

### **Goal**

The department of Human Development and Family Studies, Maharani Avantibai College of Home Science came into existence with a goal to develop specialized human recourses for various opportunities in the field of human development such as early childhood education, special education, student and parent counseling, psychological testing and assessment of infants, children and adults and creating an enriched open source of trained human resource in the field of human development and family studies ready to take up the responsibilities of accelerating the standard of living of human being in general and rural and urban families and communities in particular through teaching, research and extension activities.

### **Objectives**

The objectives are as follows:

- To appraise the students with different method and techniques of assessment in Human Development and expose them to different assessment techniques through out lifespan.
- To develop sensitivity and skills in working with children and families.
- To acquire working knowledge in counselling children and families.

- To develop competency in the preparation of participatory and innovative human development and family studies for the dissemination of vital information to vulnerable sections of the population.
- To provide the students exposure to various employment and entrepreneurial opportunities in the field of human development.
- To orient students in the field of human development in order to understand the Sociocultural and economic environment of rural, urban and semi urban communities
- To develop skills in planning, implementing, monitoring and evaluating various child and Family welfare programme.
- To undertake innovative research project aimed for finding new facts and solving current problems in the field of human development.

## Accomplishments

The postgraduate degree [M.Sc. Home Science (Human Development and Family Studies)] programme in Maharani Avantibai College of Home Science was started from academic session of 2002-03 with intake of 05 students. Till now 49 students have been awarded postgraduate degree in M.Sc. Home Science (Human Development and Family Studies). During the last five years 04 students have been awarded in postgraduate degree. These students were given admission based on their merit in state level entrance examination conducted under UP Combined Agriculture and Technology Entrance test. About 80 percent of students qualified UGC NET and JRF examination. Researches done on adolescent's challenges and impact of home environment of children. Our students are working in different reputed institutions.

### 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	-	01
2.	Associate Professor	01	01
3.	Assistant Professor	-	04
4.	Associated Faculty	02	-
5.	Teaching Associate	02	-
<b>Total</b>		<b>05</b>	<b>05</b>

#### Faculty Profile (Department wise):

Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Mukta Garg	Associate Professor

**Associated Faculty from other colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Assistant Professor	Statistics

**Teaching Associate**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Ms. Jyoti Kharus	Teaching Associate	Human development
2.	Dr. Pratibha Singh	Teaching Associate	Human resource development

**a) Teaching load of faculty for UG and PG Programme**

**Dr. Mukta Garg, Associate Professor**

**Postgraduate Programme**

Year	Course code	Name of the course teaching	Credit hours	Collaborators Teacher/Scientist name	work Load Hours
2015-16	HDFS-501	Theories of human Development and behaviour	3 (3+0)	--	3+0
	HDFS-504	Children with developmental Challenges	3 (2+1)	--	2+2
	HDFS-507	Guidance and Counseling	3 (1+2)	--	1+4
	HDFS-511	Appraisal of child and Family welfare	2(1+1)	--	1+2
	HDFS-502	Advances in Life Span development	3 (2+1)	--	2+2
	HDFS-503	Gender issues in Human Development and Family relations	3 (2+1)	--	2+2
2016-17	HDFS-509	Adolescents Development	3(2+1)	--	2+2
	HDFS-591	Master Seminar	1(1+0)	--	1+0
	HDFS-503	Gender issues in Human Development and Family Studies	3 (2+1)	--	2+2
2017-18	HDFS-503	Gender issues in Human Development and Family Studies	3 (2+1)	--	2+2
2018-19	HDFS-503	Gender issues in Human Development and Family Studies	3 (2+1)	--	2+2
2019-20	HDFS-501	Theories of human Development and behaviour	3 (3+0)	--	3+0
	HDFS-504	Children with developmental	3 (2+1)	--	2+2

		Challenges			
	HDFS-507	Guidance and Counseling	3 (1+2)	Jyoti Karush (G.F)	1+1
	HDFS-511	Appraisal of child and Family welfare	2(1+1)	--	1+2
	HDFS-502	Advances in Life Span development	3 (2+1)	Jyoti Karush (G.F)	1+1
	HDFS-503	Gender issues in Human Development and Family relations	3 (2+1)	--	2+2

#### Under-graduate Programme

Year	Course code	Name of the course teaching	Credit hours	Collaborators Teacher/Scientist name	work Load Hours
2015-16	HUD-201	Children with Developmental Challenges	3(2+1)	--	2+2
	HUD-202	Dynamics of Marriage and Family Relations	3 (2+1)	--	2+2
2016-17	HUD -101	Life span Development	3(2+1)	--	2+2
	HUD-102	Early Childhood care and development	3(2+1)	--	2+2
	HUD -201	Developmental Challenges in children	3 (2+1)	--	2+2
	HUD-202	Dynamics of Marriage and Family Relations	3 (3+0)	--	3+0
2017-18	HDFS -111	Fundamentals in Human Development	2(2+0)	--	2+0
	HDFS-121	Life Span Development	3 (2+1)	--	2+2
	HUD -201	Developmental Challenges in children	3 (2+1)	--	2+2
	HUD-202	Dynamics of Marriage and Family Relations	3 (3+0)	--	3+0
2018-19	HDFS -111	Fundamentals in Human Development	2(2+0)	--	2+0
	HDFS-121	Life Span Development	3 (2+1)	--	2+2
	HDFS -211	Marriage and family Dynamics	3 (2+1)	--	2+2
	HDFS -221	Developmental Challenges in children	3 (2+1)	--	2+2
	BSH-221	Communication Skills and Personality development	3 (2+1)	--	1+1
	HDFS -311	Family counselling and child Welfare	3 (2+1)	--	2+2
2019-20	HDFS-121	Life Span Development	3 (2+1)	--	2+2
	HDFS -211	Marriage and family Dynamics	3 (2+1)	--	2+2
	HDFS -221	Developmental Challenges in children	3 (2+1)	--	1+1
	BSH-221	Communication Skills and Personality development	3 (2+1)	Dr. Mithilesh Verma	1+1
	HDFS -311	Family counselling and child Welfare	3 (2+1)	--	2+1

#### Dr.Vidya Dayal, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
------	-------------	-----------------------------	--------------	-----------------

2016-17	HUD-102	Childhood care and development	3 (2+1)	4
	HDFS-502	Advances in Life Span development	3 (2+1)	4

**Ms. Jyoti Kharus, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	HDFS -111	Fundamentals in Human Development	2(2+0)	2
	HDFS-507	Guidance and counselling	3 (2+1)	4
	HDFS -221	Developmental Challenges in children	3 (2+1)	4
	HDFS -321	Educational psychology and family childhood	3 (2+1)	4
	HDFS-502	Advances in Life Span development	3 (2+1)	4

**Dr Upendra Dwivedi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2015-16	BSH-121	English & Technical Writing	2(1+1)	3
2016-17	BSH-121	English & Technical Writing	2(1+1)	3
2017-18	BSH-111	General English	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Ms. Geetshikha, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2018-19	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
2019-20	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

**Smt. Sumati Omer , Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

**A. Extension Activities**

- Home visits are conducted to impart knowledge about immunization and importance of Pre school education
- Home visits are conducted to impart skills to provide intervention to children
- Awareness about women education and accepting children with disabilities was given through goshthi.
- Organized programmes for parents to enlighten on various topics related to child behaviour and development.
- Organized different visits for the students to give them practical knowledge about the different organization working for child and women welfare.
- Students disseminate information to farmers and their families pertaining to child development, programme running for welfare of women and children through models and charts and pamphlets during kisan Mela.
- Students prepare charts on bulletin boards to create awareness amongst visitors on current issues related to Human Development and family Studies.

**B. Additional duties**

- In charge department of Human Development.
- Worked as NSS programme officer from July 2015- August 2018.
- Faculty representative Maharani Avantibai College of Home Science, 2015-16 to 2019-2020.
- Member of teaching monitoring committee of university 2015-16 to 2019-2020.
- Assistant examination Superintendent Maharani Avantibai College of Home Science. 2015-16 to 2019-2020.
- Member of anti ragging committee Maharani Avantibai College of Home Science 2015-16 to 2019-2020
- Worked as UG/Pg Teaching Coordinator Faculty of Home Science from 2018-2019.
- Class advisor of B.Sc and M.Sc students 2015-16 to 2019-2020.

### 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl. No.	Designation	In Position
1.	Jr. Assistant	01
2.	Nursery teacher (Contractual)	01
<b>Total</b>		<b>02</b>

### 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

**Number and space for classrooms and laboratories**

Particulars	No. of Rooms	Area (Ft.)
Testing Lab	01	45.90 × 32.80
Activity Centre	01	45.90×34.40
Nursery Observation Lab	01	42.60×29.50
Class Room	01	31.20×36.10
<b>Total</b>	<b>04</b>	

**Nursery Observation Laboratory:** Nursery Observation Laboratory facilitates students to observe and study growth and development of young children. It is equipped with various play equipments for enhancing children's large muscle development and specific play



materials to promote small muscle development in children, creativity and cognitive, social and emotional development. It is also equipped with various play-way teaching aid materials.

**Equipments:** Humpty Dumpty, Cycle, Plastic Tub (Big & Small), Car, Slide with Tunnel & Hut, Soft Ball (full packet), Wooden Boat, Plastic Roaker, Slide (Small), Sea Saw, Doll Play house (Open), Hut shape balloon house, Blocks, Music system, Basket ball, Puppets stage Wooden, Height measuring rod, Weighing scale, Essal board, Marry go round, Sand pit (Tortoise).

**Testing Laboratory:** The Testing Laboratory is equipped with various psychological tests that are required for the purpose of assessment of physical, motor growth and development of different aspects of development such as intelligence, personality, emotional competence, social maturity of children etc.

Some other standardized scales viz emotional competency, aptitude scale, parental encouragement scale, home environment inventory are also available in the testing laboratory.

### Theory and Practical batches for the Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
M.Sc. Home Science (Human Development and Family Studies)	As per admitted	As per admitted

### 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

### Conduct of Practical and Hands on Training

Practicals for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise. A total of 07 courses are being taught at postgraduate level in M.Sc. Home Science (Human Development and Family Studies).

Testing lab provides hand on training on different methods and techniques for assessment of human development. Nursery observation laboratory facilitate students to observe and study the development of young children and hand on training for pre-school management and practical experience for conducting and implementing different activities for early childhood children.



### 6.4.6. Supervision of Student in PG Programme

Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.

#### Supervision of students in postgraduate & Ph.D. programmes

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Mukta Garg	Teaching and guiding M.Sc. Home Science (Human Development and Family Studies)	01	02	-	-	-

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?

#### Feedback of stakeholders (Students, parents, industries, employers, farmers etc.)

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

*Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.*

#### Postgraduate Programme

Postgraduate programme in M.Sc. Home Science (Human Development and Family Studies) was started from academic session 2002-03.

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
M.Sc. Home Science (Human Development and Family Studies)	03	01	02	-	-	01	0.00	0.00	-	-	0.00

#### M.Sc. Thesis Supervised

Year	Name of student	Thesis topic	Supervisor
2015-16	Divya Yadav	Mother's emotional maturity and its relation to preschooler's cognitive development.	Dr. Mukta Garg
2016-17	Supriya Yadav	A study on learning styles of adolescents' siblings and its relation to their academic achievements.	Dr. Mukta Garg
2016-17	Beena Upadhyay	Study of level of aspiration of adolescents' of working and non-working mothers	Dr. Mukta Garg

### 6.4.9. ICT application in Curricula Delivery

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### ICT application in curricula delivery

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of UG/PG degree programmes.

**Yes, it has been followed**

6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.

The college authorities are ready to show all facilities to the committee whenever required.

**6.4.12. Certificate (Application when SSR is submitted for Programme)**

I, **Professor (Dr.) Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ved Ratan*  
*10.01.2021*

**(Ved Ratan)**  
**Dean**

# **Self Study Report for**

# **Ph.D. Programme in**

# **Extension Education and**

# **Communitication Management**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## **6.4: Self Study Report for Ph.D. Programme in Extension Education and Communication Management**

### **6.4.1. Brief History of the Degree Programme**

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The Ph.D. programme in *Extension Education and Communication Management* was started during academic year 2004-05.

<b>Degree Programmes</b>	<b>Year in which degree started</b>
<i>Ph.D. (Home Science)</i> (Extension Education and Communication Management)	2004-05

#### **Goal**

*The enduring goals can be stated as –*

- Achieve an outstanding doctoral programmes.
- Undertake outstanding basic, applied and adoptive research programmes that have far reaching applications in the field to human and community development.
- Provide outstanding extension programmes and other outreach project/efforts, relevant to the needs of the families and women to improve quality of life within the state and beyond.
- Build outstanding competent personalities with high market value in the professional world.
- Build national/international reputation of the Extension education & Communication Management a department par excellence in effective use, integration and understanding of technology for progress of families and women empowerment in specific and mankind in general.

#### **Objectives**

The departmental goals need to be translated into objectives that are specific, clear and achievable with well defined parameters. Bearing in mind the goals, the strengths and constraints of the existing institutional set up, the objectives were drawn, which would lead to the realization of the defined goals.

- To offer a satisfying doctoral programme in the lines of the ICAR recommendations to meet the needs of its stakeholders and to develop ability in its clientele (students) to understand the interrelationship between micro and macro issues.
- To organize extracurricular activities for the overall development of students.
- To strengthen the practical/laboratory infrastructure and field work experience content in the course curriculum.
- To chalk out thrust areas of research and plan and undertake various basic and applied researches in different fields in order to create an impact on empowerment of women in specific and others in general.
- To collaborate with other national and international agencies involved in teaching, research and development programmes.
- To develop technologies relevant for the region appropriate for the farming and non farming family systems with the goals of conservation of resources, reduction in

drudgery of work/tasks done by women and children, improve quality of environment and life and lead to workers empowerment and rural development.

- To make efforts for creation of new posts in the development for its academic programmes. It required, involve part-time/visiting faculties to fill the gap in running its programme successfully.
- To introduce a regular ongoing feature of invited lectures by eminent persons in the various thrust areas identified by different disciplines of Home Science.
- To organize short term specialized training seminars/symposia/workshops at national/international level.
- To plan and organize programmes related to transfer of technologies for families and women development and rural development.
- To provide consultancy services to government and non-government bodies engaged in women's development and empowerment and directly to families and women to ensure better quality of life.
- To strengthen the infrastructure facilities to support its activities in various spheres.

### Accomplishments

- Till now, 22 students have been awarded Ph.D. degree in Extension Education and Communication Management by the department and during the last five years 12 students have been awarded Ph.D. degree.
- The department is getting research fellows for Post Doctoral Fellowship regularly since year 2011-12 from UGC and ICSSR, New Delhi during year 2015-2020. Three research fellows completed their research work and presently five research fellows are working in the department.
- 16 students had been awarded the Ph.D. degree during 2015-2020.
- During 2015-2020, three projects have been successfully completed in the department funded by ICAR, New Delhi and Govt. of Uttar Pradesh.

### 6.4.2. Faculty Strength

*The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, Teaching Associate, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.*

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	01	01
2.	Associate Professor	-	01
3.	Assistant Professor	-	04
4.	Associated Faculty	02	-
5.	Full time attached faculty	02*	-
<b>Total</b>		<b>05</b>	<b>06</b>

\*Associate professor-1, Assistant Professor-1

**Faculty Profile:** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Neelma Kunwar	Professor

**\*Full time attached faculty from other colleges of the university**

S. N.	Name of full time attached faculty	Designation	Specialization
1.	Dr. Mithlesh Verma	Associate Professor	Extension Education and Communication Management
2.	Dr. Sangeeta Gupta	Assistant Professor	

**Associated Faculty from other colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Research Assistant	Statistics

**a) Teaching load of faculty for Ph.D. Programme**

**Dr. Neelma Kunwar, Professor**

**Ph.D. Programme**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	ECM-783	Methodologies for Home Science Extension research	3(2+1)	4.0
	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-785	Advances in Electronic Journalism	3(2+1)	4.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2016-17	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2017-18	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2018-19	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0
	ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
	ECM-787	Seminar	1(0+1)	2.0
2019-20	ECM-784	Creative Writing and Public Speaking	2(1+1)	3.0
	ECM-781	Social Marketing and Public Relation	2(1+1)	3.0
	ECM-782	Extension Programme Management	2(1+1)	3.0



ECM-786	Drudgery Ergonomics and Working Environment of Rural Women	2(1+1)	3.0
ECM-787	Seminar	1(0+1)	2.0

### 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl.No.	Designation	In Position
1.	Lab Attendant	01
<b>Total</b>		<b>01</b>

### 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

**Number and space for classrooms and laboratories**

Particulars	No. of Rooms	Area (ft.)	Seating capacity
Laboratories	02	22.5× 22.1	40
		22.5× 22.5	40
Lecture Hall	01	22.2× 22.2	40
		22.2× 22.5	40
<b>Total</b>	<b>03</b>		





### Equipments

Computer, Printer, Scanner, Colour Printer, Laptop, TV, Projector, Solar lights, Packaging machine, Roti maker.

### Theory and Practical batches for the Ph.D. Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
<i>Ph.D. (Home Science)</i> Extension Education and Communication Management	As per admitted	As per admitted

### 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practical for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise.

**Hands on training on Social researches:** Development and standardization of Interview Schedule (Tool) for gathering information on different aspects of research.



### 6.4.6. Supervision of Student in Ph.D. Programme

Number of students being supervised by Faculty in case of Masters/PhD Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.

#### Students supervised in Ph.D. programmes

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Neelma Kunwar	Teaching and guiding <b>Ph.D. Home Science</b> (Extension Education and Communication Management)	02	02	02	03	03

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

#### Ph.D. Programme

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
Ph.D. Home Science (Extension Education and Communication Management)	03	02	02	02	03	03	0.00	0.00	0.00	0.00	0.00

**Ph.D. awarded in ECM Department****List of Ph.D. students supervised by Dr. Neelima Kunwar, Professor during 2015-16 to 2019-20**

Sl. No.	Name of Research Scholar	Ph.D. Specialization	Title	Year
1.	Renu Verma	Ph.D. (Extn. Edu.)	“Cause of neglected old age people forced to take shelter in Vridha Ashram”	2015
2.	Amrita Baranwal	Ph.D. (Extn. Edu.)	“A study on cases of increasing rate of infertility among women and it’s impact on their life in modern scenario”	2015
3.	Sarita Devi	H. Sc. (Ext. Edu)	A study on conflicts and problems of land and property rights for farm women	2016
4.	Asha Yadav	H. Sc. (Ext. Edu)	Health Effect of Pesticides on Human Life	2016
5.	Harshita Chauhan	H. Sc. (Ext. Edu)	Causes of Female security and safety in U.P. State	2017
6.	Rashmi Yadav	H. Sc. (Ext. Edu)	Role of farm women in potato production priority and to develop innovative products according to market demand and health benefits.	2017
7.	Amisha Kumary	H. Sc. (Ext. Edu)	Role of farm women in drudgery reducing practices related to Dairy Farming.	2017
8.	Suchita Mishra	Ph.D. (Extn. Edu.)	Role of women in dairy enterprises	2017
9.	Jyoti Gupta	Ph.D. (Extn. Edu.)	Role of women in environmental security.	2018
10.	Anamika Singh	Ph.D. (Extn. Edu.)	Women in agriculture play a huge role in preparation of the soil for a healthy life.	2018
11.	Shalini Gupta	Ph.D. (Extn. Edu.)	Impact of cyber crime through social networking sites on adolescents.	2018
12.	Pratima Tiwari	Ph.D. (Extn. Edu.)	Impact of Sansad Adarsh Gram Yojna in Ayodhya commissionerary (Faizabad)	2019
13.	Pratima Sachan	Ph.D. (Extn. Edu.)	Causes of increasing drug addiction practices among teen agers in Kanpur City	2020

**Post Doctoral Fellow (PDF) supervised by Dr. Neelma Kunwar, Professor**

PDF fellows sponsored by UGC and ICSSR, New Delhi are working in department of Extension Education & Community Management since 2013. The list of PDF fellows are as under:

Sl. No.	Name of the Fellow	File No.	Year	Tenure	Sponsoring agency	Name of Supervising faculty
1.	Dr. Kirti Dwivedi	PDFWM – 36542	2016-17	5 years	UGC	Dr. Neelma Kunwar
2.	Dr. Anchal Sharma	3-190/2016-17/ PDF	2016-17	2 years	ICSSR	Dr. Neelma Kunwar
3.	Dr. Aradhana Kushwaha	3-157/18-19/ PDF/GEN	2016-17	2 years	ICSSR	Dr. Neelma Kunwar
4.	Dr. Nalini Sahoo	3-163/18-19/ PDF/ GEN	2016-17	2 years	ICSSR	Dr. Neelma Kunwar
5.	Dr. Ani Bajpai	3-127/19-20/ PDF/ GEN	2019-20	2 years	ICSSR	Dr. Neelma Kunwar
6.	Dr. Priyanka Srivastava	3-79/19-20/ PDF/GEN	2019-20	2 years	ICSSR	Dr. Neelma Kunwar

## 6.4.9. ICT application in Curricula Delivery

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

### ICT application in curricula delivery

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of Ph.D. degree programmes.

**Yes, it has been followed**

6.4.11. *Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.*

The college authorities are ready to show all facilities to the committee whenever required.

6.4.12. **Certificate (Application when SSR is submitted for Programme)**

I, **Professor (Dr.) Ved Ratan**, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ved Ratan*  
*10.01.2021*

**(Ved Ratan)**  
**Dean**

# **Self Study Report for Ph.D. Programme in Family Resource Management**



**Maharani Avantibai College of Home Science, Kanpur**  
Chandra Shekhar Azad University of Agriculture & Technology,  
Kanpur - 208002

## **6.4. Self Study Report for Ph.D. Programme in Family Resource Management**

### **6.4.1. Brief History of the Degree Programme**

*Clearly mention in which year the degree program was initiated among with its objective and accomplishments.*

The College of Home Science is one of the constituent college established under the agies of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur. The department of Family Resource Management initially offered Ph.D. Programme in family resource management during academic year 2002-03.

<b>Degree Programmes</b>	<b>Year in which degree started</b>
Ph.D. (Home Science) Family Resource Management	2002-03

#### **Goal**

The department of Family Resource Management, College of Home Science started offering doctoral programme [Ph.D. (Home Science) Family Resource Management] with a view point of creating an enriched open source of sustainable trained human resource in the field of Family Resource Management ready to take up the responsibilities of accelerating the standard of family in general and rural and urban families and communities in particular.

#### **Objectives**

The department of Family Resource Management, College of Home Science is working as one of the constituent colleges of the Chandra Shekhar Azad University of Agriculture & Technology, Kanpur and functioning to fulfill objectives set in the Act of the University. The objectives are as follows:

- To impart skill and knowledge of financial management and consumer education.
- To inculcate awareness about the ergonomic principles in relation to household, equipment and occupations.
- To prepare students to assist in resource generation and allocation.
- To develop entrepreneurial skills in students.

#### **Accomplishments**

The doctoral degree [Ph.D. (Home Science) Family Resource Management] programme in College of Home Science was started from academic session of 2002-03. Till now, 10 students have been awarded Ph.D. Degree by the department and during the last five years 03 students have been awarded Ph.D. degree in Family Resource Management. The students were given admission based on their merit in state level entrance examination conducted under UP Combined Agriculture and Technology Entrance Test during the period of 2015-16 to 2019-20 total 03 students were awarded degree.

## 6.4.2. Faculty Strength

The faculty strength of the Degree Programme need to be given cadre-wise, both sanctioned and in-place (under the table mentioned below.) Clearly mention the number of permanent faculty appointed for the Degree Programme, Part time faculty being deputed from the other departments (in such case mention the name of these departments). If the Degree Programme is also taking the help of Research staff, contractual faculty, guest faculty, adjacent faculty or any other arrangement being made to complete the curriculum, it should be clearly mentioned in the report.

The faculty strength is given below

S.N.	Designation	Sanctioned	In Position	Faculty Recommended by ICAR
1.	Professor	01	-	01
2.	Associate Professor	01	01	01
3.	Assistant Professor	01	-	04
4.	Associated Faculty	-	05	-
5.	Guest faculty	-	02	-
<b>Total</b>		<b>03</b>	<b>08</b>	<b>06</b>

**Faculty Profile (Department wise):** Mention department-wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the department.

S.N.	Name of Faculty	Designation
1.	Dr. Rashmi Singh	Associate Professor

**Associated Faculty from other Departments/ colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Neelima Kunwar	Professor	Extension Education and Communication Management
2.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
3.	Dr. Arun Kumar	Assistant Professor	Statistics
4.	Dr. Asha Yadav	Associate Professor	Family Resource management
5.	Dr. Sangeeta Gupta	Assistant Professor	Extension Education and Communication Management
6.	Dr. Mithilesh Verma	Associate Professor	Extension Education and Communication Management

**Teaching Associates**

Year	Name of Faculty	Specialization
2015-16	Dr Aradhana Kushawaha	Family Resource Management
	Dr Shivangi Shukla	Family Resource Management
2016-17	Dr Aradhana Kushawaha	Family Resource Management
	Dr Anchal Sharma	Family Resource Management
2017-18	Dr Aradhana Kushawaha	Family Resource Management
	Dr Reema	Family Resource Management
2018-19	Dr Aradhana Kushawaha	Family Resource Management
	Dr Kirtima Sachan	Family Resource Management
	Ms Soumya Awasthi	Family Resource Management
2019-20	Dr Snehlata	Family Resource Management
	Dr Reema	Family Resource Management



## Duties of the faculty (Teaching Associate)

### Dr. Aradhana Kushwaha

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	FRM-201	Fundamentals of art & Design Consumer Ergonomics	3(1+2)	5
	FRM-502	Advance Interior space management	3(2+1)	4
	FRM-503	Housing and space management	3(2+1)	4
	FRM-102	Advance Housing	3(2+1)	4
2016-17	FRM-102	Management of Family Resources	3(3+0)	3
	FRM-201	Fundamentals of Art & Design	3(1+2)	5
2017-18	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-201	System Dynamics and management	3(1+2)	5
	FRM-111	System Dynamics and management of Recourses	2(1+1)	3
2018-19	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-507	Consumer Communication Media	3(1+2)	5
	FRM-506	consumer Guidance & counseling	3(2+1)	4

### Dr. Shivangi Shukla, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2015-16	FRM-507	Ist Consumer Communication Media	3(1+2)	5
	FRM-506	Consumer Guidance and couselling	3(2+1)	4
	FRM-504	Advance Housing	3(2+1)	4

### Dr. Anchal Sharma, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2016-17	FRM-	Advance Interior Space Management	3(2+1)	4

### Dr. Reema, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2017-18	FRM-202	Family Economics and consumer Management	3(2+1)	4
	FRM-507	Consumer Communication media	3(1+2)	5
	FRM-506	Consumer Guidance and cousellihg	3(2+1)	4

**Dr. Kirtima Sachan and Ms. Saumya Awasthi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2018-19	FRM-211	Finacial management and consumer education	2(2+0)	2
	FRM-121	System Dynamics and management of resources	2(1+1)	3
	FRM-222	Ergonomics and appropriate management	2(1+1)	3
	FRM-506	Consumenr guidance and cousselling	3(2+1)	4
	FRM-221	Housing and space management	3(2+1)	4

**Dr. Snehlata, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2019-20	FRM-211	Finacial management and consumer education	2(2+0)	2
	FRM-311	Residential and commercial space design	3(2+1)	4
	FRM-221	Housing and space management	3(1+2)	5
	FRM-222	Ergonomics and appropriate management	2(1+1)	3
	FRM-504	Advance Housing	3(2+1)	4

**Dr. Reema, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	work Load Hours
2019-20	FRM-111	Fundamentals of art & Design	3(2+1)	4
	FRM-507	Consumer Communication media	3(1+2)	5
	FRM-211	Finacial management and consumer education	2(2+0)	2
	FRM-121	System Dynamics and management of resources	2(1+1)	3
	FRM-321	Entrepreneureship development and business management	3(2+1)	4
	FRM-510	Work and workstation design	3(2+1)	4

**Dr Upendra Dwivedi, Teaching Associate**

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2015-16	BSH-121	English & Technical Writing	2(1+1)	3
2016-17	BSH-121	English & Technical Writing	2(1+1)	3
2017-18	BSH-111	General English	2(1+1)	3
2017-18	BSH-121	English & Technical Writing	2(1+1)	3

### Ms. Geetshikha, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2018-19	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3
2019-20	BSH-111	English & Technical Writing	2(1+1)	3
	BSH-121	English & Technical Writing	2(1+1)	3

### Smt. Sumati Omer, Teaching Associate

Year	Course code	Name of the course teaching	Credit hours	Work Load Hours
2019-20	BSH-123	Agricultural Informatics	3(1+2)	5
	ECM-321	Information and Communication Technology	3(1+2)	5

## 6.4.3. Technical and Supporting staff

*The position of the technical and supporting staff of the Degree Programme including farm and field workers need to be mentioned for both sanctioned and in- place.*

*\*The technical and supporting staff assigned the responsibilities for the multiple programmes need to be clearly marked.*

*\*\*Clearly mention the deviation in the staff position with respect to the recommendations of V Deans' Committee/VCI/BSMA/ other regulatory bodies.*

*\*\*\* In case of Private Universities/affiliated colleges list of technical and supporting staff, their name, specialization, date of appointment in the college, period of contract, salary account summary for last three years with the reference to Form 16 (income tax) shall be provided.*

**The strength of Technical and Supporting Staff is given below:**

Sl.No.	Designation	In Position
1.	Lab Attendant	01
<b>Total</b>		<b>01</b>

## 6.4.4. Classrooms and Laboratories

*Mention the number of class rooms and functional laboratories available for the degree programme and justify if it is sufficient to meet the course curricula requirement. Lists major equipments, laboratories, farm facilities, workshops and other instructional units being utilized for the award of the Degree Programme may be given. Mention theory and practical batches for the Degree Programme.*

### Number and space for classrooms and laboratories

Particulars	No. of Rooms	Areas (Ft.)	Seating capacity
Class Room	02	12×10.9 10×11	20
Staff Room	01	23×16.8	20
Laboratory-1 UG	01	22.3×23.3	20
Smart class	01	22.3×23.3	20
Computer Lab	01	22.×17	20
<b>Total</b>	<b>06</b>		

## Equipments

Microwave oven, oven toaster griller, OTGs 1930, overhead projector, micro grill mc2143cb, vacuum cleaner, exercise gym cycle, washing machine, refrigerator, cooking range, mixer, digital podium, digital projector, speakers(2), AC(2), Dishwasher,

## Theory and Practical batches for the Degree Programme

Name of the PG Degree Programme	Batch of students in theory class	Batch of students in practical class
Ph.D. (Home Science) Family Resource Management	As per admitted	As per admitted

### 6.4.5. Conduct of Practical and Hands on Training

*It is important to have a sound grasp of the theory that underlies any professional degree. But there are some skills that can only be learned through hands-on -practice. It is important that much of the learning material in any given course should be provided in a way that allows students to get as involved as possible to increase their knowledge and abilities. Clearly mention how far students are getting desired practical and hands-on-training as per the curriculum and meeting above mentioned requirements.*

Practicals for all courses are conducted in the laboratories as per the requirements of the degree. While conducting the Practical first the students are instructed about the procedures and practices they have to follow, while accomplishing the exercise. Thereafter, the students are guided for hands on practice for doing the practical exercise at his/her own to build up confidence in the students for independent accomplishment of the exercise. A total of 07 courses are being taught at postgraduate level in M.Sc. Home Science (Family Resource Management).



### 6.4.6. Supervision of Student in Ph.D. Programme

Number of students being supervised by Faculty in case of Ph.D. Programme (as per ICAR/UGC guidelines). Mention the realistic figure number of qualified faculty in relation to the intake of students, as per the guidelines in the matter.

S N	Name of Faculty	Accredited for	No. of students supervised				
			2015-16	2016-17	2017-18	2018-19	2019-20
1.	Dr. Neelima Kunwar	Accredited for Doctoral Programme	-	-	01	01	01

### 6.4.7. Feedback of stakeholder (Students, parents, industries, employers, farmers etc.)

Mention the feedback mechanism (duly supported by the documents) from different stakeholders of the degree programme. What action the University has taken in last five years to address the issues raised in the feed back?

#### Feedback of stakeholders (Students, parents, industries, employers, farmers etc.)

There is a well-developed mechanism for seeking feed-back from students regarding teaching-learning process. The mechanism of feedback of the students is through interaction with students, parents, alumni, social media, industries and institutions while going for higher education.

### 6.4.8. Student intake and attrition in the programme for last five years

Year wise information on sanctioned strength, actual intake and attrition in the last five years of the Degree Programme, in the tabular form, shall be provided.

#### Ph.D. Programme

Postgraduate programme in Ph.D. (Home Science) Family Resource Management was started from academic session 2002-03.

Name of the Degree programs	Yearly sanctioned intake	Actual Student admitted					Attrition (%)				
		2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
Ph.D. (Home Science) Family Resource Management	03	-	-	01	01	01	-	-	-	-	-

#### Ph.D. Thesis Supervised by Dr. Neelima Kunwar, Professor:

Year	Name of student	Thesis topic	Supervisor
2017	Reema ID No. 1755/14	Role of Indian women in sewage water at domestic level	Dr. Neelima Kunwar, Professor
2018	Deepika Sachan ID No. 1831/15	Impact and constraints of toilet scheme for rural women security in India	Dr. Neelima Kunwar, Professor
2019	Richa Gupta ID No. 1830/15	Problems faced by families that are fastly adopting apartment culture in Kanpur	Dr. Neelima Kunwar, Professor

### **6.4.9. ICT application in Curricula Delivery**

*The ICT is now integral part of the teaching programme. ICAR has also been promoting the use of ICT in teaching and practical. Mention whether the Degree Programme is meeting the expectations. If there is any shortfall, it shall be clearly mentioned.*

#### **ICT application in curricula delivery**

The teaching is done with the aid of latest ICT technologies (Multimedia and LCD Projectors along with display board) for enabling more interactive and participatory teaching for better grasping and learning to the students. Normally the teaching is done offline in real mode in the classroom but due to COVID-19 pandemic entire institution globally switched over to online mode of teaching virtually likewise this college also gradually switched over to online mode teaching through Google meet, ZOOM and Whatsapp etc.

### **6.4.10. The information pertaining to 6.4.1 to 6.4.9 shall be provided for each one of Ph.D. degree programmes.**

**Yes, it has been followed**

### **6.4.11. Since the accreditation of programmes is related to the All India Admission from ICAR and also having weight age for College accreditation, therefore the data presented in the section 6.4 is liable to the verification at any stage.**

The college authorities are ready to show all facilities to the committee whenever required.

### **6.4.12. Certificate (Application when SSR is submitted for Programme)**

**I, Professor (Dr.) Ved Ratan**, the Dean, College of Home Science hereby certify that the information contained in the section 6.4.1 to 6.4.9 are furnished as per the records available in the college, and degree awarding University.

*Ved Ratan*  
*10.01.2021*

**(Ved Ratan)**  
**Dean**

**Self Study Report**  
**for**  
**Maharani Avantibai**  
**College of Home Science**



**Maharani Avantibai College of Home Science, Kanpur**  
**Chandra Shekhar Azad University of Agriculture & Technology,**  
**Kanpur - 208002**

## **6.5. Self Study Report for Maharani Avantibai College of Home Science, Kanpur**

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, the University in its 38<sup>th</sup> meeting of the Board of Management held on 29<sup>th</sup> July 1981 considered and approved SND Schemes for the year 1981-82 through which the concept of imparting Home Science education, the science and art of managing the farm/ rural family system, took birth. The general consensus amongst the learned members of the Board of Management to this concept, culminated in the consolidation of it and thus, a decision to start Home Science as a discipline under the umbrella of the Faculty of Agriculture took shape. According to the Statutes of the University, there exists a provision for a Home Science College [Section 28 (1)] and a Home Science Faculty [Section 17 (1)]. After a couple of years of serious thinking and planning, the Faculty of Agriculture opened the Department of Home Science in the University in 1983-84.

Thus, from a humble beginning in 1983-84 as a Department of Home Science in the Faculty of Agriculture with a couple of significant rooms at its disposal, the discipline, gained the status of a College in the year 1986 with a building and premises of its own, for which the foundation stone was laid in September 1986 by none other than Shri Narendra Singh, the then Hon'ble Minister of Agriculture, Uttar Pradesh. Sri Narendra Singh inaugurated the building of the Faculty of Home Science in August 1987. Subsequently after a decade of its existence as a College, the Faculty of Home Science took shape in 1998 at CSAUA&T, Kanpur, to impart Home Science education to the people of Uttar Pradesh in specific and elsewhere in the country in general. 5 departments were established under the faculty of Home Science, namely – (1) Child Development, (2) Food and Nutrition, (3) Family Resource Management (4) Textiles and Clothing and (5) Extension Education and Communication Management.

Maharani Avantibai College of Home Science is offering undergraduate and postgraduate programme leading to B.Sc. (Hon's.) Home Science and M.Sc Home Science Degree in Human Development and family Studies, Food Science and Nutrition, Family Resource Management, Textile & Clothing and Extension and Communication Management. Ph.D. (Home Science) of 3-years duration has been started in two disciplines since 2002-03, while Ph.D. in remaining three departments of Home Science has started from academic session 2020-21. The intake approval for admission is 52 students including 15% ICAR seats per year in B.Sc. (Hons.) Home Science and 38 students including 25% admission from ICAR in five disciplines of M.Sc. (Home Science) whereas, two each in Ph.D. in Family Resource Management and Extension Education and Communication Management department.

### **6.5.1. College Administration**

The Dean of the Maharani Avantibai College of Home Science is responsible to the Vice-Chancellor for the conduct and maintenance of the standards of teaching in the college. His the *ex-officio* Chairman of the Board of Studies of the Faculty, a member of the



Academic Council, the Research Council and the Extension Education Council of the University. He shall have the authority to exercise all such disciplinary powers over the students and faculties.

### 6.5.1.1. College of Dean's Office Establishment

*Whether Dean's post has been sanctioned by the appropriate authority as per ICAR Model Act/UGC guidelines? Date of selection of present Dean, mode of selection, tenure etc. shall be mentioned. Clearly mention the staff and infrastructure/facilities available in the Dean's Secretariat.*

Presently, Dr. Ved Ratan, Professor, Department of Plant Pathology is the officiating dean since 12.01.2018 and administrative head of the Maharani Avantibai College of Home Science. The Dean, Maharani Avantibai College of Home Science has well-furnished office secretariat with all basic amenities. According to the statutes of the university, there exists a provision for a Home Science College [(Section 28 (a)] and a Home Science Faculty [Section 17(1)]. The special secretary (Agri.) Government of Uttar Pradesh vide his letter No. 795/67- Kri.Shi.Anu.-14-400(108)/07 dated 06-08-2014 clearly indicated that senior most Professor of the College/ Department will be responsible for officiating the post of the Dean. Dean's post has not been sanctioned by the State Government.

#### Staff and infrastructure facilities in the Dean's Secretariat

Sl. No.	Designation	No. of Sanctioned Posts	In Position	Vacant	Total
1.	Computer Programmer	01	01	-	01
2.	Stenographer	01	01	-	01
3.	Sr. Assistant	01	01	-	01
4.	Jr. Assistant	02	03	-	02
5.	Lab Attendant	02	02	-	02
6.	Watchman	01	01	-	01
7.	Peon	01	01	-	01
<b>Total</b>		<b>09</b>	<b>09</b>		<b>09</b>

### 6.5.1.2 Monitoring Mechanism for Quality Education (on-line)

*Whether the College is having an internal quality assurance system, with appropriate structure and processes, and with enough flexibility to meet the diverse needs of the stakeholders which is required for planning, guiding and monitoring quality assurance and quality enhancement activities of the Colleges. How effectively monitoring of teaching, research and extension across the departments is being conducted, and mention the impact of monitoring on the outcome of the College with reference to students' excelling in academics, research and extracurricular activities.*

The traditional method of monitoring is prevailing with the help of concerned head/ In-charges, and frequent inspection by higher officials of University and through feedback from the student. However online monitoring is in the process of establishment, but online teaching is encouraged through zoom, google meet and Whatsapp platforms as usually being followed by other agricultural universities of Uttar Pradesh.

### 6.5.1.3 CC/Board of Studies

*Whether the CC in the Department level and Board of Studies at the College is in place? The composition of the BoS and date of conduct of meetings for last five years and major recommendations made by the BoS should be given in tabular form.*

The board of Studies/ Faculty of the college of Home Science and the meeting organized with agenda and recommendations are as follows-

#### Meeting of Board of studies organized during 2015-16 to 2019-20

Presence	Position	Date of meeting	Agenda	Recommendation
Dr. Neerja Agrawal, Dean, H.Sc. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Sangeeta Gupta, Asstt. Prof. Dr. Archana Singh, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Ms. Sumayal,(Teaching Associate) Dr. Aradhana Kushwaha (Teaching Associate)	Chairman Member Member Member Member Member Member Member	04.07.2016	Time table, classess & Batches.	Recommendations were made as per agenda
Dr. Neerja Agrawal, Dean, H.Sc. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Sangeeta Gupta, Asstt. Prof. Dr. Archana Singh, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Ms. Sumayal,(Teaching Associate) Dr. Aradhana Kushwaha (Teaching Associate)	Chairman Member Member Member Member Member Member Member	18.07.2016	Vth Dean Committee Report	Recommendations were made as per agenda.
Dr. Neerja Agrawal, Dean, H.Sc. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof.	Chairman Member Member Member Member Member	27.04.2017	Vth Dean Committee recomondation for new syllabus	Recommendations were made as per agenda.

Dr. Neerja Agrawal, Dean, H.Sc. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Sangeeta Gupta , Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Ms. Sumayal Anjum, Teaching Associate	Chairman Member Member Member Member Member Member	12.5.2017	Vth Dean Committee recomondati on for syllabus	Recommendatio ns were made as per agenda.
Dr. Ved Ratan, Prof & Dean Dr. Neelma Kunwar, Assoc.Prof. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Sangeeta Gupta , Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof.	Chairman Member Member Member Member Member Member	14.10.2019	Kisan Mela .	Recommendatio ns were made as per agenda
Dr. Ved Ratan, Prof & Dean Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Sangeeta Gupta , Asstt. Prof. Dr. Archana Singh, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof.	Chairman Member Member Member Member Member	28.11.2019	for time table discussion	Recommendatio ns were made as per agenda.
Dr. Ved Ratan, Prof & Dean Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Sangeeta Gupta , Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Dr. Archana Singh, Asstt. Prof.	Chairman Member Member Member Member Member Member Member	27.12.2019	Time table, classess & Batches	Recommendatio ns were made as per agenda.
Dr. Ved Ratan, Prof & Dean Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Sangeeta Gupta , Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Archana Singh, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof.	Chairman Member Member Member Member Member Member Member	23.1.2020	Time table & Guide allotment	Recommendatio ns were made as per agenda.

Dr. Ved Ratan, Prof & Dean Dr. Neelma Kunwar, Assoc.Prof. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Dr. Archana Singh, Asstt. Prof.	Chairman Member Member Member Member Member Member Member Member	29.5-2020	Change the name of Maharani Avantibai College of Home Science	Recommendations were made as per agenda.
Dr. Ved Ratan, Prof & Dean Dr. Neelma Kunwar, Assoc.Prof. Dr. Mukta Garg, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Dr. Archana Singh, Asstt. Prof.	Chairman Member Member Member Member Member Member Member Member	4.6.2020	To start Certificate course in Home Science .	Recommendations were made as per agenda
Dr. Ved Ratan, Prof & Dean Dr. Mukta Garg, Asstt. Prof. Dr. Sangeeta Gupta, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Dr. Archana Singh, Asstt. Prof.	Chairman Member Member Member Member Member Member Member Member	12.6.2020	To Prepare Road map and JRF Question	Recommendations were made as per agenda.
Dr. Ved Ratan, Prof & Dean Dr. Mukta Garg, Asstt. Prof. Dr. Sangeeta Gupta, Asstt. Prof. Dr. Vinita Singh, Asstt. Prof. Dr. Rashmi Singh, Asstt. Prof. Dr. Seema Sonkar, Asstt. Prof. Dr. Mithilesh Verma, Asstt. Prof. Dr. Ritu Pandey, Asstt. Prof. Dr. Archana Singh, Asstt. Prof.	Chairman Member Member Member Member Member Member Member Member	18.6.2020	Student Ready Programme	Recommendations were made as per agenda.

### 6.5.1.4 Anti Ragging Cell

*In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. Does the College follow this regulation and subsequent guidelines issued in the matter in letter and spirit? Give details.*

**Anti ragging cell/committee is following the regulations as per UGC guidelines. The composition of anti-ragging cell is as under:**

SN	Name	Designation
1.	Dr. Ved Ratan, Dean /Chief Warden	Chairman
2.	Dr. Mithilesh Verma, Associate Professor/Warden	Member
3.	Dr. Archana Singh, Associate Professor	Member
4.	Dr. Mukta garg, Associate Professor	Member
5.	Dr. Seema Sonkar, Associate Professor	Member
6.	Dr. Vinita Singh, Associate Professor	Member
7.	Dr. Rashmi Singh , Associate Professor	Member
8.	Dr. Ritu Pandey, Assistant Professor	Member
9.	Dr. Sangeeta Gupta, Assistant Professor	Member
10.	Dr. Sweta, Associate Professor	Member

### **6.5.1.5 Biological waste disposal facility**

*Whether wastes (chemical, biological, radioactive, universal, and recyclable) are generated by a variety of research, clinical, service, maintenance, and cleaning operations at the College level? If yes, then mention the disposal mechanism being adopted as per the government guidelines.*

The college is not dealing with radioactive material, hence not generating any radioactive waste. The college is also not generating any microbiological waste. The biological wastes like crop residues are incorporated in the soil for manuring. The other collected biological waste (weeds etc.) is properly disposed-off by keeping in pits especially prepared for the purpose. Biological and other waste materials are being disposed as per the guidelines of Central/State government.

### **6.5.1.6 Institutional Ethics Committee for Experiment on animals:**

*Whether the institute/College is following CPCSEA guidelines and constituted an Institutional Animal Ethics Committee (IAEC), get their animals house facilities inspected and get their project cleared by CPCSEA and IAEC before commencing them? The College should make statement that it is adhering all guidelines in the matter*

The college belongs to plant and social sciences and presently no animal is being reared/ maintained for experimental purposes.

### **6.5.1.7 Committee for Prevention of Sexual Harassment of Woman at Work Places:**

*Does the institution is adhering the sexual harassment of women at workplace (Prevention, Prohibition and Redressal Act, 2013) in letter and spirit. Mention the constitution of sexual harassment committees and date of proceedings conducted in last five years in tabular form.*

## Committee for prevention of sexual harassment of women at work places

As per the University Grant Commission regulations-2015 on “Prevention, prohibition and redressal of sexual harassment of women employees and students”, the committee constituted at university level is also looking after the Maharani Avantibai College of Home Science. The composition of the committee is as under:

### Committee constituted for prevention of sexual harassment of women at work place.

S.N.	Name	Designation
1.	Dean, College of Agriculture	Chairman
2.	Dr. J.P. Yadav, Dean, CAET, Etawah	Member
3.	Dr. H.C. Singh, Professor, CAET, Etawah	Member
4.	Dr. Devendra Singh, Professor/ADSW, CAET, Etawah	Member
5.	Dr. (Mrs.) Mithilesh Verma, Assoc. Professor Maharani Avantibai College of Home Science Member	Member
6.	Dr. Seema Sonkar, Assoc. Prof. FSN, Maharani Avantibai College of Home Science	Member
7.	Dr. Naushad Khan, Assoc. Prof.	Member
8.	Estate & Administrative Officer	Secretary

### Details of the meeting held during the last 5 year is given below-

S.No.	Date of meeting held	No. of participants	Remarks
1	22/01/2016	6	Two cases have come under the notice of the committee.
2.	02/09/2016	7	
3.	11/09/2019	7	
4.	25/09/2019	7	
5.	11/10/2019	7	

## 6.5.2. Faculty

The College of Community Science has courses in basic science, agriculture science and Home Science. The Faculty has five departments under its umbrella and each deal with one major area of Home Science. At present the five departments of specialization are: Food Science and Nutrition, Human Development and Family Studies, Textiles and Apparel Designing, Home Science Extension and Communication Management. Family Resource Management. The teaching staffs including the teachers working in Faculty is as follows:

### 6.5.2.1. Faculty Strength

*Mention the Faculty position (both in sanctioned and in-position) at the College*

The Maharani Avantibai College of Home Science has 05 departments. The faculty position both sanctioned and filled is given below

Sl. No.	Designation	No. of Sanctioned Posts	In Position	Vacant	Total	Faculty Recommended by ICAR
1.	Dean	01	-	01	01	01
2.	Professor	04	01	03	04	03
3.	Associate Professor	10	07	05	12	05
4.	Assistant Professor	16	01	15	16	22
5.	Associated Faculty	-	06	-	06	-
6.	Teaching Associate	-	05	-	05	-
7.	Full time attached faculty	-	02	-	02	
<b>Total</b>		<b>31</b>	<b>22</b>	<b>24</b>	<b>46</b>	<b>31</b>

- One faculty member from the Directorate of extension and One from Agriculture Extension is attached in the Department of Home Science of Communication.
- One Nursery Teacher cum /Artist is working in the department of Human Development and Family Studies is working on fixed salary basis.
- All the faculty members possess Ph. D. degree and. The major credit of Maharani Avantibai College of Home Science is our one faculty member possesses a D.Sc. Degree.

### 6.5.2.2. Faculty Profile (Department wise)

*Mention department wise faculty profile in tabular form and mention whether present profile is sufficient to meet the academic requirement of the College.*

#### 1. Department of Food Science & Nutrition

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	-	01
2.	Associate Professor	02	01
3.	Assistant Professor	-	04
4.	Associated Faculty	05	-
<b>Total</b>		<b>07</b>	<b>06</b>

#### Name and designation of faculty

S.N.	Name of Faculty	Designation
1.	Dr. Seema Sonkar	Associate Professor
2.	Dr. Vinita Singh	Associate Professor

#### Associated Faculty from other colleges of the University

S.N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Nand Kumar	Assistant Professor	Bio-chemistry
2.	Dr. S.D. Dubey	Assistant Professor	Microbiology
3.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics

4.	Dr. Ram Ji Gupta	Professor	AH & Dairying
5.	Dr. V.K. Tripathi	Professor	Fruit Science

### Supporting staff from other colleges of the university

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Sri Ajit Singh	Computer Designer cum visualizer	Computer

## 2. Department of Textile and Clothing

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	-	01
2.	Associate Professor	01	01
3.	Assistant Professor	01	04
4.	Associated Faculty	02	-
5.	Teaching Associate	02	-
<b>Total</b>		<b>06</b>	<b>06</b>

### Name of faculty and designation:

S.N.	Name of Faculty	Designation
1.	Dr. Archana Singh	Associate Professor
2.	Dr. Ritu Pandey	Assistant Professor

### Associated Faculty from other colleges of the University

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Assistant Professor	Statistics

### Teaching Associate

S.N.	Name of Teaching Associate	Specialization
1.	Dr. Sumayal Anjum	Textile & Clothing
2.	Miss Ankita Yadav	Textile & Clothing
3.	Dr Upendra Dwivedi,	English
4.	Ms. Geetshikha,	English
5.	Smt. Sumati Omer	Information Technology

### Supporting staff from other colleges of the university

S.	Name of	Designation	Specialization
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<b>N.</b>	<b>Associated Faculty</b>		
1.	Sri Ajit Singh	Computer Designer cum visualizer	Computer

### 3. Department of Family Resource Management

The faculty strength is given below

<b>S.N.</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>In Position</b>	<b>Faculty Recommended by ICAR</b>
1.	Professor	01	-	01
2.	Associate Professor	01	01	01
3.	Assistant Professor	01	-	04
4.	Associated Faculty	-	05	-
5.	Teaching Associate	-	02	-
<b>Total</b>		<b>03</b>	<b>08</b>	<b>06</b>

#### Name of faculty and designation

<b>S.N.</b>	<b>Name of Faculty</b>	<b>Designation</b>
1.	Dr. Rashmi Singh	Associate Professor

#### Associated Faculty from other colleges of the University

<b>S. N.</b>	<b>Name of Associated Faculty</b>	<b>Designation</b>	<b>Specialization</b>
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
2.	Dr. Arun Kumar	Assistant Professor	Statistics
3.	Dr. Asha Yadav	Associate Professor	Family Resource management
4.	Dr. Mithilesh Verma	Associate Professor	Extension Education and Communication Management
5.	Dr. Sangeeta Gupta	Assistant Professor	Extension Education and Communication Management

#### Teaching Associate

<b>Year</b>	<b>Name of Faculty</b>	<b>Specialization</b>
2015-16	Dr Aradhana Kushawaha	Family Resource Management
	Dr Shivangi Shukla	Family Resource Management
2016-17	Dr Aradhana Kushawaha	Family Resource Management
	Dr Anchal Sharma	Family Resource Management

2017-18	Dr Aradhana Kushawaha	Family Resource Management
	Dr Reema	Family Resource Management
2018-19	Dr Aradhana Kushawaha	Family Resource Management
	Dr Kirtima Sachan	Family Resource Management
	Ms Soumya Awasthi	Family Resource Management
2019-20	Dr Snehlata	Family Resource Management
	Dr Reema	Family Resource Management

#### 4. Extension Education and Communication Management

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
1.	Professor	01	01
2.	Associate Professor	-	01
3.	Assistant Professor	-	04
4.	Associated Faculty	02	-
5.	Full time attached faculty	02*	-
<b>Total</b>		<b>05</b>	<b>06</b>

\*Associate professor-1, Assistant Professor-1

Name of faculty with designation:

S.N.	Name of Faculty	Designation
1.	Dr. Neelma Kunwar	Professor

#### Full time attached faculty from other colleges of the university

S. N.	Name of full time attached faculty	Designation	Specialization
1.	Dr. Mithlesh Verma	Associate Professor	Extension Education and Communication Management
2.	Dr. Sangeeta Gupta	Assistant Professor	

#### Associated Faculty from other colleges of the University

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
3.	Dr. Arun Kumar	Assistant Professor	Statistics

#### 5. Human Development and Families Studies

The faculty strength is given below

S.N.	Designation	In Position	Faculty Recommended by ICAR
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1.	Professor	-	01
2.	Associate Professor	01	01
3.	Assistant Professor	-	04
4.	Associated Faculty	02	-
5.	Teaching Associate	02	-
<b>Total</b>		<b>05</b>	<b>06</b>

**Name of faculty with designation:**

S.N.	Name of Faculty	Designation
1.	Dr. Mukta Garg	Associate Professor

**Associated Faculty from other colleges of the University**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Dr. Anjani Kumar Singh	Assistant Professor	Statistics
3.	Dr. Arun Kumar	Assistant Professor	Statistics

**Teaching Associate**

S. N.	Name of Associated Faculty	Designation	Specialization
1.	Ms. Jyoti Kharus	Teaching Associate	Human development
2.	Dr. Vidya Dayal	Teaching Associate	Human resource development

### 6.5.2.3. Credential of the Faculty

*Whether the institution has employed competent faculty members qualified to accomplish the mission and goals of the institution? Give the highest qualification received by each faculty, related work experiences in the field, professional licensure and certifications, honors and awards, continuous documented excellence in teaching, or other demonstrated competencies and achievements that contribute to effective teaching and student learning outcomes.*

### Award/ Honour/ Recognitions/Highest Qualification

The Faculty wise details of Awards/honours/ Recognitions are as under-

- Dr. Neelima Kunwar, Professor, Department of Extension Education and Communication Management**

*Dr. Neelima Kunwar, Professor, Department of Extension Education and Communication Management possessed Ph.D. Degree.*

- Member of Peer Review Team (PRT) by the Indian Council of Agricultural Research (ICAR) for Basundhara Marathwada Krishi Vidhyapeeth Parbhani, Maharashtra, 2018.
- Expert in Home Science for post of Professor, Associate and Assistant at Pt. Deen Dayal Upadhyay University, Gorakhpur, G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand and CSJM University, Kanpur, Maharana Pratap

University of Agriculture and Technology, Udaipur, Rajasthan, Hemvati Nandan Bahuguna Garhwal University, Nainital.

3. Expert in the Home Science Discipline for Public Service Commission, U.P. and Uttarakhand since last five years.
  4. Expert in UGC SAP project (2014-17) in the state of Tamil Nadu.
  5. Delivered the key note/lead paper “Role of women in Environment Security in India” held on 26-30 Nov. 2017 at Malaysia in Global meet on Science and Technology sponsored by Society for Recent Development in Agriculture.
  6. Delivered the Key note/lead paper “Role of women in food security in India held on 27-29 May, 2019 at Kathmandu, Nepal in International Conference of Food Security Tribhuvan University, Nepal.
  7. Received Presidential Appreciation Award 2015 for outstanding work done in the field of Teaching/Research/Extension during International Conference at Indian Society of Genetics, Biotechnology Research and Development, Agra Feb. 18-20, 2015.
  8. Received Distinguished Faculty Award Specialization-Home Science of the Faculty Award-VIFA-2016 09 June, 2016 at Venus International Faculty Award Chennai.
  9. Received Smt. Revati Singh Memorial Award 2017 at Kuala-Lumpur, Malaysia for outstanding work in the field of Home Science during the Global Meet on Science and Technology for ensuring quality life, sponsored by Recent Development in Agriculture Society held at 26 – 30 Nov., 2017.
  10. Received ASDF Global Award of Best Academic Dean on 30 Dec. 2017 at Goa.
  11. Received Bharat Jyoti Puruskar for outstanding work in the field of Home Science for the year 2018 at New Delhi sponsored by Best Citizen Publishing House, New Delhi.
  12. Received Honorary Fellowship Award 2018 at Bali Indonesia sponsored by Society for Recent Development in Agriculture.
  13. Received Presidential Award 2018 for outstanding contribution and recognition in the field of Home Science on occasion of World Congress on Biotechnology and Health Care 12-14 Nov., 2018 at Pharmacy College of Girls, Dubai sponsored by Indian Society of Genetic Biotechnology Research & Development.
  14. Received Eminent Professor Scientists Awa4rd 2018 for outstanding contribution and recognition in the field of Home Science held on 26-28 Nov. at University Patra Malaysia Kualalampur sponsored by Indian Society of Genetics, Biotechnology Research and Development.
  15. Received Award of Outstanding Achievement Honor in International Conference on Food Security through Agriculture & Allied Science FAAS (2019) held on 27-29 May at Tribhuvan University Kathmandu Nepal sponsored by Society for Agriculture Innovations Development Ranchi.
2. **Dr. Mukta Garg, Associate Professor/Incharge, Department of Human Development and Families Studies**

***Dr. Mukta Garg, Associate Professor/Incharge, Department of Human Development and Families Studies possessed Ph.D. Degree.***

1. Mukta Garg received Certificate of Appreciation by Dean Maharani Avantibai College of Home Science for outstanding work as NSS Programme Officer Unit III during the year 2015

2. Mukta Garg received Bharat Vikas award by Institute of Self Reliance Bhubaneswar in the year 2016
3. Mukta Garg received NSS Azad Seva Puruskar 2017, CSAU ni of Agri and Technology for her excellent services in National Service Scheme
4. Mukta Garg awarded Best Poster presentation in Uttan Agripen-2019 National Conclave on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies, held on March 6<sup>th</sup>-8<sup>th</sup>, 2019 at C.S.A.Uni. of Agri & Tech Kanpur
5. Mukta Garg received Distinguished Scientist Award -2019 for outstanding contribution in Human Development and Family Studies by Society for World Environment, Food and Technology, New Delhi during 2<sup>nd</sup> National Conference Technology in Emerging Aspects in Agriculture and Community Science held on 7-8 february,2020 at International Buddhist Research Institute, Lucknow

**4. Dr. Archana Singh, Associate Professor, Department of Textile and Clothing**

***Dr. Archana Singh, Associate Professor, Department of Textile and Clothing possessed Ph.D. Degree.***

1. Archana Singh received Second prize for poster presentation entitled “Sweet Lime Peel: A potential organic mosquito repellent” by Archana Singh, Apoorva Gupta and Rimpi Pandey in 3<sup>rd</sup> Uttar Pradesh Agricultural Science Congress held at SHIATS in Allahabad from June14 -16,2015.
2. Archana Singh Third prize for poster presentation entitled “Designing Macramé Jewelry: A creative opportunity” by Garima Singh, Archana Singh, and Tara devi in 4<sup>th</sup> Uttar Pradesh Agricultural Science Congress held at CSAUA&T in Kanpur from March 2 -4,2016.
3. Archana Singh received “Certificate of Appreciation” as a cultural counselor for excellent contribution in successfully organizing University level Cultural Competition (Literary Events) held on 28/9/16.
4. Archana Singh received “Certificate of Appreciation” as a cultural counselor for excellent contribution in successfully organizing University level Competitions on the occasion of Agriculture Education Day, held on 3<sup>rd</sup> Dec. 2017.
5. Archana Singh received Second prize for poster presentation entitled “Enrichment of Cotton Sarees with Abstract Motif” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25, 2017 at C.S.A.Univ. of Agril. & Tech., Kanpur.
6. Archana Singh received Third prize for poster presentation entitled “Embellishment of Kurties: An Alternative for Women Entrepreneurs” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25,2017 at C.S.A. Univ. of Agril. & Tech., Kanpur.
7. Archana Singh received “Certificate of Appreciation” for successful organizing the national conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25,2017 at C.S.A. Univ. of Agril. & Tech., Kanpur.
8. Archana Singh received “Certificate of Appreciation” for successful organizing the national conference on Organic Farming for Sustainable Agriculture and Livelihood Security under Changing Climatic Condition” held at CSAUA&T in Kanpur from 12<sup>th</sup> -13<sup>th</sup> Dec., 2017.
9. Archana Singh received Consolation prize for poster presentation entitled “Enrichment

of Cotton Sarees with Abstract Motif” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25, 2017 at C.S.A.Univ. of Agril. & Tech., Kanpur.

10. Archana singh received third prize for poster presentation entitled “Banana Handicrafts: Ways of Empowering Rural Women” in National Conclave on “Empowering Rural Women through Agripreneurship and Innovative Farm Technologies” held during March 6-8,2019 at C.S.A.Univ. of Agril. & Tech., Kanpur.
11. Archana Singh received consolation prize for poster presentation entitled “Natural Dye on Banana Blended Fabric- A sustainable Way” in National Conference on “Plant Health Management for Eco-friendly and Sustainable Agriculture” held during Nov.25-26, 2019 at C.S.A.Univ. of Agril. & Tech., Kanpur.
12. Archana Singh received “Certificate of Appreciation” for successful organizing the 4<sup>th</sup> National Brassica Conference on “Innovative Approaches in Oilseed Brassica towards Self Sufficiency” held at CSAUA&T in Kanpur from 1<sup>st</sup> -3<sup>rd</sup> Feb., 2019.

#### **4. Dr. Seema Sonkar, Associate Professor, Department of Food Science & Nutrition**

*Dr. Seema Sonkar, Associate Professor, Department of Food Science & Nutrition possessed Ph.D. Degree.*

1. Dr. Seema Sonkar recognized as a Fellow of The Indian Society of Agricultural Biochemists, CSAUA&T, Kanpur during 2016.
2. Dr. Seema Sonkar recieved ‘Certificate of participation’ in International Conference on ‘Triticale Biology, Breeding and Production’ during July 2-5, 2017.
3. Dr. Seema Sonkar received ‘Teaching Award’ for her outstanding contribution in the field of Food and Nutrition from Astha Foundation on 30 Oct., 2018.
4. Dr. Seema Sonkar recieved ‘Certificate of Recognition’ for her phenomenal and worthy plenary presentation on ‘Food policy and their implementation towards food security in India’ at the 3<sup>rd</sup> International Conference on Agricultural Engineering and Food Security held during Nov. 12-13, 2018 in Berlin, Germany.
5. Dr. Seema Sonkar received ‘Certificate of participation’ from Nordic Folk center for participation in International 9<sup>th</sup> ICSA Confernece held during 28-29<sup>th</sup> Aug., 2019 at Nordic Folk center, Denmark

#### **5. Dr. Vinita Singh, Associate Professor, Department of Food Science & Nutrition**

*Dr. Vinita Singh, Associate Professor, Department of Food Science & Nutrition possessed Ph.D. Degree.*

1. Vinita Singh, Eminent Scientist Award for research in the International Conference on ‘New Challenges in Biotechnology and Molecular Biology in the Context of 21<sup>st</sup> Century (NCBMBCC), held at ST.JOHN’S COLLEGE, Agra (U.P). 27-29 FEB 2016.
2. Vinita Singh, Fellow of the Indian Society of Agricultural Biochemists at C.S.A University Kanpur. , December 06, 2016.
3. Vinita Singh, Scientist of the year Award in the field of Research/Extension and rural development for sustainable Agriculture and all round welfare of rural community held at Agra, June 11-12, 2016.
4. Vinita Singh, Reviewer Excellence Award as reviewer of Indian Journal of Animal Research and Asian Journal of Dairy and Food Research on 17 November 2016.
5. Vinita Singh, Awarded first prize in poster competition in National Conference Farmers Centric Agri innovation for Sustainable Development on 24-25 March 2017

at C.S.A University Kanpur.

6. Vinita Singh, Fellowship Award-2017 for outstanding contribution and recognition in the field of Home Science on the occasion of Global Meet on science and technology for ensuring quality life (GMST-2017) held during 26-30 Nov.2017
7. Vinita Sigh, Awarded Third prize in poster competition in National Conference on Plant health Management for Eco friendly and Sustainable Agriculture-IPSMEZCON 2019 at C.S.A University Kanpur.
8. Vinita Sigh, Awarded Third prize in poster competition in National Conference on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies from 6 to 8 March, 2019 at C.S.A University Kanpur
9. Vinita Sigh, Awarded Third best Oral Presentation Award for her paper entitled "Nutritional evaluation of germinated wheat flour (*Triticum Aestivum* L.) Products fortified with pumpkin seeds and beet green powder as immunity booster for Covid-19 in National pandemic: Experience Sharing and Strategies at C.S.A University Kanpur, 6-8 May 2020.
10. Vinita Sigh, Awarded First best Oral Presentation Award for her paper entitled "Development and qualitative estimation of value added chia seed (*Salvia hispanica*) Products" in National Web-Conference 2020 on management of resources for improvement of productivity, biodiversity and livelihood security at C.S.A University Kanpur, 29-30 July 2020.

6. **Dr. Ritu Pandey, Assistant Professor, Department of Textile and Clothing**

*Dr. Ritu Pandey, Assistant Professor, Department of Textile and Clothing possessed Ph.D. Degree.*

1. Ritu pandey Adjudged outstanding participant in a short course on Value Addition in Jute & Allied Fibers through Product Diversification & Waste Utilization (15-09-2016 to 05-10-2016) NIRJAFT, ICAR, Kolkata.
7. **Dr. Mithilesh Verma, Associate Professor, Department of Extension Education and Communication Management**  
*Dr. Mithilesh Verma, Associate Professor, Department of Extension Education and Communication Management possessed Ph.D. Degree.*
2. Mithilesh Verma The executive Council of the Society of Agricultural Professionals feel pleasure to confer Certificate of Honour-2015 C.S.A. Kanpur.
3. Mithlesh Verma Received Rastriya Gaurav Award for Meritorious Services, outstanding performance and remarkable role by Dr. Bhimsha Narain Singh former Governor of Tamilnadu and Assam at the Seminar of Economic Growth and National Integration at New Delhi on 9th June 2016 (International Friendship Society).
4. Mithlesh Verma ,The received Mother Teresa Excellence Award, 27 May, 2017 at a Seminar on Economic Growth & National Integration At New Delhi, India International Friendship Society.
5. Mithlesh Verma Received outstanding Scientist Award IJTA, 5th International Conference onAgriculture, Horticulture and Plant Science, Anandam Resort Laxman JhulaRoad, Tapovan, Rishikesh (U.K.), June 24th – 25th 2017, organized by International Journal of Agriculture and Serials Publications Pvt. Ltd., New Delhi.
6. Mithlesh Verma Received Kunwar Saxena Bahadur SRDA Award, The Executive Committee Confers, Home Science on the occasion of Global meet on Science and

Technology for Ensuring Quality Life (GMST-2017), held during 26-30 Nov.2017 at Kuala Lumpur, Malaysia.

7. Mithlesh Verma Received Best Teacher Award, Ex Nayi Rah Foundation (ENRF), Etawah (UP), India, for outstanding contribution in the field of Extension Education and Communication Management, during 28-29 April, 2018, held at Jawaharlal Nehru University (JNU) Convention Centre, New Delhi.
8. Mithlesh Verma Received Best Teacher Award, National Conference on Recent Trends and New Frontiers in Biotechnology Agriculture, Science and Environment during 22-23 Feb., 2020, organized by Academy for Environment and Life Sciences, Agra Department of Botany, St. John's College, Agra.

**8. Dr. Sangeeta Gupta, Assistant Professor, Department of Extension Education and Communication Management**

*Dr. Sangeeta Gupta, Assistant Professor, Department of Extension Education and Communication Management possessed Ph.D. Degree.*

1. Sangeeta Gupta, Received "Adarsh Vidhya Saraswati Rastriya Award" in Excellence for outstanding contribution in the field of education research, innovative practices in teaching, Feb. 2, 2017 from Global Management Council, Gujrat.
2. Sangeeta Gupta, Received Best Poster Presentation Award in International Conference on Sustainability of Small holder Agriculture in Developing Countries under changing Climate Scenario held on 14-17 Feb., 2018 organized by the Society of Agricultural Professionals, CSAUA&T, Kanpur.
3. Sangeeta Gupta, Received International Women Empowerment Award 2019 from International American Council for Research & Development (IACRD), United States of America faculty Awards 2019, held on 30<sup>th</sup> June 2019 Perambalur, Tamilnadu.

**Work Experience of Faculty of Maharani Avantibai College of Home Science**

Sl. No.	Name of the Faculty	Designation / Position	Highly Qualification	Work-Experience
1.	Dr. Neelma Kunwar	Professor, Extension Education and Communication Management	Ph.D.	28 yrs
2.	Dr. Mukta Garg	Associate Professor, Human Development and Family Studies	Ph.D.	19 yrs
3.	Dr. Seema Sonkar	Associate Professor, Food Science & Nutrition	Ph.D.	19 yrs
4.	Dr. Rashmi Singh	Associate Professor, Family Resource Management	Ph.D.	18 yrs
5.	Dr. Archana Singh	Associate Professor, Textile and Clothing	Ph.D.	19 yrs
6.	Dr. Ritu Pandey	Assistant Professor, Textile and Clothing	Ph.D.	13 yrs
7.	Dr. Vinita Singh	Associate Professor, Food Science & Nutrition	Ph.D.	19 yrs
8.	Dr. Mithilesh Verma	Associate Professor, Extension Education and Communication	Ph.D.	28 yrs



		Management		
9.	Dr. Sangeeta Gupta	Assistant Professor, Extension Education and Communication Management	Ph.D.	19 yrs

### **National /International-Conferences organized by College of Home Science**

- Workshop on “Capacity building of Zari Zardoji Craft artisans” 16-17 July, 2016 held at C.S.A.University of Agriculture and Technology, Kanpur
- **Uttan Agripen-2019** National Conclave on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies held on March 6<sup>th</sup>-8<sup>th</sup>, 2019 held at C.S.A.University of Agriculture and Technology, Kanpur
- **National Webinar on “Changing the Future with Communication Skills”** June 16, 2020 held at C.S.A.University of Agriculture and Technology, Kanpur.



### **Training Organized under NAHEP CAAST-NC Project by the Faculty**

- Brainstorming on Bio-fortification towards food security, 21 Feb, 2019, C.S.A. University of Agriculture and Technology, Kanpur
- Two days National Training on Advanced technology of food processing, 16-17 March, 2019, C.S.A. University of Agriculture and Technology, Kanpur.
- Enterprises development using value addition of vegetables 20-21 Sep, 2019, C.S.A. University of Agriculture and Technology, Kanpur.
- Enforcement of food safety in Indian food industry, 10 Dec, 2019, C.S.A. University of Agriculture and Technology, Kanpur.
- Advanced Techniques of food processing and preservation, 27 Jan-2 Feb, 2020 NIFTEM, Sonipat
- Diet counseling camp, 29 Feb, 2020, C.S.A. University of Agriculture and Technology, Kanpur.
- Emerging technologies for food preservation and safety, 13 March, 2020, C.S.A. University of Agriculture and Technology, Kanpur
- E training on Nutritional security & Health Through Value Addition of Vegetables and Pulses, 6-10 July 2020, C.S.A. University of Agriculture and Technology, Kanpur.

- Twenty one days National Training on Recent advances in functional and nutraceuticals for future foods, 8-28 July, 2020, C.S.A. University of Agriculture and Technology, Kanpur.

## Research Papers published by faculty

### Research Papers published by faculty

#### 2015-16

#### **Dr. Dr. Neelma Kunwar, Extension Education and Communication Management**

1. Anupma Kumar, Anjna and Neelma Kunwar (2015). “Global consumption of Millet : A Study” Research Link – 134 Vol. XIV(3) : May pp. 109-110.
2. Renu Verma & N. Kunwar (2015) Causes and problems of neglected old age people to take shelter in vridha Ashram in India. Jr. of Impact-IJRANSS Vol-3 issue. 10 Oct. 2015 Ohio, USA-www. Impact Journal. US.
3. Amrita Barnwal & N. Kunwar (2015) Causes of increasing rate of female infertility in India. Jr. of International Jr. of Science and Research ISSN (online) 2319-7064 vol 4 issue-7 July 2015. Ohio. USA- www. IJ Sr. net.
4. Sonal Saxena & Neelma (2015) Role of Home Scientists in enhancing the knowledge of the consumer’s right about the market strategy. The Jr. of Rural and Agri Research Vol. 15 No.2, Agra 58-59.
5. Ani Bajpai, Neelma Kunwar and Anjana (2015). Effect of dietary habits and quality of food taken by old age persons and its effect on their sexuality. *Indian Research of J. Genet, & Biotech* 7(4) Jan-June : 483-485.
6. Shikha Sharma and Neelma Kunwar (2015). “ Mahilaon ke kray- Vyavhar par Vigyapan Ke Prabhav- Ek Addhyyan Research Link- 134 Vol. XIV (3): pp- 117-118
7. Apurva Tripathi and Neelma Kunwar (2015). Kishor evam Kishoriyo ke Swasthya pr Fast food ka Prabav Research Link – 134 Vol. XIV(3) : May pp. 113-114.
8. Arty Awasthi and Neelma Kunwar (2015). Grameen Parivesh mein Karyarat mahilaon ka Parivar Mein Sthan- Ek Addhyyan. Research Link – 134 Vol. XIV(3) : May pp. 111-112.
9. Archana Verma and Neelma Kunwar (2015) Grameen evam Shahri Kshetra Ki Kishoriyon mein Anemia Star ka Mapan. Research bulletin 139 vol. XIV (8) page 130-131.
10. Pooja Mishra evam Neelma Kunwar (2015) Nimn evam madhyam aay varg ki mahilaon mein karya karne ki aadato pr padne wale prabhav. Research bulletin 140 vol. XIV (9) page 130-131.
11. Pooja Mishra evam Neelma Kunwar (2015) /Dhan Vyasthapan mein Khadya samgri kray karne mein mahilaon k nirnayo ko prabhavit karne wale karako ki bhumika. Research bulletin 139 vol. XIV (8) page 128-129.
12. Yogita Mishra evam Neelma Kunwar (2015) Adivasi bachcho ke Kuposhan par Parivarik evam Arthik Prishthabhami prabhav ka Addhyyan. Research Jr. Shodh Samagra issue-4 Vol. (4) December PP 32-33.
13. Yogita Mishra evam Neelma Kunwar (2015) Adivasi kshetro k bachcho mein badhta Kuposhan Research Jr. Shodh Samagra issue-4 Vol. 1 (4) December PP 13-15.

#### **Dr. Mithilesh Verma, Extension Education and Communication Management**

1. Mithilesh Verma and Sangeeta Gupta (2015). Psychological Effects on Infertile women.

- International Journal of Family and Home Science, Vol.11(2) May-Aug. 2015 (193-195).
2. Kavita, Sangeeta Gupta & Mithilesh Verma (2015). Attitudes of Rural Women towards Literacy. Research Link- An International Journal-136, Vol. XIVC(5) July 2015, 134-136.
  3. Sangeeta Gupta & Mithilesh Verma (2015). Involvement in Agricultural Activities of Rural Women (2015). Research Link- An International Journal-136, Vol. XIVC(5) July 2015, 140-141.
  4. Virendra Kumar, Sangeeta Gupta & Mithilesh Verma (2015). Factors Involved in Selection of Advanced Communication Media for Rural Development. Research Link- An International Journal-136, Vol. XIVC(5) July 2015, 137-139.
  5. Shivya Trivedi, Mithilesh Verma and Sangeeta Gupta (2015). Causes of Mobile Phone used for getting agriculture. Glacier Journal of Scientific Research, 1-6
  6. Shalini Gupta, Mithilesh Verma and Anamika Singh (2015). Effect of media on Youth Crime, International Journal of Home Science Extension and Communication Management, Vol.2, Issue-1, pp. 71 to 73.
  7. Swati Singh and Mithilesh Verma (2015). Awareness of Respondents in terms of Turmeric, Neem and its products, Indian Journal of Agriculture Business Vol.1 and Issue 2, July to December.
  8. Swati Singh and Mithilesh Verma (2015). Opinion of youth that the News reflects Actual Crime Trends. Indian Journal of Agriculture Business Vol.1 and Issue 2, July to December.
  9. Mithilesh Verma, Videsh Kumar Verma and Swati Singh (2015) Awareness perception and Attitude about organic product International Journal of Trends in marketing management Volume 4 Issue –I PP. 1 to 6.

**Dr. Mukta Garg, Associate Professor, Human Development & Family Studies**

1. Garg, M; Yadav ,P; (2015) Adolescents Identity Formation and Internet Usage. Asian Journal of Home Science Vol 10(1) 2015, 129-132 (NAAS Rating -2.98)
2. Garg, M and Pratima, P; (2015) Adolescents Personality Traits and attitude towards mate Selection Contemporary Social Sciences Vol (24)3, Jul –Sep; 2015. 127 (NAAS Rating-3.03)

**Dr. Vinita Singh, Associate Professor, Food Science & Nutrition**

1. Vinita Singh, Reema Verma and Kaushal Kumar (2015). Nutritional evaluation and product development by using green papaya, flax seed And maize flour to promote the traditional food. Food Science Research Journal, Vol. 6, issue 1, April 2015, 8-13.
2. Vinita Singh and Anjali Verma, Development and sensory evaluation of value added products (2015).. Food Science Research Journal, Vol. 6, issue 1, April 2015, 35-39
3. Vinita Singh and Neha Rastogi (2015). Nutritional consumption evaluation of elderly people following Ashram and Urban Life style. Indian Research Journal of Genetics and Biotechnology, 7 (2) : 219-221

4. Vinita Singh and Garima Chaudhary (2015). Quality evaluation of dried vegetables of dried vegetables for preparation of Soups. Indian Research Journal of Genetics and Biotechnology,7 (2) : 241-242
5. Arju Yadav and Vinita Singh (2015). Organoleptic quality of apple burfi. Indian Research Journal of Genetics and Biotechnology,7 (4) :451- 453
6. Reema Verma, Vinita Singh, Ambreen Fatima and Richa Mishra (2015). Sensory evaluation of developed products by using green papaya, flax seed and Maize flour to promote traditional food. Res.Environ.Life Sci. 8(4) 655-656.

**Dr. Seema Sonkar, Associate Professor, Food Science & Nutrition**

1. Seema Sonkar, Anuradha Panday Seema sonkar, Preeti tiwari and Nand Kumar, (2015). development and nutritional analysis of products fortified with Moringa oleifera. Hortflora research spectrum , volume-15, no-2, October 2015. Pp-86-88.
2. Seema sonkar and Alka Singh (2015). improvement in nutritional properties of products through fortification with aloe vera, mushroom and pearl millets. , October 2015
3. Seema Sonkar and tanushree shah and Alka Singh (2015). development and standardization of soup mix based on black rice and okra powder value added with barley. Plant archives, volume 15 number -2 pp-909-911, October 2015.

**2016-17**

**Dr. Neelma Kunwar, Professor, Extension Education and Communication Management**

1. Archana Verma evam Neelma Kunwar (2016) Kishoriyo mein Poshan evam Swasthya Sambandhi Samasyayein ek Adhdhyyan Reseach bulletin 142 vol. XIV (II) page 147-148
2. Baranwal Amrita & Neelma (2016) Control and prevention of female infertility through natural herbs, medicines and yoga. A Review” IJGMP ISSN (P) 2319-3999 ISSN (E)-2319-4006 Vol. 5 Issue -4 Jue-July PP 1-6.
3. Devi Sarita & Neelma (2016) Inhabiting factors responsible for land and property ownership of Farm Women Institution Jr. of Advaced Research May (29) Issue Vol-4 PP-197-200.
4. Bharti Awasthi evam Neelma Kunwar (2016) Grameen Parivesh mein karyrat mahilaon ki Mansik Kuntha Sambandhit Vishhleshan. Research Link-144- Vol XV(1) Page 168-169.
5. Neetu Saxena evam Neelma Kunwar (2016) Vivah ke Sambandh mein Yuvationke jeevan mulyo mein ho rahe parivartan , esearch Link-147-Vol XV(4) June pp. 130-131.
6. Gunjan Singh evam Neelma Kunwar (2016) Bharat mein Samudayik Swasthya sevaon ki awadhrna evam Swarthya neeti. Research Link issue -148-Vol XV(5) July pp. 119-120.
7. Neetu Saxena evam Neelma Kunwar (2016) KamKaji Yuvtiyo mein Vivah ke Prati Badalta Drishtikon Research Link issue -148-Vol XV(5) July pp. 115-116.
8. Nalini Sahu evam Neelma Kunwar (2016) Bachcho evam mahilaon se sambandhi vibhina rog nirodhak Teeko ka Addhyyan. Research Link issue -148-Vol XV(5) July pp. 117-118.
9. Neha Rastogi & Neelma (2016) Consumption pattern and Awareness of Nutritive Value of Sattu among Rural Women of Hazaribagh” Indian Res. J. Genet \* Biotech 8 (2) 169-171.
10. Neha Rastogi & Neelma (2016) Socio- economic status of Rural Women of Hazaribagh

- District. Indian Res. J. Genet & Biotech 8 (1): 81-83.
11. Smita Tripathi & Neelma (2016) "The plight of Indian Women Agricultural Workers: Gender Discrimination, Working Condition and Health Status" India Res. J. Genet & Biotech 8 (1): 77-80.
  12. Satyendra & Neelma Kunwar (2016). "Level of customers satisfaction in terms of services by ICICI Bank" India Res. J. Gent. & Bio-tech 8 (3): 246-249.
  13. Jaya Singh & Neelma (2016) Benefits and nutritive value of sesame seed, IJRSR International Jr. of recent scientific research vol.-7, issue 8 pp.
  14. Harshita Chauhan & Neelma Kunwar (2016) "Impact of Psychological factors on women suffering from domestic violence" IJRSR Vol. 7 issue -11 pp 14058-1406 Nov
  15. Asha Yadav & Neelma Kunwar (2016) Environment effects of pesticides in different compartments of Agriculture, IJRSR Vol. 7 issue 11 pp- 14253-14255 November.
  16. Rekha Srivastava & Neelma Kunwar (2016) Impact of habitual nutrient intake and energy expenditure of cricket players. Jr. of Rural and Agri. Res. Vol. 16 No.2 pp 33-34.
  17. Neha & Neelma Kunwar (2016) Comparing the diets of urban old people with those who lived in rural areas. Jr. of Rural & Agri. Res. Vol. 16 No. 2 pp 57-59.
  18. Asha Yadav & Neelma Kunwar (2016) Health effects of pesticides on human life. IJRSR Vol. 7 issue -12 PP xxxx December.

#### **Dr. Mithilesh Verma, Extension Education and Communication Management**

1. Mithilesh Verma Swati Singh and Videsh Kumar Verma (2016) Problems of women formers in Agriculture Journal of Agric Ecology and Natural resource management Volume 3 Issue 1 PP. 10-13.
2. Sonam Kumar, Mithilesh Verma and Sageeta Gupta (2016) Reason of Shifting people in old age home. International Journal of Applied and Pure Science and Agriculture (IJAPSA) Volume 2 Issue 05 (May 2016) PP. 177-180.
3. Puspendra Kumar, Mithilesh Verma and Sageeta Gupta (2016) Marketing Problems faced by Farmer and Medicinal and Aromatic Plants Cultivation. International Journal of Applied and Pure Science and Agriculture (IJAPSA) Volume 2 Issue 05 (May 2016) PP. 125-127.
4. Rahul, Sageeta Gupta and Mithilesh Verma (2016) Effect of Televisions on farmer for their agriculture production technology. International Journal of Applied and Pure Science and Agriculture (IJAPSA) Volume 2 Issue 06 (June 2016) PP. 39-43.
5. Rani Baby, Sageeta Gupta and Mithilesh Verma (2016) Role of Rural Women regarding decision making in family. Effect of Televisions on farmer for their agriculture production technology. International Journal of Applied and Pure Science and Agriculture (IJAPSA) Volume 2 Issue 06 (June 2016) PP.
6. Pooja Verma, Sangeet Gupta and Mithilesh Verma (2016) Constraints faced by Farm Women in proper Utilization of time in Agriculture Activity. International Journal of Applied and Pure Science and Agriculture. Volume 2, Issue 6, (June 2016) PP. 143-147.
7. Mithilesh Verma, Videsh Kumar Verma and Swati Singh (2016) Use of Mobile Phone in Indian Agriculture. Indian Journal of Agriculture Business (IJAB) Volume 2 Issue 1 (Jan. to June) PP. 21 to 24.
8. Mithilesh Verma, Videsh Kumar Verma and Swati Singh (2016) Problem face of

Women farmers in Agriculture. Indian Journal of Agriculture Business (IJAB) Volume 2 Issue 1 (Jan. to June) PP. 25 to 29.

**Dr. Mukta Garg, Associate Professor, Human Development & Family Studies**

1. Garg, M.; Arya, G.; and Gupta, A. (2016); Causes of female Feticide: Views of professionals and Civil Society, Indian Journal of Social research, vol (57), May – June 2016. 365-374. (NAAS Rating-2.52 )
2. Garg, M.; Yadav, D.; “Level of emotional maturity among the preschoolers’ mothers and effect of background characteristics, Contemporary Social Sciences, Vol.25 (3) 79;( NASS rating 3.03)
3. Prasad, P.Garg, M (2016) Adolescents attitude towards Mate Selection Advance research Journal of Social Science Vol-7(1) (NAAS rating 2.72
4. Garg, M.; Malika, S. (2016) Level of awareness among Aganwadi workers regarding nutrition and healthcare Asian Journal of Home Science Vol 11(1) 281-284 ( NAAS rating -2.98)
5. Garg M, Anupriya. (2016) Participation of rural Women in Decision Making Activities and its relation to their caste and religion. Journal of community Science and Technology, (Home Science).

**Dr. Vinita Singh, Associate Professor, Food Science & Nutrition**

1. Anjali Verma and Vinita Singh (2016). Organoleptic evaluation of mushroom powder fortification in Rava Idli and Mathari. Food Science Research Journal, Vol. 7, issue 1, April 2016, 40-44
2. Sinha D K, Pranjal P, Vinita Singh, Sarwan Kumar (2016). Bhagoliwal A Protein and energy intake in dialysis dependent and non –dialysis dependent CKD Patients compared to normal healthy individuals. Journal of Renal Nutrition and Metabolism , Vol 2, No. 1, Jan- March 2016, pg 3-7
3. Vinita Singh, Raktika yadav, and Priya Vashishtha (2016). Sensory evaluation of bajra products. Journal of Rural and Agricultural Research, Vol 16 No. 1, 58 -59, 2016
4. Vinita Singh and Richa Mishra (2016). Nutritive value of value added products prepared from jamun seeds powder and Fenugreek seeds. International Journal of Wellness, Vol 2(1) , page 93 -99, 2016
5. Priya Vashishtha, P.K. Rathi, Vinita Singh and Sudha Soni (2016). Awareness on safe grain practices among rural women. Journal of Rural and Agricultural Research, Vol 16 No. 2, 73-74, 2016

**Dr. Seema Sonkar, Associate Professor, Food Science & Nutrition**

1. Nandini Singh, Preeti Tiwari and Seema Sonkar, (2016). To assess the nutritional status and develop the product along with self-cares educational booklet for the pregnant women. Progressive research, volume 11 (special issue) year-2016.

**2017-18**

**Dr. Neelma Kunwar, Professor, Extension Education and Communication Management**

1. Neha & Nelma (2017) Impact of good nutrition for old age people and nutritional deficiency disease Glacier Jr. of scientific research vol. 0 issue-0 March (Ahmedabad).
2. Archana Singh & Neelma (2017) “Causes of child abuse in current Indian Society: Vol. 0 issue-0 March (Ahmedabad).

3. Archana Singh & Neelma (2017) "Factors responsible for social abuse on late childhood girls" : Vol. 0 issue-o March (Ahmadabad).
4. Archana Chaudhary & Neelma (2017) "Level of customer satisfaction in terms of services offered by selected banks" IJRSR Vol 8, issue 5 pp 17079-17081 May.
5. Poonam Pandey and Neelma Kunwar (2017) Bachcho par fast Food/Junk food aahar ka Sharirik Vikas pr Prabav. Research Link – An International Journal – 161 Vol. XVI pp. 128-129.
6. Poonam Pandey and Neelma Kunwar (2017). Poorva Kishoraawastha ke kisoro ke bhojan graan karne ka unke sharirik Vikas se samandh Research Link – An International Journal – 160 Vol. XVI(5) pp. 129.
7. Harshita Chauhan and Neelma Kunwar (2017). Causes of female insecurity and safety in Uttar Pradesh state. *Indian Res. Journal Genet and Biotech.* **9**(3) August 443-448.
8. Swati Deepak and Neelma Knwar (2017). Innovative clothing design for women during pregnancy. *International Journal of Home Science*, **3**(3) : 138-139.
9. Swati Deepak and Neelma Kunwar (2017). Comfortable dresses for pregnant women. *International Journal of Home Science***3**(3) : 140-141.
10. Anshika Paliwal and Neelma Kunwar (2017). Increasing heart attacks in young Indians. *IJHS*, **3**(3) : 150-152.
11. Anshika Paliwal and Neelma Kunwar (2017). Impact of heart diseases on human life. *IJHS*, **3**(3) : 148-149.
12. Rekha Shrivastava and Neelma Kunwar (2017). Good nutritional diet for cricket players. *IJHS* **3**(3) : 145-147.
13. Rekha Shrivastava and Neelma Kunwar (2017). Effect of nutritional deficiency in cricket players. *IJHS*, **3**(3) : 142-144.
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18. Suchita Mishra and Neelma Kunwar (2017). "Effect of dairy enterprise on women's and Indian economy and demand of mode of utilization of milk and milk product at household level." *International Journal of H.Sc.* **3**(3) : 234-237.
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**Dr. Mithilesh Verma, Extension Education and Communication Management**

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2. Priyanka Priyadarshni, Mithilesh Verma and Sageeta Gupta (2017) Role in Android Phone in Smart Agriculture. Research link an International Journal 159 Volume XVI (4) (June 2017) PP. 124-125.
3. Shikha Verma, Mithilesh Verma and Sageeta Gupta (2017) Consumer Perception of Online Shopping. Research link an International Journal 159 Volume XVI (4) (June 2017) PP. 126-128.
4. Swati Singh, Mithilesh Verma and Sageeta Gupta (2017) Decision making pattern of women with respect to agriculture activity. Research link an International Journal 159 Volume XVI (4) (June 2017) PP. 129-131.
5. Rashmee Yadav and Mithilesh Verma (2017) Exploring the link between violence against women and women involvement in illegal activities. Advance Research Journal of Social Science, Volume 8, Issue 2 (Dec., 2017) PP. 270-272.
6. Mithilesh Verma, Swati Singh and Videsh Kumar (2017) Role of Android Phone in Smart Agriculture. International Journal of Creative Research Thoughts, Volume 5, Issue 4 (Oct., 2017) PP. 161-166.

**Dr. Mukta Garg, Associate Professor, Human Development & Family Studies**

1. Yadav, S. Garg, M (2017) Active and reflective learning styles among adolescents and their siblings and its relation to their academic achievements Contemporary Social Sciences, Vol.26 ( 3) 89; (NASS rating 2.88)
2. Garg, M. Domestic violence and honor based Violence against Women : Reasons and Remedies (2017) *National Seminar on Social Security of Women In India* held at Khwaja Moinuddin Chisti Urdu, Arabi-Farsi University Lucknow April 19, 2016: pp 47-59 ISBN No.978-93-82407-07-2. (Review Paper)

**Dr. Vinita Singh, Associate Professor, Food Science & Nutrition**

1. Anjali Verma and Vinita Singh (2017). Formulation and quality evaluation of mushroom (Oyster mushroom) powder Fortified potato pudding. Asian J. Dairy & Food Res, 36 (1) 2017 : 72-75,
2. Amrita Masih and Vinita Singh (2017). Assessment of nutrients intake of Christian pastor and Christian community. Food Science Research Journal, Vol.8 issue 1, April, 2017, 119-122.
3. Vinita Singh and Anoop Kumar (2017). Assessment of nutrients intake and morbidity pattern of Government and Private doctors. Food Science Research Journal, Vol.8 issue 2, October, 2017, 119-122, 395-397
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**Dr. Seema Sonkar, Associate Professor, Food Science & Nutrition**

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## 2018-19

### **Dr. Neelma Kunwar, Professor, Extension Education and Communication Management**

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2. Anamika Singh and Neelma Kunwar (2018). "Women in agriculture play a huge role in preparation of soil for healthy life". *International Journal of H.Sc., New Delhi*, **4**(1) : 33-36.
3. Jyoti Gupta and Neelma Kunwar (2018). "Participation level of women in environment security and hurdles in adopting related modern technologies." *International Jr. of Humanities and Social Science Research*, **4** (11). 66-72.
4. 240. Jyoti Gupta and Neelma Kunwar (2018). "Role of home scientists in solving the remaining constraints and hurdles in environment security practices." *International Jr. of Home Science*, **4**(1) : 85-91.
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**Dr. Mithilesh Verma, Extension Education and Communication Management**

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**Dr. Mukta Garg, Associate Professor, Human Development & Family Studies**

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**Dr. Vinita Singh, Associate Professor, Food Science & Nutrition**

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**Dr. Seema Sonkar, Associate Professor, Food Science & Nutrition**

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**2019-20**

**Dr. Neelma Kunwar, Professor, Extension Education and Communication Management**

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**Dr. Mithilesh Verma, Associate Professor, Extension Education and Communication Management**

1. Ila Tiwari, Mithilesh Verma and Sangeeta Gupta (2019). "Impact of technology adoption on production and productivity of banana. *Journal production of pharmlagnosy and phytochemistry Vol. 8 (3) : 2032-2034.*
2. Seema Devi, Mithilesh Verma and Sangeeta Gupta (2019). "Awareness, perception and attitude of farmer's regarding organic farming." *Journal of pharmlagnosy and phytochemistry Vol. 8 (3) : 2000-2002.*
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4. Mukta Surya, Sangeeta Gupta and Mithilesh Verma (2019). "Constraints faced by women in accessibility of facility of Janani Guraksh Yojna." *Journal of pharmlagnosy and phytochemistry Vol. 8 (3) : 2003-2006.*
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6. Sangeeta Gupta and Garima (2019). "Constraints of Rural Women Empowerment in income generating activities". *International Journal of Home Science Vol. 5 (1) : 219-222.*
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**Dr. Vinita Singh, Associate Professor, Food Science & Nutrition**

1. Priya Vashishtha and Vinita Singh (2019). Clinical assessment of the pre-school children under ICDS and non-ICDS programme. The Journal of Rural and agricultural Research Vol. 19 No. 1,57-59
2. Pooja singh and Vinita Singh (2019). Dietary habits and macronutrients intake of muslim people (sunni) of 25 to 45 years Food Science Research Journal, Vol.10 issue 2, October, 2019, 193-96
3. Vinita Singh and Pooja Singh (2019). Micronutrients intake, morbidity pattern and life style of muslims (Sunni)25 to 35 years. Food Science Research Journal, Vol.10 issue 2, October, 2019, 217-220

**Dr. Seema Sonkar, Associate Professor, Food Science & Nutrition**

1. Pragya Mishra, Suman Devi, Seema Sonkar, Shatrughan Singh and H.G Prakash.(2020). Formulation of high protein cookies fortified with green gram. (2020). International Journal of Creative Research Thoughts, ISSN: 2320-2882.Vol. -8, Issue-8. (2020).
2. Suman Devi, Pragya Mishra, Seema Sonkar, Shatrughan Singh (2020). Nutritional Properties of protein rich cowpea flour and its health benefits. ISSN No: 2582-3892 Vol:3, issue:2.
3. Sonkar.S, Yadav.S, Bhel.R and Bishnoi. (2020). To assess the nutritional quality of triticale based product medicated and non-medicated health powder, journal of food research of Canada, volume-7no-4, O.P. page -120-124.

**Details of Participation of Scientists in Seminar/ Symposia/Annual Meet/Annual Workshops Conferences/ Training**

**2015-16**

S. N.	Name of teacher	Date	Name of Conferences	Venue
1.	Dr. Neelma Kunwar	2-6 May, 2016	Twenty seventh Appreciation course in Parliamentary process and procedures	Parliament, New Delhi
2.	Dr. Mukta Garg	March 2 <sup>nd</sup> - 4th 2016	4 <sup>th</sup> Uttar Pradesh Agricultural Science Congress. Strategic Governance And Technological Advancement for Sustainable Agriculture	CSAU Agri & tech Kanpur
3.	Dr. Mukta Garg	April 19,2016:	National Seminar on Social Security of Women In India held at	Khwaja Moinuddin Chisti Urdu,Arabi-Farsi University Lucknow
4.	Dr. Vinita Singh	20-21 February, 2016	National Conference on Recent Advances in Diversified Agricultural ,System	Ch. Chotu Ram(PG) college, muzaffarnagar
5.	Dr. Vinita Singh	27-29 February, 2016	International Conference on New Challenges in Biotechnology and	ST.John'S College ,Agra (U.P )INDIA

			Molecular Biology in the context of 21 <sup>st</sup> Century (NCBMBCC)	
6.	Dr. Vinita Singh	2-4March,2016	National Conference and 4th Uttar Pradesh Agricultural Science Congress	C.S.Azad University of Agriculture and technology, Kanpur
7.	Dr. Vinita Singh	11-12 June,2016	National Conference on 'Agriculture and rural development for sustainable Agriculture and all round welfare of rural community'	Gram Vikas Avam Siksha Prasar Samiti Agra.
8.	Dr. Vinita Singh	13, December 2016	National Seminar on Need of timely justice for strong democracy and nyay yatra 2016	H.B.T.I., Kanpur
9.	Dr. Sangeeta Gupta	14 <sup>th</sup> to 16 <sup>th</sup> June, 2016	3 <sup>rd</sup> "Uttar Pradesh Agricultural Science Congress"	Allahabad
10.	Dr. Sangeeta Gupta	27-28 March, 2016	National Workshop on "IPR and Related Issues : present and future needs"	UPCAR, Lucknow
11.	Dr. Sangeeta Gupta	20-21 February, 2016	4th National Symposium on "Transforming Indian Agriculture Towards Food and Nutritional Security"	Budelkhand University, Jhansi
12.	Dr. Sangeeta Gupta	9-10 March, 2016	National Conference on "Lifestyles and Chronic Diseases : A threat to sustainable public health"	Lucknow
13.	Dr. Sangeeta Gupta	9 and 10 January, 2016	Seminar on "Indigenous Technologies for Sustainable Agriculture and Better Tomorrow"	Lucknow
14.	Dr. Sangeeta Gupta	5-6 March 2016	National Seminar on "Recent Development and prospects in the Area of Food Biotechnology"	H.B.T.I., Kanpur
15.	Dr. Sangeeta Gupta	2-4 March, 2016	"4 <sup>th</sup> Uttar Pradesh Agricultural Science Congress"	C.S. A. U. of Agri.& Tech., Kanpur
16.	Dr. Sangeeta Gupta	27-29 February, 2016	2 <sup>nd</sup> International Conference on "New Challenges in	Agra

			Biotechnology and Molecular Biology in the context of 21st Century"	
17.	Dr. Rashmi Singh	March 2 -4,2016	4th Uttar Pradesh Agricultural Science Congress	CSAUA&T in Kanpur
18.	Dr. Archana Singh	March 2 -4,2016	4th Uttar Pradesh Agricultural Science Congress	CSAUA&T in Kanpur
19.	Dr. Archana Singh	10 <sup>th</sup> – 11 <sup>th</sup> Dec., 2016	National Seminar on "The Creative Revolutionary Role of Women in Independent India"	Km. Mayawati Govt. Girls PG College Badalpur (G.B. Nagar).
20.	Dr. Mithilesh Verma	Jan. 9-10 2016	International Seminar on Indigenous Technology for agriculture & better tomorrow	CSIR, NVRI, Lucknow
21.	Dr. Mithilesh Verma	9, 10 Jan, 2016	International seminar on Indigenous Technologies for sustainable Agriculture and Better Tomorrow	CSIR-NBRI, Lucknow
22.	Dr. Mithilesh Verma	5, 6 March 2016	National Seminar on Recent developments and prospects in the area of food bio technology	H.B.T.I. Kanpur
23.	Dr. Mithilesh Verma	20-21 Feb. 2016	National symposium on Transformer Indian Agriculture towards food and nutritional security	IGFRIG Jhansi
24.	Dr. Mithilesh Verma	17 Jan 2016	International conference on Recent Advances in Agriculture Aquaculture food technology Environmental Dynamics and Climate Change	Jawahar Lal Nehru Univ. New Delhi.
25.	Dr. Mithilesh Verma	2,4 March 2016	4th U.P. Agricultural Science Congress,	C.S.A. University Kanpur
26.	Dr. Mithilesh Verma	14, 15 June 2016	International conference on Mass Communication as an effective tools for agriculture development	UPCAR, Lucknow
27.	Dr. Seema Sonkar	22-23 Jan. 2015	Training programme on intellectual property management and agriculture,	UPCAR, LKO



28	Dr. Seema Sonkar	23-24 Feb. 2015	Presented the paper at national conference on women's empowerment: A challenge of 21 <sup>st</sup> century,	P.R. Govt. Girls College, Etawah
29	Dr. Seema Sonkar	26-28 Feb. 2015	Presented paper on third international conference on impacting food value chain and leveraging innovation	NIFTEM, Haryana- India

### 2016-17

S NO.	Name of teacher	Deptt. Date	Name of Conferences	Venue
1.	Dr. Neelma Kunwar	26-30 Nov. 2017	"Role of women in environment security in India"	Malaysia
2.	Dr. Mukta Garg	August 10-11 2017	National Seminar Sponsored by; University Grant Commission , New Delhi on Issues and Challenges Related Family Dynamics in Modern Society	Juhari Devi Girls P.G.College Kanpur
3.	Dr. Mukta Garg	December 12-13, 2017	National Conference on Organic Farming for Sustainable Agriculture and livelihood Security under Changing Climatic Condition	Held Directorate of research C.S.A. Univ. of Agri & Tech Kanpur.
4.	Dr. Mukta Garg	22-23 Feb 2017	National Seminar on Youth Empowerment Issues, Challenges & Concerns	Khwaja Moinuddin Chisti Urdu,Arabi-Farsi UniversityLucknw
5.	Dr. Vinita Singh	24-25. March,2017	National Conference onFarmers centric Agri-innovation for Sustainable Development	C.S.Azad University of Agriculture and technology, Kanpur
6.	Dr. Vinita Singh	12-13 December2017	National Conference on Organic farming for Sustainable Agriculture and livelihood Security underChanging Climatic Conditions	C.S. Azad University of Agriculture and technology, Kanpur
7.	Dr. Vinita Singh	10-11 August 2017	National Seminar on Issues and challenges related to family dynamics in modern	Juhari devi girls post graduate College ,Kanpur

			society	
8.	Dr. Vinita Singh	5-7 October 2017	International conference on Fight Against Cancer	C.S.J.M. University, Kanpur
9.	Dr. Vinita Singh	22-23 February 2017	National Seminar on Youth Empowerment: Issues, challenges & concerns	Khawaja Moinuddin Chisti Urdu, Arbi-Farsi University, Lucknow
10.	Dr. Sangeeta Gupta	2-3 Feb., 2017	National Conference on "New Age Marketing in Institute of Business Management"	C.S.J.M. University, Kanpur
11.	Dr. Sangeeta Gupta	24-25 March 2017	National Conference on "Farmers' Centric Agri-innovation for sustainable development"	C.S. A.U. of Agri. & Tech., Kanpur
12.	Dr. Sangeeta Gupta	30 March, 2017	Brain storming programme on "Health care of women farming community"	U.P. Council of Agricultural Research, Gomti Nagar, Lucknow
13.	Dr. Sangeeta Gupta	22-23 Feb., 2017	National Seminar on Youth Empowerment Issues, Challenges and Concerns	Lucknow
14.	Dr. Sangeeta Gupta	10-11 Aug., 2017	National Seminar on "Issues and challenges Related to Family Dynamics in modern society".	Juhari Devi Girls P.G. College, Kanpur
15	Dr. Sangeeta Gupta	12-13 Dec., 2017	National Conference on "Organic Farming for sustainable agriculture and livelihood security under changing climatic conditions".	C.S. A. U. of Agri. & Tech., Kanpur
16	Dr. Rashmi Singh	24 <sup>th</sup> -25 <sup>th</sup> March, 2017	National Conference on "Farmer's Centric Agri-Innovations for Sustainable development"	CSAUA&T in Kanpur
17.	Dr. Rashmi Singh	10 <sup>th</sup> -11 <sup>th</sup> August, 2017	National Seminar on "Issues and Challenges related to Family Dynamics in Modern Society"	Juhari Devi Girl's P.G. College, Kanpur
18.	Dr. Rashmi Singh	12 <sup>th</sup> -13 <sup>th</sup> Dec., 2017	National Conference on "Organic Farming for Sustainable Agriculture	CSAUA&T in Kanpur

			and Livelihood Security Under Changing Climatic Condition”	
19.	Dr. Archana Singh	24 <sup>th</sup> -25 <sup>th</sup> March, 2017	National Conference on “Farmer’s Centric Agri-Innovations for Sustainable development”	CSAUA&T in Kanpur
20.	Dr. Archana Singh	10 <sup>th</sup> -11 <sup>th</sup> August, 2017	National Seminar on “Issues and Challenges related to Family Dynamics in Modern Society”	Juhari Devi Girl’s P.G. College, Kanpur
21.	Dr. Archana Singh	14 <sup>th</sup> -15 <sup>th</sup> Oct., 2017	International Conference on “Advanced Materials, Textiles and Process”	Uttar Pradesh Textile Technology Institute, Kanpur
22.	Dr. Archana Singh	12 <sup>th</sup> -13 <sup>th</sup> Dec., 2017.	National Conference on “Organic Farming for Sustainable Agriculture and Livelihood Security Under Changing Climatic Condition”	CSAUA&T in Kanpur
23.	Dr. Mithilesh Verma	03-10 Feb. 2017	Innovative Extension Methodologies for Dissemination of Pulses Production Technologies	ICAR- Indian Institute of Pulses Research, Kalyanpur, Kanpur
24.	Dr. Mithilesh Verma	10, 11 Aug. 2017	Issues and Challenges Related to Family Dynamics in Modern Society	Department of Home Science Juhari Devi Girls' P.G. College, Kanpur
25.	Dr. Mithilesh Verma	05, 06 & 07 Oct. 2017	International Conference on Fight Against Cancer	C.S.J.M. University, Kanpur
26.	Dr. Mithilesh Verma	12-13 Dec., 2017	National Conference on Organic farming for sustainable agriculture and livelihood security under changing climate conditions	C.S.A. University Kanpur 2017
27.	Dr. Seema Sonkar	2-5 July, 2017	International conference on Triticale biology, breeding and production (Development & evaluation of nutritional composition of the food products from first man made cereal )	IHAR-PIB Radzikow, Poland

28.	Dr. Seema Sonkar	7-9 JULY, 2017	9 <sup>th</sup> International seminar on Sustainable intensification of agriculture through resource management & conservation	Gottingen , Germany
29	Dr. Seema Sonkar	20-21 Feb. 2016	National Conference on “ Recent Advances In Diversified Agricultural System	Research And Education Development Society, Chhotu Ram P.G college, Muzaffarnagar
30.	Dr. Seema Sonkar	3-5 Nov. 2017	National workshop on world food India on transforming food economy.	Ministry of food processing industries govt. of India

### 2017-2018

SN0.	Name of teacher	Deptt. Date	Name of Conferences	Venue
1.	Dr. Mukta Garg	14 <sup>th</sup> Feb -17 <sup>th</sup> Feb 2018.	International Conference Agri Con2018 sustainable of smallholders agriculture in Developing countries under changing climate scenario	organized under joint auspices of society of Agricultural professionals CSAU Kanpur and BUAT Banda,
2.	Dr. Sangeeta Gupta	6-7 Feb., 2018	National Seminar on "Changing Scenario of Education in Progressive India".	Saraswati Mahila Mahavidyalaya, Vijay Nagar, Kanpur
3.	Dr. Sangeeta Gupta	10-11 Feb., 2018	National Seminar on "Transforming Agriculture to Doubling of farmers income".	Samagra Vikas Welfare Society & Baba Sahed Bhiorao Ambedkar University, Lucknow
4.	Dr. Sangeeta Gupta	14-17 Feb., 2018	International Conference on "Sustainability of Small holder agriculture in Developing Countries under Changing Climate Scenario".	C.S. A. U. of Agri.& Tech., Kanpur
5.	Dr. Sangeeta Gupta	6-7 Feb., 2018	National Seminar on "Changing Scenario of Education in Progressive India".	Saraswati Mahila Mahavidyalaya, Vijay Nagar, Kanpur
6.	Dr. Rashmi Singh	14 <sup>th</sup> -17 <sup>th</sup> Feb..., 2018.	International Conference on “Sustainability of	CSAUA&T in Kanpur

			Smallholder Agriculture in Developing Countries under Changing Clmatic Scenario	
7.	Dr. Archana Singh	14 <sup>th</sup> -17 <sup>th</sup> Feb., 2018.	International Conference on “Sustainability of Smallholder Agriculture in Developing Countries under Changing Clmatic Scenario	CSAUA&T in Kanpur
8.	Dr. Archana Singh	20 <sup>th</sup> to 26 <sup>th</sup> Oct.2018	Workshop on Next Generation of Computational Approaches in science & Technology	Dayanand Girl’s(P.G.) College, Kanpur
9.	Dr. Archana Singh	19-20 Nov., 2018.	International Conference on “Advanced Materials, Textiles and Process”	Uttar Pradesh Textile Technology Institute, Kanpur
10.	Dr. Mithilesh Verma	28-29 April, 2018	International Conference on Agriculture, Allied and Applied Sciences	Biologix Research and Innovation Centre Pvt. Ltd. (BRICPL), New Delhi
11.	Dr. Mithilesh Verma	26-28 Nov., 2018	3rd International Conference on Food and Agriculture	University Putra. Malaysia 2018
12.	Dr. Seema Sonkar	12-13 November, 2018	3 <sup>rd</sup> International conference on agricultural engineering & food security	Berlin, Germany

### 2018-19

SN0.	Name of teacher	Deptt. Date	Name of Conferences	Venue
1.	Dr. Mukta Garg	March 6 <sup>th</sup> -8 <sup>th</sup> , 2019	Uttan Agripen-2019 Natiional Conclave on Empowering Rulral Women through Agripreneurship and Innovative Farm Technologies	C.S.A.Uni. of Agri & Tech Kanpur
2.	Dr. Mukta Garg	Nov 8-10 2019	Wellness Con-2019, International Conference on Wellness	C.S.J.M.Uni Kanpur
3.	Dr. Neelma Kunwar	27-29 May,2019	“Role of women in Food security in India	Kathmandu Nepal
4.	Dr. Neelma Kunwar	28-29 Nov, 2019	“NAHEP Componenet-2A Activites and Implementation of	C.S.Azad University of Agriculture and

			Academic Management System”	Technology, Kanpur
5.	Dr. Vinita Singh	25-26, November, 2019	National Conference on Plant health Management for Eco friendly and Sustainable Agriculture-IPSMEZCON 2019	C.S. Azad University of Agriculture and technology, Kanpur
6.	Dr. Vinita Singh	6 to 8 March,2019	in National Conference on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies	C.S. Azad University of Agriculture and technology, Kanpur
7.	Dr. Sangeeta Gupta	16-17 Feb., 2019	National Conference on "Frontiers in Environment Health & Biosciences".	C.S.J.M. University, Kanpur
8.	Dr. Sangeeta Gupta	5 Jan. 2019	National Research Seminar on "Different Dimensions of Human Trafficking in the Current perspective"	Govt. Home Science P.G. College, Hashangabad (M.P.)
9.	Dr. Sangeeta Gupta	16-17 Feb. 2019	National Conference on "Frantiers in Environment Health and Bio Sciences	C.S.J.M. University, Kanpur
10.	Dr. Sangeeta Gupta	6 Feb. 2019	Workshop on "Project Shakti"	College of H.Sc. C.S. A. U. of Agri.& Tech., Kanpur
11.	Dr. Sangeeta Gupta	6-7 March, 2019	National Conclave on "Empowering Rural Women through Agripreneurship and Innovative Farm Technologies" National Conference on "Impact of Social Change and Technology on Family and Community"	C.S. A. U. of Agri.& Tech., Kanpur
12.	Dr. Sangeeta Gupta	11-12 March 2019	National Conference on "Impact of Social Change and Technology on Family and Community"	Mahila Mahavidyalaya Banaras Hindu Univ., Varanasi
13.	Dr. Sangeeta Gupta	8, 9 and 10 Nov. 2019	International Conference on "Wellness"	C.S.J.M. University, Kanpur
14.	Dr. Sangeeta Gupta	25-26 Nov. 2019	National Conference on "Plant Health Management for eco-friendly and sustainable Agriculture."	C.S. A. U. of Agri.& Tech., Kanpur

15	Dr. Sangeeta Gupta	28-29 Nov. 2019	Workshop on "Sensitization NAHEP component - 2A Activities & Implementation of Academic Management System"	ICAR - IASRI, New Delhi & C.S. A. U. of Agri.& Tech., Kanpur
16	Dr. Sangeeta Gupta	22-23 Dec. 2019	International Conference on "Environment and Society"	D.G.P.G. College, Kanpur
17.	Dr. Rashmi Singh	1-3 February 2019	4 <sup>th</sup> National Brassica Conference	CSAUA&T, Kanpur
18.	Dr. Rashmi Singh	6 <sup>th</sup> -8 <sup>th</sup> March-2019	National Conclave Utthan Agripren on Empowering Rural Women through Agriprenurship and Innovative Farm Technologies	CSAUA&T, Kanpur
19.	Dr. Rashmi Singh	25-26 November, 2019	National Conference on Plant health management for Ecofriendly and sustainable Agriculture (IPSMEZCON)	Plant Pathology, CSAUA&T., Kanpur
20.	Dr. Rashmi Singh	28-29 November ,2019	Sensitization Workshop on NAHEP component - 2Aactivities & Implementation of Academic management System	CSAUA&T, Kanpur
21.	Dr. Rashmi Singh	20-21 Sep, 2019	Enterprises development using value addition of vegetables	CSAUA&T, Kanpur
22.	Dr. Rashmi Singh	10 Dec,2019	Enforcement of food safety in indian food industry	CSAUA&T, Kanpur
23.	Dr. Archana Singh	1-3 February 2019	4 <sup>th</sup> National Brassica Conference	CSAUA&T, Kanpur
24.	Dr. Archana Singh	15 <sup>th</sup> February 2019	National Seminar on Sustainable Fashion: An Emerging Chapter Towards A Greener World	Amity University, Lucknow Campus
25.	Dr. Archana Singh	25-26 November, 2019	National Conference on Plant health management for Ecofriendly and sustainable Agriculture (IPSMEZCON)	Plant Pathology, CSAUA&T., Kanpur
26.	Dr. Archana Singh	28-29 November ,2019	Sensitization Workshop on NAHEP component - 2Aactivities &	CSAUA&T, Kanpur

			Implementation of Academic management System	
27.	Dr. Archana Singh	2-3 Dec. 2019	International Conference on “Advanced Materials, Textiles and Process	Uttar Pradesh Textile Technology Institute, Kanpur
28.	Dr. Archana Singh	6 <sup>th</sup> -8 <sup>th</sup> March-2019	Natonal Conclave Utthan Agripren on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies	CSAUA&T, Kanpur
29.	Dr. Mithilesh Verma	6 Feb. 2019	National Workshop on "Project Shakti"	CSAUA&T, Kanpur
30.	Dr. Mithilesh Verma	28-29 Nov. 2019	Workshop on "Sensitization NAHEP component - 2A Activities & Implementation of Academic Management System"	ICAR - IASRI, New Delhi & C.S. A. U. of Agri.& Tech., Kanpur
31.	Dr. Mithilesh Verma	25-26 Nov. 2019	National Conference on "Plant Health Management for ecofriendly and sustainable Agriculture."	C.S. A. U. of Agri.& Tech., Kanpur 2019
32.	Dr. Seema Sonkar	25-29 August, 2019	9 <sup>th</sup> conference on Reliable renewable energies for off grid empowering rural habitats	Nordic foldk centre , Denmark
33.	Dr. Seema Sonkar	23-24 September, 2019	International conference on food science technology & nutritional science ( Development & standardization of nutraceuticle food products fortified with black rice & okra powder	Barcelona, Spain

### 2019-20

SN0.	Name of teacher	Deptt. Date	Name of Conferences	Venue
1.	Dr. Neelma Kunwar	14 <sup>th</sup> July, 2020	Webinar on “Enriching productive relationship using brain communication”	New Delhi
2.	Dr. Neelma Kunwar	21 <sup>st</sup> July, 2020	Webinar on “Food system and immunity facing challenges during	Ayodhyaya, U.P.



			COVID-19”	
3.	Dr. Neelma Kunwar	, 24 <sup>th</sup> July, 2020	Webinar on “Changing pattern of Human Relationship : COVID-19 and its aftermath”	Hooghly, West Bengal
4.	Dr. Neelma Kunwar	28-29 July, 2020	Webinar on Jivani of Sant Tulsidas	K.A. (P.G.) College, Kasganj,U.P.
5.	Dr. Neelma Kunwar	29 <sup>th</sup> July, 2020	Webinar on “Strengthening the immune system against COVID-19 through Agricultural Innovations”	Fatehpur-Shekhawati, Sikar (Raj.).
6.	Dr. Neelma Kunwar	31 <sup>st</sup> July, 2020	Webinar on National Capability Enhancement Conference : Education for Meaningful life part-8	Ludhiana, Punjab
7.	Dr. Mukta Garg	12May 2020	National seminar on Covid 19 & Challenges in Virtual Labs	D.A.K.Degree college Moradabad,(U.P)
8.	Dr. Mukta Garg	16 <sup>th</sup> may 2020	International webinar on Nurturing Physical, Mental and social Health : During and Post Covid - 19. Held	Institute of Home Science Dr Bhimrao Ambedkar University Agra.
9.	Dr. Mukta Garg	23 <sup>rd</sup> May 2020	Participated in Effective and Efficient online Teaching in Age of Corona , A hands on workshop	teaching learning centre (ICT)at IIT Bombay funded by MHRD govt of India.
10.	Dr. Mukta Garg	6-7 June 2020	Two days International webinar on Covid -19 & Self Dependent Bharat : Concept Aspects and Prospects	MI& JNK Girls College Saharanpur, U.P India
11.	Dr. Mukta Garg	15 <sup>th</sup> June 2020	National webinar on Voices of Gender Equality in India’s Intellectual Traditions	Committee of Basic Facilities of women , Babasaheb Bhimrao Ambedkar University Lucknow
12.	Dr. Mukta Garg	29 <sup>th</sup> June 2020	Participated on online National talk show on Skill development Dynamics for Agri-preneurship in Post Pandemic India.	Agriculture University, Kota
13.	Dr. Mukta Garg	July 6 <sup>th</sup> 2020	National webinar on Living with Covid - 19,Biomedical and Psychological consideration for Family	Department of Human Development and Family Resource Management, Enthlind Maharani

			Wellbeing	Avantibai College of Home Science ,SHUATS Nani – Prayagrajj
14.	Dr. Vinita Singh	6 to 8 May, 2020	National Webcon 2020 on agricultural production & support system managing Covid-19 pandemic: Experience sharing & Strategies	C.S. Azad University of Agriculture and technology, Kanpur
15	Dr. Vinita Singh	10 June,2020	National webinar on Role of Nutrition in Supporting Immune System during Lockdown period	Hoshangabad (M.P.) Barkatullah university Bhopal
16	Dr. Vinita Singh	5 June,2020	National Webinar on Climate Change and Agro forestry –Impacts, Implications and strategies	C.S. Azad University of Agriculture and technology, Kanpur
17.	Dr. Vinita Singh	16 June, 2020	Webinar on Changing the future with communication skills	C.S. Azad University of Agriculture and technology, Kanpur
18.	Dr. Vinita Singh	2 July, 2020	National Webinar on Role of Technology in Dissemination of Professional Education during present scenario	C.S. Azad University of Agriculture and technology, Kanpur
19.	Dr. Vinita Singh	29-30 July, 2020	National Web-Conference on Management of Resources for Empowerment of productivity, Biodiversity and Livelihood Security	C.S. Azad University of Agriculture and technology, Kanpur
20.	Dr. Sangeeta Gupta	7-8 Feb. 2020	National Conference on "Technological and Emerging Aspects in Agriculture and Community Science"	International Buddhist Research Institute, Vipinkhand Gomtinagar, Lucknow
21.	Dr. Sangeeta Gupta	22-23 Feb. 2020	National Conference on "Recent Trends and New Frontiers in Bio-technology, Agriculture, Science and Environment"	St. John's College, Agra
22.	Dr. Sangeeta Gupta	29 Feb. 2020	Alumini meet & Brain storming on growing importance of natural farming in India	C.S. A. U. of Agri.& Tech., Kanpur
23.	Dr. Sangeeta	13-15 March,	International Conference	Baba Saheb Bhimrao

	Gupta	2020	on "Innovative Approaches in Applied Sciences and Technologies"	Ambedkar Univ., Lucknow
24.	Dr. Sangeeta Gupta	21 May 2020	National Webinar on "Novel Approaches to overcome impact of current pandemic Scenario on Food Sector"	Institute of Food Engineering & Technology, Bundelkhand Univ., Jhansi
25.	Dr. Sangeeta Gupta	15 May 2020	National Webinar on "Impact of Covid-19 Pandemic on Food Safety & Future Product Development"	H.B.T.U., Kanpur
26.	Dr. Sangeeta Gupta	03 June 2020	National Webinar on "Community Science-Linkages and way forward"	College of Community Science, Maharana Pratap Univ. of Agric. & Tech., Udaipur, Rajasthan
27.	Dr. Sangeeta Gupta	29 May 2020	National Webinar on "Practical Rheology for the Food Technologists"	H.B.T.U., Kanpur
28.	Dr. Sangeeta Gupta	23 May 2020	Virtual workshop on "How to set up your food processing industry"	NIFTEM Sonipat, Haryana
29.	Dr. Sangeeta Gupta	07 June 2020	Participation in "Food Safety Quiz"	AKS University Satna, M.P.
30.	Dr. Sangeeta Gupta	10 June 2020	National Webinar on "Setting a new normal in Food Processing Sector in Post Covid-19 opportunities and challenges "	Maharana Pratap University of Agric. & Tech., Udaipur, Rajasthan
31.	Dr. Sangeeta Gupta	17-19 June 2020	Online workshop on ^^Atmanirbar Barat ayr laghu udyogo ka vikas	Govt. Home Science P.G. College, Hoshangabad, M.P.
32.	Dr. Sangeeta Gupta	21 June 2020	Webinar on "Effect of Covid-19 on Mental and Physical Health Unlock 1.0"	Deptt. of Home Science, Dayanand Girls P.G. College, Kanpur
33.	Dr. Sangeeta Gupta	8 July 2020	International Webinar on "Food Laws and the Requirements of Food Testing in India"	Deptt. of Food Technology, AKS Univ., Satna
34.	Dr. Sangeeta Gupta	01-05 July, 2020	Workshop on "Learning by performing through Virtual Lab"	Dr. Rammanohar Lohia Avadh Univ. Ayodhya

35.	Dr. Sangeeta Gupta	23 June 2020	Webinar on "Micro-Nutrient Fortification in Combating Malnutrition"	National Institute of Food Technology Entrepreneurship and Management, Kundli, Sonipat
36.	Dr. Sangeeta Gupta	28 June 2020	Participated in 4 <sup>th</sup> International Web Conference on "Emerging Trends in Arts, Science, Engineering and Technology"	IACRD International American Council for Research and Development Peramalur, Tamil Nadu
37.	Dr. Sangeeta Gupta	24 July 2020	Participated in webinar series 2020 - Let's Talk about Food	Bhaskaracharya College of applied Science University of Delhi
38.	Dr. Sangeeta Gupta	27 July 2020	Webinar on "Cyber Crime against Women"	K.R. Mangalam University, Delhi
39.	Dr. Sangeeta Gupta	15-16 July 2020	National Webinar on Bharat evam yuva kartavya evam Apekshayein	Dr. Ram Manohar Lohia Avadh University, Ayodhya
40.	Dr. Sangeeta Gupta	28 July 2020	Webinar on "Sustainable food waste utilization and Management"	Research & Consultancy Cell, SLIEF, Longowal (India)
41.	Dr. Sangeeta Gupta	4 August 2020	Webinar on "Post-harvest processing Technologies	ICAR-CIAE, Nabi Bagh, Bhopal
42.	Dr. Sangeeta Gupta	16 June 2020	National webinar on "Changing the future with Communication Skills"	C.S.A.U.A. & T. Kanpur
43.	Dr. Sangeeta Gupta	12 August 2020	Online workshop on "Future Restricting thought Innovation"	Dr. Ram Manohar Lohia Avadh University, Ayodhya
44.	Dr. Rashmi Singh	6-8 May, 2020	National Webcon on Agriculture production and support system managing Covid- 19 pandemic: Experience Sharing and Strategies	CSAUA&T., Kanpur
45.	Dr. Rashmi Singh	12-18 June, 2020	Webinar series on "Assessment of Nutritional Status"	Nutrition Society of India, Mumbai Chapter
46.	Dr. Rashmi Singh	13 March, 2020	Emerging technologies for food preservation and safety	CSAUA&T, Kanpur
46.	Dr. Rashmi Singh	27 Jan-2 Feb, 2020	Advanced Techniques of food processing and preservation	NIFTEM, Sonipat

47.	Dr. Rashmi Singh	6-10 July 2020	E training on Nutritional security & Health Through Value Addition of Vegetables and Pulses	CSAUA&T, Kanpur
48.	Dr. Archana Singh	6-8 May, 2020	National Webcon on Agriculture production and support system managing Covid- 19 pandemic: Experience Sharing and Strategies	CSAUA&T., Kanpur
49.	Dr. Archana Singh	June 16 <sup>th</sup> 2020	National Webinar on “Changing the Future with Communication Skills”	CSAUA&T, Kanpur
50.	Dr. Archana Singh	6-10 July 2020	E training on Nutritional security & Health Through Value Addition of Vegetables and Pulses	CSAUA&T, Kanpur
51.	Dr. Mithilesh Verma	29 Feb. 2020	Alumini meet & Brain storming on growing importance of natural farming in India	Agri.& Tech., Kanpur
52.	Dr. Mithilesh Verma	22-23 Feb., 2020	National Conference on Recent Trends and New Frontiers in Biotechnology Agriculture, Science and Environment	St. John's College Agra 2020
53.	Dr. Mithilesh Verma	13-15 March, 2020	International Conference on "Innovative Approaches in Applied Sciences and Technologies"	Baba Saheb Bhimrao Ambedkar University, Lucknow 2020
54.	Dr. Mithilesh Verma	06-08 2020	National Webcon Agricultural	C.S. A. U. of Agri.& Tech., Kanpur
55.	Dr. Mithilesh Verma	March, 2020	Production & support system managing Covid-19 Pandemic : Experience sharing & Strategies	Tech., Kanpur
56.	Dr. Seema Sonkar	10-12 Jan, 2020	SUMMIT KHULANA- ( Enforcement of antioxidant property in product through black rice)	PSENPS Summit Khulna, Bangladesh
57.	Dr. Seema Sonkar	29 Feb,2020	Diet counseling camp	C.S.A University, Kanpur

58.	Dr. Seema Sonkar	8-28 July, 2020	Twenty one days National Training on Recent advances in functional and nutraceuticals for future foods	C.S.A University, Kanpur
59.	Dr. Seema Sonkar	10 May, 2019	Participated in the national conference on innovative packaging techniques for food products and its safety aspects.	Indian institute of packaging Delhi, Centre.

## Book and book Chapters Published by Faculty

### 2015-16

1. Mithlesh Verma Effect of Alcoholism drug addiction on family- Sangeeta Gupta & Mithilesh Verma (2015), Nikhil Publishers and Distributors, Agra.
2. Mithlesh Verma Krishak *Mahilano hetu vividh vyanjan* (2015), Swati Singh & Mithilesh Verma, Nikhil Publishers and Distributors, Agra.
3. Sangeeta Gupta, "Extension Education and Communication Management of Elective Courses" (2015) published by Nikhil publisher & distributors, Agra.
4. Mukta Garg, Home Environment and adolescents 'Adjustment, Rama Nishad and Mukta Garg, 2015,Alka prakashan Kanpur
5. Vinita Singh, Fighting Old Age by Nutrition by Vinita Singh and Neelma Kunwar, N.New Academic Publishers, New Delhi 2015
6. Vinita Singh, Nutrition and Health Status of Working Children by Dr.Vinita Singh and Dr. Veena Nigam. V.Nikhil Publishers, Agra, 2015

### 2016-17

1. Mithlesh Verma Scientific Writing and Reporting for Media (2016), Sangeeta Verma and Mithilesh Verma, published by New Academic Publishers, New Delhi, 2016.
2. Neelma Kunwar, Problems of Neglected Old Age People in India (2016).
3. Neelma Kunwar, Causes of Iron deficiency in Menorrhagia (2016).
4. Neelma Kunwar, Impact of Nutrition and Health Education on Future Mother (2016).
5. Neelma Kunwar, Conflicts and Problems of Land and Property Rights for Farm Women (2016).
6. Neelma Kunwar, Effect of Changing Life Style and Nutritional Status on Adults (2016).
7. Neelma Kunwar, Low cost recipe for Rural Women (2016).

## Books Chapter

1. An introduction to whey protein Vinita Singh and Sadhana Vaish-2016, Natural Resource Management for Sustainable Agriculture and Rural Development, 2016 ISBN-978-81-923494-8-0

2. Nutrition in Pregnancy, Sadhana Vaish and Vinita Singh In book-Natural Resource Management for Sustainable Agriculture and Rural Development, 2016 ISBN-978-81-923494-8-0

## **2017-18**

1. Vinita Singh , Indian recipes fortified with mushroom powder by Verma, A. and Singh, V., LAP LAMBERT ACADEMIC PUBLISHING, GERMANY, 2017
2. Neelma Kunwar, Empowerment of Rural Women through SHGS (2017).
3. Neelma Kunwar, Causes of Female Insecurity and Safety in India (2017).
4. Neelma Kunwar, Environment and Harmful Effects of Pesticides on Human Health (2017).
5. Neelma Kunwar, Reason of Social Abuse in India (2017).

### **Books Chapter**

1. Neem as a medicine Vinita Singh and Sadhana Vaish- 2017 In Book-Emerging Trends in Agriculture,Environmental & Rural Developmental Challenges and Solution, 2017 ISBN : 978-81-923494-9-7
2. Toxic factors in legumes Sadhana Vaish,Vinita Singh and Devendra Swaroop In Book-Emerging Trends in Agriculture,Environmental & Rural Developmental Challenges and Solution, 2017 ISBN : 978-81-923494-9-7

## **2018-19**

1. Mithilesh Verma, Krishak Mahilayo hetu Upyogi Sahitya (2018), Mithilesh Verma and Sangeeta Gupta, Nikhil Publishers and Distributors, Agra.

### **Books Chapter**

1. Diabetes Mellitus and its Complications, Vinita Singh and Sadhana Vaish, In book New approaches in Agricultural,Environmental and Nutritional Technology, 2018 ISBN:978-81-923535-2-4
2. Milk ByProduct Utilization, Sadhana Vaish,Vinita Singh and Devendra Swaroop In book New approaches in Agricultural,Environmental and Nutritional Technology, 2018 ISBN:978-81-923535-2-4

## **2019-20**

1. Neelma Kunwar, Mahilao evam bachcho ke Swathe per Rog Nirodhak Teeko ka prabhav (2019).
2. Neelma Kunwar, Problem Faced by Buyer to Purchase Apartment (2019).
3. Neelma Kunwar, Constraints of Toilet Scheme for Farm women (2019).
4. Neelma Kunwar, Gramir mahilao ke Swathe per mahia evam Baal Kalyan Karykramo ka prabhav (2019).
5. Seema Sonkar Food Security –A challenges towards combating malnutrition, year 2018-2019. Author: Seema Sonkar, DORCAS .L.ESSIA
6. Vinita Singh, Healing Arthritics with Nutrition, Dr. Nishu Yadav and Dr. Vinita Singh, Nikhil publisher, Agra-2019.

## Books chapter

1. Processing and packaging of vegetables Vinita Singh and Sadhana Vaish In Book entitled- Major Dimensions of Life: Environment, Agriculture and Health ISBN NO. 978-81-923535-7-9, 2020
2. Nutrition and weight control diet Sadhana Vaish and Vinita Singh In Book entitled- Major Dimensions of Life: Environment, Agriculture and Health ISBN NO. 978-81-923535-7-9, 2020
3. Seema Sonkar, Contributory Chapter: Moringa: A miracle tree for Africa –Asian Health in the book- Trends in technology for agriculture, food, environment and health. Author: Seema Sonkar, and KAHSAI WOLDE GIORGIS( African Asian Studies Association, Germany AGROBIOS (*International*) ISBN: 978-81-947480-7-

## Manual

1. Seema Sonkar, Manual on Clinical Nutrition for postgraduate students of Food Science & Nutrition during 2019.

### 6.5.2.4. Technical and Supporting Staff

*Whether the College has appointed (in place) sufficient technical/laboratory/farm staff to cater the need of practical and field experiments. Mention department wise distribution of technical, supporting and field staff in the tabular form.*

The college has sufficient number of technical/laboratory/farm staff to cater the need of practical & field experiments; however the positions remained vacant due to retirement of staff are in the process of recruitment. The details of available staff are tabulated below.

#### Technical and Supporting Staff for Dean's Secretariat and all the departments

Sl. No.	Designation	No. of Sanctioned Posts	In Position	Vacant	Total
1.	Computer Programmer	01	01	-	01
2.	Stenographer	01	01	-	01
3.	Sr. Assistant	01	01	-	01
4.	Jr. Assistant	02	03	-	02
5.	Lab Attendant	02	02	-	02
6.	Watchman	01	01	-	01
7.	Peon	01	01	-	01
<b>Total</b>		<b>09</b>	<b>09</b>		<b>09</b>

### 6.5.3. Learning Resources

*Learning resources are texts, videos, software, and other ICT enabled materials that teachers use to assist students to meet the expectations for learning defined by ICAR recommended curricula. Information on the following shall be submitted.*



Technology enabled learning resources have been embedded in imparting quality education in the college. The main aim of technology-enabled learning is to emphasize the accessibility to quality teaching and learning with the help of the innovative application of information and communication technologies (ICTs). Use of ICT tools provided a transformative effect on teaching and learning by focusing on PolicyTechnology-Capacity as a triangle and to base practice on research evidence.

### **6.5.3.1. College Library (Digital)**

*Mention the information about location of the library, present staff position (in place) and availability of Wi-Fi, sufficient books and other reading materials, periodicals and research journals, internet with sufficient number of computers, seating capacity, employing the latest technology in library sciences, stocking arrangements, collection of volumes on different subjects, latest publications in the fields of relevant subjects, automation and user services through computer, opening hours, subscription of journals of national and international repute, national dailies, magazines etc.*

The faculty of Home Science has a well developed library. Since the Central Library of the University is well stocked and easily approaches for Home Science students, the College Library is having more specialized books of the subject concerned. The college library has been established on the second floor of the old building adjacent to the Examination Hall. The library provides silent and peaceful environment, which is very congenial for students. The Students can now concentrate on their reference work and research activities. The library has one library in-charge who supervises the librarian and assesses the needs and requirement of new books and periodicals by the students.

#### **Library Building**

The Maharani Avantibai College of Home Science occupies a space of 15×10 ft. for Library. The efforts are in progress for strengthening for the college library as the existing infrastructure is not sufficient according to the strength of the students at the undergraduate and postgraduate levels.

#### **Library Facility**

Proper and up-to-date cataloging of all the books, Journals, thesis and magazines has been done and efforts are in progress to up-date the library.

#### **Books and periodicals**

There are 1200 titles of books of different subjects.

#### **Magazines/Periodicals available**

In the library following magazines/periodicals are available. India Today, Sports Star, Daily News, Computer News, Discovery Science reporter

#### **News Papers subscribed in Library**

Dainik Jagaran	Kanpur Edtiton
Amar Ujala	Kanpur Edition
Times of India	New Delhi Edition
Hindustan Times	New Delhi Edition

Besides these students projects, reports, seminar reports, development reports and news of different institutions are available.

### 6.5.3.2. Laboratories, Instructional farm, workshop Dairy Plant, Veterinary Clinic, Hatchery Ponds etc.

*Clearly mention about laboratories, instructional farm, workshops, dairy plant, veterinary clinic, hatchery, ponds etc facilities available in the College with its numbers, space, specialty to conduct practical/hands on training.*

## Department wise laboratories

### 1. Department of Food Science & Nutrition Department

**Food Laboratory:** Contain specialized instruments and food processing equipment to enable experimental processing of different types of food types of food production.

**Institutional Management lab:** is a real life classroom laboratory managed by food sciences and Nutrition students staffing and managing such laboratory provide opportunities to learn about food service operations, including production, service and business accounting though hands on experience.

**Food analysis lab:** this lab facilitate learning and weak through research students work in well equipped chemistry, microbiology, nutrition lab to find solution to food quality, safety and security issues undergraduate and graduate students work in the laboratory to discover new approaches to the challenge facing the Food Science & Nutrition fields.

### Laboratories wise space

Particulars	Area (Ft.)
Food Processing Lab	40.8×30.4
Food Anaylsis Lab	43.4× 30.5
Institutional Mangement Lab	43.1× 30.1
Cooking Lab	23.3× 20.5

### List of Equipments

S.N.	List of Equipments	Qty.
1	Weighing balance max. 200 g	1
2	Weighning balance digital 0.1mg to 200g	1
3	Weighning swa`balance (physical)	1
4	Magnetic stirrer	1
5	Photo colorimeter	1
6	Digital spectrophotometer	1
7	Muffle furnace	3
8	Innoculation chamber	02
9	Water bath	1
10.	Digital colony counter	1

11	Steam jacket	1
12	Auto clave	1
13	Microscope	05
14	Centrifuge	03
15	Distillation Unit	1
16	Mantle Heater	04
17	Kjeldhal Digestion apparatus	02
18	Wet grinder	1
19	Hot air Oven	02
20	Shaker	1
21	Incubator	02
22	Bod Incubator	02
23	Pipette Washer	1

## 2. Department of Textile and Clothing Department

There are four laboratories in the department.

- Textile science laboratory:** this lab is being used by under graduate and post graduate students for chemical and burning test of various textile fibers. Practicals related to laundering are also being conducted in this lab for U.G. students.
- Garment construction laboratory:** undergraduate as well as post graduate students do practicals related to cutting, stitching and finishing of garments. Twenty sewing operates are lying in this lab.
- Dyeing and Printing laboratory:** Different types of dyeing and printing methods are being practiced by under graduate students. This lab has straight printing tables for block printing and started printing table for screen printing.
- Textile testing laboratory:** this lab is being used by post graduate students only for physical testing of fibers, yarns and fabrics at grey as well as finished stage. Various instruments used for physical testing of textiles are lying in this laboratory.

### Laboratories wise space

Particulars	Area (Ft.)
Textile science laboratory	22.5×23
Garment construction laboratory	22.9×22.8
Dyeing and Printing laboratory	34.4×22.1
Textile testing laboratory	30.4×20.1
Class Room	22.3×20.4

### List of Equipments:

S.N.	List of Equipments	Qty.
1	Bursting strength tester	1
2	Tensile strength tester	1
3	Perspirometer	1
4	Launder-o-meter	1
5	Stiffness tester	1

6	Fabric thickness gauze	1
7	Foot operated sewing machine	1
8	Fashion maker	1
9	Hand operated sewing machines	1
10	Ironing boards Mannequins	1
11	Dyeing machine	1
12	Water refrallancy tester	1
13	Yarn twist tester	1
14	Projectiion microscope	1

### 3. Department of Family Resource and Management

This lab for undergraduate students of FRM Department

#### Laboratories wise space

Particulars	Area (Ft.)
UG Lab	22.3×23.3
Computer Lab	22.4×17

#### List of Equipments:

S.N.	List of Equipments	Qty.
1	Oven	1
2	Oven Toaster Griller	1
3	O.TGS 1930	1
4	Over head Projector	1
5	Micro Grill MC2143CB	1
6	Vacuum Cleaner	1
7	Exercise Gym Cycle	1
8	Washing machine	1
9	Refrigerator	01
10	Cooking range	01
11	Mixer	01
12	Dishwasher	01

### 4. Department of Extension Education and Communication Management

There are three laboratories, two lecture halls and three class rooms available in the department. The carpet area of each rooms are as under

Particulars	No. of Rooms	Area (ft.)
Laboratories	03	1. 22.x5 X 22x1 2. 22x5 X 22x5 3. 22.x3 X 22x2
Lecture Hall	02	1. 22.x2 X 22x2 2. 22.x2 X 22x5
Class Room	03	22.x3 X 22x10
<b>Total</b>	<b>08</b>	

## List of Equipments

S.N.	List of Equipments	Qty.
1	Computer	4
2	Printer	3
3	Scanner	3
4	Coloured Printer	1
5	Laptop	1
6	TV	1
7	Projector	1
8	Solor lights	3
9	Packging machine	1
10.	Roti maker	1

## 5. Human Development Department

### Laboratory and Equipments

The Department has the following two laboratories, viz.

#### Testing Laboratory

The Testing Laboratory is equipped with various psychological tests that are require for the purpose of assessment of physical/,motor growth and development of different aspects of development such as intelligence, personality, emotional competence, social maturity of children etc.

#### Nursery Observation Laboratory

Nursery Observation Laboratory facilitates students to observe and study growth and development of young children. It is equipped with various play equipments for enhancing children's large muscle development, and specific play materials to promote small muscle development in children, creativity, and cognitive, social and emotional development. It is also equipped with various play-way teaching aid materials.

### Laboratories wise space

Particulars	No. of Rooms	Space of laboratories (Ft.)
Testing Lab	01	45.90 × 32.80
Activity Centre	01	45.90×34.40
Nursery Lab	01	42.60×29.50

### Equipment in testing laboratory

Creative thinking, scale of reading writing skill for pre-primary school children, alexander pass along performance test of intelligence, Wechsler's adult intelligence scale performance scale, lock design test, thematic appreciation test (TAT), draw a man test, colored progressive matrices, cultural fair intelligence test, mental ability test, the rorschach

method of personality diagnosis, R.W.S. test for pre-primary children, differential aptitude tests form lh (indian adaptation), guidelines and norms for seguin form board test, bhatia's battery of performance test, wechsler's adult performance intelligence scale, wechsler's intelligence scale for children, stanford binet intelligence, developmental assessment scaled for indian infants (das ii), social competence scale, social maturity scale, case study proforma, parental attitude scale towards pre-school education, socio economic scale and prolonged deprovalation scale are used to measure the various human development scale.

Some other standardized scales viz emotional competency, aptitude scale, parental encouragement scale, home environment inventory are also available in the testing laboratory.

#### **Equipment in Nursery Observation Lab**

<b>S.N.</b>	<b>List of Equipments</b>	<b>Qty.</b>
1	Humpty Dumpty.	1
2	Cycle	1
3	Plastic Tub (Big & Small)	1
4	Car	1
5	Slide with Tunnel & Hut	1
6	Soft Ball (full packet)	1
7	Wooden Boat	1
8	Plastic Roaker	1
9	Slide (Small)	01
10	Sea Saw	01
11	Doll Play house (Open)	01
12	Hut shape balloon house	01
13	Blocks	02
14	Music system	01
15	Basket ball	01
16	Puppets stage Wooden	01
17	Height measuring rod	01
18	Weighing scale	01
19	Essal board	01
20	Marry go round	01
21	Sand pit (Tortoise)	01

#### **6.5.3.3. Students READY / IN-plant training/Internship/ experiential learning programme.**

*Clearly mention about the implementation of Student READY/ In-plant training/ Internship/ Experiential Learning programmes and learning outcomes as per the guidelines of ICAR. Profit sharing mechanism (amount) shall be mentioned for each ELP unit sanctioned by the ICAR for the college.*

#### **In-plant Training**

Undergraduate students are place/attached to an organization/ industry for one semester period. 20 credits are assigned to this experience of which 10 credits are counted in the result while remaining 10 credits are evaluated as satisfactory/ unsatisfactory. This course is taken in VII semester of the undergraduate programme.

In-plant training programme is being run regularly in the VII semester of B.Sc. (H.Sc.) since 2001. Placement of the student is service oriented unit production unit institution or industrial unit. Students have to give internship to train theme for entrepreneurship is the fine areas of electives for self-employment. The students have to be given training is the front office service area, workshop, purchase accounts, restaurants, day care centre and nursery schools, boutiques, hosiery, production unit, architectural firm, interior decoration, households equipment production units etc. All the departments have developed transparencies for imparting teaching supported with charts and diagram. All the departments have also prepared practical manuals for undergraduate courses.

To enrich the practical knowledge of the students, in-plant training is important part of the RAWE programme. In this training, students had study a problem in industrial perspective and submitted the reports to the university. Such in-plant trainings were providing an industrial exposure to the students as well as to develop their career in the high tech industrial requirements.

### Student participation in In-plant Training programme

Name of Department	Year	No of students	Place where training conducted
Extension Education and Communication Management	2015-2016	14	• KVK, Leather Institute, Agar
	2016-2017	13	• ETV, Doordarshan
	2017-2018	11	• Press Unit in Kanpur (Hindustan, Amar Ujala, Dainik Jagran)
	2018-2019	12	• HDFC Bank, Kanpur, NGOS, ICDS, SIRD.
	2019-2020	16	
Textiles and Clothing	2015-2016	6	• Lal Imli Woollen Mills, Kanpur
	2016-2017	7	• Northern India Textiles Research Institute, Kanpur
	2017-2018	9	• Textile Institute, Bhiwani
	2018-2019	8	• Textile Committee, Kanpur
	2019-2020	3	• Tarun Textiles, Kanpur
Food Science and Nutrition	2015- 2016	20	• AIIMS, New Delhi
	2016-2017	20	• Fortis Hospital, New Delhi
	2017-2018	18	• Escort, New Delhi
	2018-2019	19	• Apollo, New Delhi
	2019-2020	21	• Regency, Kanpur • Bakery, Food Preservation • Talwalkar Fitness center • VLCC, Kanpur • Personal Point, Kanpur • Chandani Nursing Home • Kulwanti Nursing Home

### 6.5.3.4. Curricula Delivery through IT (smart class rooms/interactive board etc.)

*Whether the College is using smart class rooms/interactive board etc. for teaching and practicals. Number of class rooms upgraded as smart class rooms should be mentioned.*

There is one smart class rooms available which is used for teaching purposes. The efforts are in progress to increase the number of smart class rooms in the Maharani Avantibai College of Home Science in order to impart students in a interactive mode. The smart class room is used for dissemination of information & knowledge during online teaching. Smart class room is equipped with e-podium, over-head projector with auto sliding screen.

## 6.5.4. Student Development

*Student Development at the College directs its educational efforts at fostering the intellect and character of students by integrating in-class and co-curricular experiences. To accomplish this, the College provides a wide range of educational experiences through programs and activities that complement and support the academic experience in the classroom.*

### 6.5.4.1. Students intake and attritions

*The information about student intake and attrition, for the College as a whole but separated in UG, PG and PhD categories shall be provided in tabular form for last five years.*

Programme	Year wise students intake					Year wise students attritions				
	2015-16	2016-17	2017-18	2018-19	2019-20	2015-16	2016-17	2017-18	2018-19	2019-20
B.Sc. (H.Sc.) Hons.	39	35	33	26	36	0.00	0.00	0.00	0.00	0.00
M.Sc. (H.Sc.)	28	36	13	08	21	0.00	0.00	0.00	0.00	0.00
Ph.D. (H.Sc.)	03	04	03	03	03	0.00	0.00	0.00	0.00	0.00

### 6.5.4.2. Average Number of Students in Theory and Practical Classes

*Mention the Degree Programmewise number of students sitting in a class for theory and practical, separately in tabular form. Complete list of academic programmes (UG and discipline wise masters and Ph.D), for which accreditation is sought, need to be provided. The list should provide only programmes in which students are already passed out.*

S.N.	Name of the Degree Programme	Batch of students in theory class	Batch of students in practical class
1	B.Sc. (H.Sc.) Hons.	As per admitted	As per admitted
2	M.Sc. (H.Sc.)	As per admitted	As per admitted
3	Ph.D. (H.Sc.)	As per admitted	As per admitted

### 6.5.4.3. Admission Process

*Clearly give complete mechanism of admission for UG, PG and PhD programmes, fee payment mechanism, registration procedure, academic schedule publication at the start of the semester etc. Write information in one page only.*

The admission to various programmes is done strictly in order of merit-cum-reservation, based on the aggregate marks obtained by the candidates in the Uttar Pradesh Combined Agricultural and Technology Entrance Test (UPCATET). The admission



notifications for UG degree programmes are notified in important newspapers and also in all colleges of the University. The notification also contains the courses offered at different campuses and minimum qualifications prescribed for seeking admission. The entrance examination conducted on All India basis during May-June every year.

### **Undergraduate Programme**

Bilingual question paper of three hours duration in English and Hindi language consist of 200 objective type questions with multiple choices carrying 600 marks is given. Paper group wise following criteria is adopted for deciding the merit.

1. **PCB:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Biology (D), Chemistry(C), and Physics (B) and then qualifying examination.
2. **PCM:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Mathematics (D), Physics (B), and Chemistry (C) and then qualifying examination.
3. **PAG:** In the event of two or more candidates securing equal marks, the merit is decided on the basis of marks secured in the Agriculture Group (D), Zoology and Botany(C), Physics and Chemistry (B) and then qualifying examination.

### **Enrollment of students in undergraduate degree programme:**

The college offers one undergraduate degree programmes in the faculty of Home Science. The duration of these programmes are of 4 years.

All admissions are provisional in the first instance and the Vice-Chancellor reserves the right to cancel admission granted to a candidate without assigning any reason. No person is entitled to claim any compensation or concession if the admission granted is subsequently cancelled. Candidates appearing in the final year/ semester of B.Sc. (Hons.) Home Science is required to produce their mark sheet /transcript on the day of counseling, otherwise their candidature are not included in merit index for admission. The candidate themselves are required to ensure that their mark sheet / transcript available before the counselling committee.

The allocation of discipline to a successful candidate is done on merit index-cum reservation cum subject available at the time of counseling. The choice once exercised is final and change is not allowed even if a vacancy exists in any other discipline at a later stage.

The qualified candidates, as per merit, are called for counseling's on a specified date and time for consideration for admission to Undergraduate. The counselling continue still the last seat in programme is filled-up. No minimum qualifying marks required for any programme.

The candidates report at the counselling place as per schedule given in counselling letter for checking of relevant documents and depositing prescribed fee. Candidates who do not turn up at their call will be given a chance at the end of the day. They can claim only the programmes in which seats are available at that time and as per their qualifications/groups.

### **Reservations and relaxations/ weightage**

The allocation of the University, Programme and Discipline to a successful candidate is made on merit-cum-reservation-cum-choice available at the time of counselling. The choice once exercised is treated as final and no change is allowed thereafter in this respect, even if vacant seats exist in any other University at a later stage.

### **Reservation to different categories for admission UG and PG Programmes**

S. N.	Vertical Reservation (Main category)		S. No.	Horizontal Reservation (Sub-category) In every main category, reservation to following sub-category as given below will be applied	
1.	Scheduled caste	21%	1.	Ward of Freedom Fighters (FF)	2%
2.	Scheduled Tribe	2%	2.	Physically handicapped (PH)	3%
3.	Unreserved	40%	3.	Ward of Defense Personnel (DP)	1%
4.	Other Backward caste	27%	4.	Ward of University Employees (UE) only in undergraduate programmes	10%
5.	EWS	10%			

**Note:**

1. Only one son or daughter of a University employee is allowed to avail of this relaxation in one academic year.
2. Criteria for a person to be treated as Defense Personnel will be as follows:
3. He/she should either be in active Army Service or a retired military personnel and be a bonafide resident of Uttar Pradesh;
4. Documentary evidence shall have to be produced in support of the above claim. Civilian employees of the Military Department shall not be eligible for this concession.
5. 15% seats at undergraduate and 25% seats at postgraduate level over and above will be filled through ICAR National level examination.
6. Minimum eligibility conditions may be relaxed by the Vice-Chancellor for such outside candidates from foreign countries, under developed States, NEC and Tribal areas as are sponsored by their respective government/ICAR/NEC.
7. Admission to B.Sc. (Hons.) Home Science second semester is not permissible in any condition.

**Eligibility for Admission in Under Graduate Programme**

Intermediate in arts with home Science as PCB/PCM/Agri.Sci/PCMB are basic qualification for admission in UG Programme.

**Eligibility for Admission in Master's Programme**

A bachelor degree in the respective/related subjects. 6.00/10 or equivalent OGPA/equivalent percentage of marks for general category candidates and 5.50/10 or equivalent OGPA/equivalent percentage of marks for SC/ST/PH category candidates at bachelor's degree level those who are coming from the 3-year bachelor degree stream should undergo one year remedial programme before registering for regular courses.

**Eligibility for Admission in Doctoral programme**

Master's degree in the respective/related subjects. OGPA of 6.5/10 or equivalent OGPA/equivalent percentage of marks for general category candidates and 6.00/10 or equivalent OGPA/equivalent percentage of marks for SC/ST/PH category candidates at Master's degree level those who are coming from the 4-year bachelor degree and 2-year degree streams should undergo one year remedial lessons before registering for regular courses.

**Frequency of Student Evaluation**

Two exams in a semester-midterm (internal) and final exams (external).

## College Fee Structure

College charges fee as annual dues, semester fee and hostel fee, which are compulsory for all the UG and PG students. In addition, the students are also required to pay other fee for items like thesis evaluation, re-registration, transcript, migration and degree as and when required. The present fee structure was revised during 2013-14 academic session.

### Fee Structure for Undergraduate Programmes (2015-16 to 2019-20)

Items	2015-16	2016-17	2017-18	2018-19	2019-20
Annual dues					
Admission fee	3000	3000	3000	3000	3000
Caution money(refundable)	3000	3000	3000	3000	3000
Tuition fee	11500	11500	11500	11500	11500
<b>Sub-Total</b>	<b>17500</b>	<b>17500</b>	<b>17500</b>	<b>17500</b>	<b>17500</b>
<b>Semester Fee</b>					
Registration	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
Medical	150	150	150	150	150
Laboratory	5000	5000	5000	5000	5000
Examination	3000	3000	3000	3000	3000
Re-registration fee	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Sub-Total</b>	<b>8650</b>	<b>8650</b>	<b>8650</b>	<b>8650</b>	<b>8650</b>
<b>Hostel Fee</b>					
Single seated room	4000	4000	4000	4000	4000
Double seated room	3000	<b>3000</b>	<b>3000</b>	<b>3000</b>	<b>3000</b>
Triple seated room	2250	<b>2250</b>	<b>2250</b>	<b>2250</b>	<b>2250</b>
<b>Sub-Total</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>
<b>Other fee</b>					
Security	200	200	200	200	200
Provisional degree certificate	20	20	20	20	20
Transcript	25	25	25	25	25
Migration	100	100	100	100	100
Degree	500	500	500	500	500
Duplicate Degree	1000	1000	1000	1000	1000
Course repeat per subject	500	500	500	500	500
Mess security (refundable )	7000	7000	7000	7000	7000
<b>Sub Total</b>	<b>9345</b>	<b>9345</b>	<b>9345</b>	<b>9345</b>	<b>9345</b>
<b>Grand Total</b>	<b>44745</b>	<b>44745</b>	<b>44745</b>	<b>44745</b>	<b>44745</b>

### Fee Structure for Postgraduate Programme (2015-16 to 2019-20)

Items	2015-16	2016-17	2017-18	2018-19	2019-20
Annual dues					
Admission fee	4000	4000	4000	4000	4000
Caution money(refundable)	4000	4000	4000	4000	4000
Tuition fee	14000	14000	14000	14000	14000
<b>Sub-Total</b>	<b>22000</b>	<b>22000</b>	<b>22000</b>	<b>22000</b>	<b>22000</b>
<b>Semester Fee</b>					
Registration	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
Medical	150	150	150	150	150
Laboratory	10000	10000	10000	10000	10000
Examination	3000	3000	3000	3000	3000
Thesis Evaluation	500	500	500	500	500
Re-registration fee	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Sub-Total</b>	<b>14150</b>	<b>14150</b>	<b>14150</b>	<b>14150</b>	<b>14150</b>

<b>Hostel Fee</b>					
Single seated room	4000	4000	4000	4000	4000
Double seated room	3000	<b>3000</b>	<b>3000</b>	<b>3000</b>	<b>3000</b>
Triple seated room	2250	<b>2250</b>	<b>2250</b>	<b>2250</b>	<b>2250</b>
<b>Sub-Total</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>
<b>Other fee</b>					
Security	200	200	200	200	200
Provisional degree certificate	20	20	20	20	20
Transcript	25	25	25	25	25
Migration	100	100	100	100	100
Degree	500	500	500	500	500
Duplicate Degree	1000	1000	1000	1000	1000
Course repeat per subject	500	500	500	500	1000
Mess security (refundable )	7000	7000	7000	7000	7000
<b>Sub Total</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>
<b>Grand Total</b>	<b>55245</b>	<b>55245</b>	<b>55245</b>	<b>55245</b>	<b>55245</b>

### **Fee Structure for Doctoral Programme (2015-16-2019-20)**

<b>Items</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>
Annual dues					
Admission fee	4000	4000	4000	4000	4000
Caution money(refundable)	4000	4000	4000	4000	4000
Tuition fee	26000	26000	26000	26000	26000
<b>Sub-Total</b>	<b>34000</b>	<b>34000</b>	<b>34000</b>	<b>34000</b>	<b>34000</b>
<b>Semester Fee</b>					
Registration	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
Medical	150	150	150	150	150
Laboratory	10000	10000	10000	10000	10000
Examination	3000	3000	3000	3000	3000
Thesis Evaluation	600	600	600	600	600
Re-registration fee	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Sub-Total</b>	<b>14750</b>	<b>14750</b>	<b>14750</b>	<b>14750</b>	<b>14750</b>
<b>Hostel Fee</b>					
Single seated room	4000	4000	4000	4000	4000
Double seated room	3000	<b>3000</b>	<b>3000</b>	<b>3000</b>	<b>3000</b>
Triple seated room	2250	<b>2250</b>	<b>2250</b>	<b>2250</b>	<b>2250</b>
<b>Sub-Total</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>	<b>9250</b>
<b>Other fee</b>					
Security	200	200	200	200	200
Provisional degree certificate	20	20	20	20	20
Transcript	25	25	25	25	25
Migration	100	100	100	100	100
Degree	500	500	500	500	500
Duplicate Degree	1000	1000	1000	1000	1000
Course repeat per subject	500	500	500	500	1000
Mess security (refundable )	7000	7000	7000	7000	7000
<b>Sub Total</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>	<b>9845</b>
<b>Grand Total</b>	<b>67845</b>	<b>67845</b>	<b>67845</b>	<b>67845</b>	<b>67845</b>

### **6.5.4.4. Conduct of Practical and Hands on Training**

*Mention the brief report on how the practical and hand-on-training is being conducted in different courses to meet the student satisfaction. Write information in one page only.*

The practical classes of UG students are conducted as per the approved list of practicals in the syllabus & on models/machines through study and live experiments. The practicals records are maintained according to the protocol and check by the instructors. The hands-on training is conducted based on the modules prepared by the concern departments. A total of 47 courses are being taught at under graduate level.

Under Student READY Programme Hands on Training is provided on product development and entrepreneurship and Community Nutrition and Welfare. The details of the modules are as under:

## **Module 1- Product Development and Entrepreneurship**

### **Objective**

This module aims to grant practical knowledge to students regarding product development and entrepreneurship, covering all aspects related to income generation through production and sale of clothing and textile and interior decoration products and also the management of their entrepreneurial ventures.

<b>Course Title</b>	<b>Credit Hours</b>
Apparel Designing Technique-Flat Pattern and Draping	3(0+3)
Principles of Textile Designing	3(0+3)
Fashion Illustrations	3(0+3)
Computer Aided Designing-Pattern Designing	2(0+2)
Retailing and Merchandising- Textiles and Apparel	2(0+2)
Instructional Video Production	3(0+3)
Print and Electronic Journalism	3(0+3)
Web designing and Multimedia production	4(0+4)
Public Relations and Social Marketing	3(0+3)
Seminar	1 (1+0)
Event Management	3(0+3)
Interior Design and Decoration	3(0+3)
Computer Aided Interior Designing	4(0+4)
<b>Minimum of 20 credits to be studied</b>	<b>37</b>
In-plant Training/Internship/Hands on Training/ RAWE	<b>20</b>

## **Module 2 - Community Nutrition and Welfare**

### **Objective**

This module aims to impart practical knowledge to students regarding community welfare encompassing all the aspects viz. diet counseling, food preservation, food service and hospitality management, nutraceuticals and health foods, early childhood care, education

and counseling for parents and community and multimedia and video production. Students would be ready to conduct and manage community welfare programs independently.

Course Title	Credit Hours
Print and Electronic Journalism	3(0+3)
Web designing and Multimedia production	4(0+4)
Instructional Video Production	3(0+3)
Diet and Nutrition Counseling	3(0+3)
Food Preservation and Storage	3(0+3)
Food Service and Hospitality Management	3(0+3)
Nutraceuticals and Health Foods	3(0+3)
Methods and Materials for Teaching Young Children	4(0+4)
Education and Counseling for Parent sand Community	2(0+2)
Early Childhood Care, Education and Management	4(0+4)
Developmental Assessment of Young Children	3(0+3)
Seminar	1(1+0)
<b>Minimum of 20 credits to be studied</b>	<b>Total</b>
<b>In-plant Training/Internship/ RAWE</b>	<b>36</b>
	<b>(10+10) =20</b>

#### 6.5.4.5. Examination and Evaluation process

*The evaluation of students' performance is a central task of College administration. A brief report on examination and evaluation process for UG, PG and Ph.D. be given separately mentioning external/internal components. System of evaluation should clearly be mentioned for UG, PG and Ph.D.*

#### Undergraduate Examination System

The examination system has combination of 50% internal and 50% external components. The weightage to theory and practical classes to be in the same proportion as theory and practical credits allotted to different courses. Total marks obtained for a course for practical and theory examination added and converted into percentage for working out the grade point.

#### Question Pattern

For theory examination (both mid-term and end-term examinations), the question paper consists of 40% objective, 30% short answer type and 30% descriptive (long answer type) questions.

#### Question Setting

- (i) The internal examiner, for the mid-term theory examination, submits two sets of questions covering 50% of the syllabus of the course at least 5 days before the commencement of examination to the Dean through the Head of the Department.
- (ii) The external question paper setter submits two independent sets of question papers for the end term theory examination covering the full course as per the syllabus at least 30 days before the commencement of the examination.

#### Grade Point

Ten point grading system being adopted with minimum Grade Point Average (GPA) of 5.00 for passing a subject and overall Grade Point Average (OGPA) of 6.00 for obtaining a degree.

Marks secured by students in a course in theory and practical are multiplied by number of theory credit(s) and practical credit(s) of the course respectively and added together. This sum then is divided by the total credits (Theory + Practical) of the said course to get percentage of marks, which is divided by 10 to obtain Grade Point (GP). Time and date for Quiz (continuous evaluation) are fixed by the course instructor during the regular class of the course, except one unannounced quiz. The mid-term theory, end term theory and practical examination are fixed by the Dean/ Registrar.

**The duration of Examination are as follows:**

- i. Mid Term theory Examination - 1.00 Hours
- ii. End Term theory Examination - 2.30 Hours
- iii. End Term Practical Examination - 3.00 hours

**Evaluation Process**

The answer books of the mid-term examination are evaluated by the course teacher (internal examiner) and marks obtained are then sent to the Dean of the College through the Head of the Department within 15 days of conduct of the examination. The answer books of the quizzes and mid-term examination are shown to the students, who return the same to the course teacher after signing. The answer books of the end-term theory examination are evaluated by the external examiners after the final practical examinations. The external examiners submit the answer books after evaluation to the Dean's Office along with the mark list of both theory and practical examinations. External Examiner ensures that all the answers in the answer book are evaluated and the allotted marks are counted. The answer books of both end-term theory and practical examinations are not be returned to the students and preserved by the Dean for one year from the date of declaration of the results.

**Postgraduate Examination System**

The Academic performance of a PG student is assessed through theory and practical examinations conducted during an Academic Session. The examination system is a combination of 50% internal and 50% external components. An examination schedule is issued by the office of the Director (Education)/ Registrar before the start of each semester.

The weightage to theory and practical examinations are in the same proportion as the theory and practical credits allotted to different courses at undergraduate level. Total marks obtained for a course for practical and theory examination is added and converted into percentage for working out the grade point. Grade Point: Ten point grading system is adopted with minimum Grade Point Average (GPA) of 6.00 for passing a subject and overall Grade Point Average (OGPA) of 6.50 for obtaining a degree.

**Conduct of Examinations**

Both mid-term and end-term examinations are conducted centrally and are notified by the Registrar. The concerned course teacher conducts the quizzes for different courses. The dates/period of each examination, except quizzes, are as per the Academic/ Semester calendar notified by the Registrar. Ordinarily, there should not be any deviation in the dates/period of examination specified in the Academic / Semester Calendar.

**Evaluation of answer books**

The answer books of the mid-term examination are evaluated by the course teacher (internal examiner) and marks obtained are sent to the Registrar through the Head of the Department and Dean within 15 days of conduct of the examination. The answer books of the quizzes and mid-term examination are shown to the students, who returns the same to the course teacher after signing the same.

## **Comprehensive Qualifying Examinations**

Comprehensive qualifying examination (written and oral) is allowed after completion of 75% coursework for major and minor, separately by the candidate as follows:

### **Masters' Programme**

Major subject -	One Paper
Minor subject -	One Paper
Paper setting -	Internal
Evaluation -	External
Qualifying marks -	60%
Grading -	Satisfactory/Unsatisfactory

### **Thesis Research**

#### **Masters' Programme**

- i) Evaluation - External (One examiner)
- ii) Viva Voce - By Advisory Committee
- iii) Assessment - Satisfactory/Unsatisfactory

#### **Evaluation of seminar**

The student presents the credit seminar before the audience comprising Head of Department, Advisory Committee members, teaching staff. The performance of the student in the seminar is evaluated by the Course In-charge based on the following norms:

- i. Coverage of literature on the aspects of topic & Submission of write-up - 25
- ii. ii) Mode of presentation - 25
- iii. iii) Use of audio visual aids - 25
- iv. iv) Ability to answer the questions - 25

## **Comprehensive Qualifying Written Examinations**

- a) A student has to pass the comprehensive qualifying examination, as a pre-requisite, for becoming a candidate eligible for the degree. This examination is meant to test the students' knowledge with comprehension in the concerned discipline. The comprehensive qualifying examination shall be held only after the student has successfully completed the major portion (75% at least) of the course work including all the core courses and on completion of minimum two semesters with a minimum OGPA of 7.0 out of 10.00.
- b) The qualifying examinations is conducted as per prescribed procedure outlined in the regulations of the University.
- c) A student scores a minimum of 60 per cent marks (separately in each paper) to qualify the Comprehensive Qualifying Examination.
- d) The Head of Department submits a panel of 5 names with detailed address to the Director (Education) for evaluation of the comprehensive qualifying written (major and minor) examination for Masters' degree. The Director (Education) also add up to two names for each examination and consolidate the list of all examiners for a semester and submits the same to the Vice Chancellor for the approval. The Vice Chancellor select three names from the panel. The panel is valid for that particular semester. The



Chairperson of the Advisory Committee submits the answer book along with the question papers to the Head of Department who forward it to the office of Director (Education) for evaluation by the external examiner. The marks obtained by the student is forwarded to the concerned Head of Department who passes on to the concerned Chairperson of the Advisory Committee.

- e) The Chairperson of the Advisory Committee is responsible for communicating the results of the examination through the concerned Head of Division and Dean to the Director (Education) in the prescribed form along with signature of all the members of the Advisory Committee.
- f) A student failing in one or more paper in the written examination (major and minor) is re-examined only in that/those paper(s) and the oral examination is held only after the written examination is successfully completed provided that there is not more than two months gap between the written examination and the oral examination.

#### **6.5.4.6. NCC/NSS/RVC Units**

*Clearly mention the existence and functioning of these units and how it is benefiting the student development. A brief report should be given (without photographs).*

#### **Students Involvement in NSS Programmes**

National Service Scheme (NSS) is a noble way of academic expansion. It aims at extending and transferring knowledge, sharing experience, which may ultimately lead to development of a community, society, state and country. Chandra Shekhar Azad University of Agriculture & Technology, Kanpur had introduced NSS as part of the curriculum in all undergraduate degree programmes with effect from the academic year 1994-95. Accordingly, the programmes was initiated in this college also with effect from 1995-96 by constituting on Advisory Committee headed by Dean as Chairman and Programme Officer as the member convener. Every year, students are enrolled for NSS as volunteers. The following activities were carried out during the period. Dr. Archana Singh, Department of Textile and Clothing has been working as a Programme Officer of NSS of the Maharani Avantibai College of Home Science.



**Glimpses of NSS Activities organized during 2015-16 to 2019-20**





**Glimpses of NSS Activities organized during 2015-16 to 2019-20**



**Glimpses of NSS Activities organized during 2015-16 to 2019-20**



**Special Camp of NSS**

### 6.5.4.7. Language Laboratory

*It is required of any student to have a good command of the language for communication purposes, with clarity and accuracy being vital for effective and efficient communication. What helps one to acquire such proficiency in a language is the process and the method of learning that language. Mention which of these type of Conventional, Lingua Phone, Computer Assisted Language Laboratory and Multimedia Hi-Tech Language Laboratory are being used for language teaching in the college.*

There is centralized language laboratory having set of computer equipped with hardware & software to teach the students about the phonetics, grammar, pronunciation. So that students from rural back ground and having had Hindi medium of schooling can be brought at par with CBSE taught students to present their skill & knowledge before any interviewing committee fluently.

### 6.5.4.8. Cultural Centre

*Does the college has cultural center to empower student leaders to explore, celebrate, and educate the campus community about the diversity among them? Does the college offers an inclusive and reflective space, multicultural programming, and support services that encourage positive interaction, academic persistence, and growth among students, faculty, and staff ?*

The students are provided an opportunity to develop their personality through different cultural activities in the college premises under the leadership of cultural secretary. College has also got a unit of Students' conduct time to time cultural activities in the centre in addition to tech-fest, quiz competition, essay writing; etc.

#### Participation in University cultural activities

Events	No. of students participated				
	2015-16	2016-17	2017-18	2018-19	2019-20
Patriotic Song, Quiz, Debate, Elocution, Rangoli, Extempore, Mime Skit, Dance (Folk), Clay	45	73	69	57	71

modelling, Cartooning, Mono acting, One act play, Poster making, On spot painting, Light vocal					
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### Glimpses of Cultural Activities



### Glimpses of Cultural Activities

#### 6.4.5.9. Personality Development

*Personality development programme is aimed at increasing employability of the students. Whether the college has provisions for inclusion of functional grammar in Standard English, speaking skills, reasoning, group discussions interview skills, personal interviews, quantitative ability, verbal ability, mock tests and some special sessions to promote the personality development in the students?*

Personality development has become an indispensable part for academic growth of youth for exploring the best in their future endeavours. Looking in to their future prospects, personality development programmes along with regular academic activity have been conducted to groom them for group discussions, interview skills, mock tests, personal interviews etc.

There is provision in the syllabus itself like general proficiency which covers all aspect like spoken English, grammar, speaking skill etc. In addition to this time to time quiz, debate on emerging topics, drama and cultural activities are also organized to improve the personality of the students.

#### 6.5.5. Physical Facilities

##### 6.5.5.1. Hostels

*Clearly mention the number of hostels available for the College students for boys and girls, separately with its total capacity, students per room accommodated in each hostel, mess facility, drinking water, indoor games specially for girls, cleaning of hostel premises, transport facility, emergency medical facility etc.*

There are four girls hostels namely Sarojani Naidu, Jhalkari Bai, Godavari and Shramjivi in the college campus for UG, PG and Ph.D. girl students of the university. The number of rooms and capacity is given as under:

**No. of rooms and occupancy capacity of hostels**

S.No.	Name of the Hostel	Programme	No. of Rooms	Occupancy capacity
1	Sarojini Naidu	UG	50	100
2	Jhalkari Bai	UG	21	42
3	Godavari	PG	66	66
4	Shramjivi	Ph.D.	15	30

Mess facility is available for students. Warden of each hostel and chief warden strictly monitor/maintain the hostel disciplines. Drinking water facility with RO plant is available in each hostel. Emergency medical facilities are available at university level with an ambulance van. In the hostels, No. of indoor games are available for students.

**6.5.5.2 Examination hall**

*Mention the availability of number of examination halls.*

The college has one examination hall for conducting various examinations of UG and PG programme.



**6.5.5.3. Sports and Recreation Facilities**

*Clearly mention the number of indoor and outdoor sports facilities available for the College students. A brief note on day to day management and use of these facilities shall be provided in the report.*

The sports and recreation facilities of the University are being utilized by the students of Maharani Avantibai College of Home Science.

#### **6.5.5.4. Auditorium**

*Does the college has auditorium? Mention its year of construction, sitting capacity and how frequently being used for the College functions.*

To organize cultural events university has auditorium which is utilized by the students of Maharani Avantibai College of Home Science.

#### **6.5.5.5. Exhibition Hall/ Museum**

*Does the college have the Exhibition Hall/Museum? Mention about its use and special events being conducted in these units.*

The Exhibition hall and museum of the university is utilized for the purpose.

### **6.5.6. Research Facilities**

#### **6.5.6.1. Postgraduate Laboratories and Equipment**

*Clearly mention the department wise PG laboratories and equipment housed in individual laboratory in the Colleges along with any other research unit.*

#### **Postgraduate Laboratories and equipment**

S.N.	Departments	Facilities/equipments
1.	Extension Education and Communication Management	Computer, Printer, Scanner, Coloured Printer, Laptop, TV, Projector, Solar lights, Packing machine and Roti maker
2.	Food Science & Nutrition Department	Weighing balance max. 200 g, Weighning balance digital 0.1mg to 200g, Weighning balance (physical), Magnetic stirrer, Photo colorimeter, Digital spectrophotometer, Muffle furnace, Innoculation chamber, Water bath, Digital colony counter, Steam jacket Auto clave, Microscope, Centrifuge, Distillation Unit, Mantle Heater, Kjeldhal Digestion apparatus, Wet grinder, Hot air Oven, Shaker, Incubater, Bod Incublator, Pipette Washer
3.	Textile and Clothing Department	Bursting strength tester, Tensile strength tester, Perspirometer, Launder-o-meter, Stiffness tester, Fabric thikness gauze, Foot operated sewing machine, Fashion maker, Hand operated sewing machines, Ironing boards Mannequins, Dyeing machine, Water refrellancy tester, Yarn twist tester, Projection microscope
4.	Family Resource and Management	Oven, Oven Toaster Griller, O.TGS 1930, Over head Projector, Micro Grill MC2143CB, Vacuum Cleaner, Exercise Gym Cycle, Washing machine, Refrigerator, Cooking range and Mixer
5.	Human Development and families studies	Creative thinking, scale of reading writing skill for pre-primary school children, alexander pass along performance test of intelligence, Wechsler's adult intelligence scale performance scale, lock design test, thematic appreciation test (TAT), draw a man test, colored progressive matrices, cultural fair intelligence

	test, mental ability test, the rorschach method of personality diagnosis, R.W.S. test for pre-primary children, differential aptitude tests form lh (indian adaptation), guidelines and norms for seguin form board test, bhatia's battery of performance test, wechsler's adult performance intelligence scale, wechsler's intelligence scale for children, stanford binet intelligence, developmental assessment scaled for indian infants (das ii), social competence scale, social maturity scale, case study proforma, parental attitude scale towards pre-school education, socio economic scale and prolonged deprovalation scale are used to measure the various human development scale. Humpty Dumpty, Cycle, Plastic Tub (Big & Small), Car, Slide with Tunnel & Hut, Soft Ball (full packet), Wooden Boat, Plastic Roaker, Slide (Small), Sea Saw, Doll Play house (Open), Hut shape balloon house, Blocks, Music system, Basket ball, Puppets stage Wooden, Height measuring rod, Weighing scale, Essal board, Marry go round, Sand pit (Tortoise).
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### 6.5.6.2. Research Contingency

*A note on amount of research contingency for each department shall be provided. Whether it meets the students' demand?*

The contingency requirement is made through students fee realized at time of registration though some contingency amount is released by the government but that is not sufficient.

#### Research Projects under taken by faculty

SN	Principal Investigator/Faculty	Name of the Research/ Extension Project	Duration	Funding Agency	Amount (Rs. in lakh)
1.	Dr. Seema Sonkar Associate Professor	Utilization of Indigenous Foods for the Development of Functional Foods to Combat Micronutrients Deficiencies	2014-17	UPCAR, Lucknow	7.90
2.	Dr. Seema Sonkar Associate Professor	Nutri Farm	2013-17	RKVY Dept. of Agri. Govt. of UP	100.00
3.	Dr. Seema Sonkar Associate Professor (CO-PI)	CAAST-NC, ICAR (Post harvest & biofortification)	2018-21	ICAR, New Delhi	49.89
3.	Dr. Vinita Singh, Associate Professor	Role of Women in Food Security to Safe Guard Agricultural Productivity	2014-17	UPCAR, Lucknow	15.00

### 6.5.7. Outcome/output

#### 6.5.7.1. Student performance in National Examination



Provide detailed information in tabular form about student performance in JRF/ SRF/ NET/ ARS/and other national examinations for last five years. Only those students receiving fellowships should be mentioned here.

### Student performance in National Examination

#### List of UGC/NET qualified students:

S.N.	Name	ID No.	Name of Examination	Department	Year
1	Jyoti Kharush	CH-1591/12	UGC-NET	HDFS	2016
	Pratima	CH-1683/13	UGC-NET	HDFS	2016
	Rimpi Pandey	CH-1746/14	UGC-NET	TCL	2017
	Ankita Yadav	CH-1748/14	UGC-NET	TCL	2017
	Neetu Singh	CH-1760/14	UGC-NET	TCL	2017
	Neha Singh	CH-1812/15	UGC-NET	TCL	2017
	Rama Nishad	CH-1593/12	UGC-NET	HDFS	2017
	Supriya Yadav	CH-1809/15	ICAR-NET	HDFS	2017
	Pragati Yadav	CH-1860/16	UGC-NET	FSN	2018
	Prachi Patel	CH-1915/17	UGC-NET	ECM	2019

#### 6.5.7.2. Students placement profile

Provide detailed information in tabular form about student performance in ARS/and other national examinations/State level examinations or equivalent. Year wise placement profile shall be provided.

S.N.	Student Name	Placement place	Year of placement
1.	Rama Nishad	Lecturer in Awadh University (self finance colleges)	2015
2.	Jyoti Kaursh	lecturer in Awadh University	2015
3.	Shashi Malika	BTC, Primary Teacher U.P. Govt.	2015
4.	Palak Srivastava	Dietetion Furtune Hospital	2016
5.	Suman	Lecturer at Bundelkhand University	2016
6.	Priyanshi	Tarun Textiles, Fazalganj Kanpur	2016
7.	Anchal Singh	College of H.Sc. Bihar	2017
8.	Mani Tripathi	Delhi University College of H.Sc.	2017
9.	Shilpi	Tarun Textiles, Fazalganj Kanpur	2017
10.	Neha Singh	Aisx Bank	2017
11.	Supriya yadav	Higher studies at SHUATS,Allahabad	2017
12.	Sony Yadav	Aisx Bank	2018
13.	Anju	S.R.F., CAAST- NC in CSAU&T Kanpur	2019
14.	Pratima Prasad	TGT Teacher in Banda	2019

#### 6.5.7.3. Awards / Recognitions/Certificates:

Provide information on awards/recognitions/certificates in tabular form for last five years separately for students and faculty.

S. N.	Name and Designation	Award/Honour/ Recognition
1.	Dr. Neelma Kunwar, Professor	1. Member of Peer Review Team (PRT) by the Indian Council of Agricultural Research (ICAR) for Basundhara Marathwada Krishi Vidhyapeeth Parbhani, Maharashtra, 2018. 2. Expert in Home Science for post of Professor, Associate and Assistant at Ptd. Deen Dayal Upadhyay University, Gorakhpur, G.B. Pant

		<p>University of Agriculture &amp; Technology, Pantnagar, Uttarakhand and CSJM University, Kanpur, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, Hemvati Nandan Bahuguna Garhwal University, Nainital.</p> <ol style="list-style-type: none"> <li>3. Expert in the Home Science Discipline for Lok Seva Ayog, Allahabad and Uttarakhand since last five years.</li> <li>4. Expert in UGC SAP project (2014-17) in the state of Tamil Nadu.</li> <li>5. Delivered the key note/lead paper “Role of women in Environment Security in India” held on 26-30 Nov. 2017 at Malaysia in Global meet on Science and Technology sponsored by Society for Recent Development in Agriculture.</li> <li>6. Delivered the Key note/lead paper “Role of women in food security in India held on 27-29 May, 2019 at Kathmandu, Nepal in International Conference of Food Security Tribhuvan University, Nepal.</li> <li>7. Received Presidential Appreciation Award 2015 for outstanding work done in the field of Teaching/Research/Extension during International Conference at Indian Society of Genetics, Biotechnology Research and Development, Agra Feb. 18-20, 2015.</li> <li>8. Received Distinguished Faculty Award Specialization-Home Science of the Faculty Award-VIFA-2016 09 June, 2016 at Venus International Faculty Award Chennai.</li> <li>9. Received Smt. Revati Singh Memorial Award 2017 at Kuala-Lumpur, Malaysia for outstanding work in the field of Home Science during the Global Meet on Science and Technology for ensuring quality life, sponsored by Recent Development in Agriculture Society held at 26 – 30 Nov., 2017.</li> <li>10. Received ASDF Global Award of Best Academic Dean on 30 Dec. 2017 at Goa.</li> <li>11. Received Bharat Jyoti Puruskar for outstanding work in the field of Home Science for the year 2018 at New Delhi sponsored by Best Citizen Publishing House, New Delhi.</li> <li>12. Received Honorary Fellowship Award 2018 at Bali Indonesia sponsored by Society for Recent Development in Agriculture.</li> <li>13. Received Presidential Award 2018 for outstanding contribution and recognition in the field of Home Science on occasion of World Congress on Biotechnology and Health Care 12-14 Nov., 2018 at Pharmacy College of Girls, Dubai sponsored by Indian Society of Genetic Biotechnology Research &amp; Development.</li> <li>14. Received Eminent Professor Scientists Award 2018 for outstanding contribution and recognition in the field of Home Science held on 26-28 Nov. at University Patra Malasiya Kualalampur sponsored by Indian Society of Genetics, Biotechnology Research and Development.</li> <li>15. Received Award of Outstanding Achievement Honour in International Conference on Food Security through Agriculture &amp; Allied Science FAAS (2019) held on 27-29 May at Tribhuvan University Kathmandu Nepal sponsored by Society for Agriculture Innovations Development Ranchi.</li> </ol>
2.	Dr. Mukta	<ol style="list-style-type: none"> <li>1. Mukta Garg receive Certificate of Appreciation by Dean Maharani</li> </ol>

	Garg, Associate Professor	<p>Avantibai College of Home Science for outstanding work as NSS Programme Officer Unit III during the year 2015</p> <ol style="list-style-type: none"> <li>Mukta Garg receive Bharat Vikas award by Institute of Self Reliance Bhubaneswar in the year 2016</li> <li>Mukta Garg, received NSS Azad Seva Puruskar 2017, CSAU ni of Agri and Technology for her excellent services in National Service Scheme</li> <li>Mukta Garg, awarded Best Poster presentation in Uttan Agripen-2019 National Conclave on Empowering Rural Women through Agripreneurship and Innovative Farm Technologies, held on March 6<sup>th</sup>-8<sup>th</sup>, 2019 at C.S.A. Uni. of Agri &amp; Tech Kanpur</li> <li>Mukta Garg, received Distinguished Scientist Award -2019 for outstanding contribution in Human Development and Family Studies by Society for World Environment, Food and Technology, New Delhi during 2<sup>nd</sup> National Conference Technology in Emerging Aspects in Agriculture and Community Science held on 7-8 february,2020 at International Buddhist Research Institute, Lucknow</li> </ol>
3.	Dr. Mithilesh Verma, Associate Professor	<ol style="list-style-type: none"> <li>The executive Council of the Society of Agricultural Professionals feel pleasure to confer Certificate of Honour-2015 C.S.A. Kanpur.</li> <li>Rastriya Gaurav Award for Meritorious Services, outstanding performance and remarkable role by Dr. Bhimsha Narain Singh former Governor of Tamilnadu and Assam at the Seminar of Economic Growth and National Integration at New Delhi on 9th June 2016 (International Friendship Society).</li> <li>Mother Teresa Excellence Award, 27 May, 2017 at a Seminar on Economic Growth &amp; National Integration At New Delhi, India International Friendship Society.</li> <li>Outstanding Scientist Award IJTA, 5th International Conference on Agriculture, Horticulture and Plant Science, Anandam Resort Laxman Jhula Road, Tapovan, Rishikesh (U.K.), June 24th – 25th 2017, organized by International Journal of Agriculture and Serials Publications Pvt. Ltd., New Delhi.</li> <li>Kunwar Saxena Bahadur SRDA Award, The Executive Committee Confers, Home Science on the occasion of Global meet on Science and Technology for Ensuring Quality Life (GMST-2017), held during 26-30 Nov.2017 at Kuala Lumpur, Malaysia.</li> <li>Best Teacher Award, Ex Nayi Rah Foundation (ENRF), Etawah (UP), India, for outstanding contribution in the field of Extension Education and Communication Management, during 28-29 April, 2018, held at Jawaharlal Nehru University (JNU) Convention Centre, New Delhi.</li> <li>Best Teacher Award, National Conference on Recent Trends and New Frontiers in Biotechnology Agriculture, Science and Environment during 22-23 Feb., 2020, organized by Academy for Environment and Life Sciences, Agra Department of Botany, St. John's College, Agra.</li> </ol>
4.	Dr. Seema Sonkar Associate Professor	<ol style="list-style-type: none"> <li>Young scientist award of Society for scientific development in agricultural and technology during 2016.</li> <li>Fellowship of the Indian society of agricultural biochemists for the contribution in the field of Food Science &amp; Nutrition during 2016.</li> <li>Received Certificate of Felicitation for Excellence contribution during 9<sup>th</sup> IFSDAA International Seminar on Sustainable Intensification of Agriculture through Resource Management and Conservation held at</li> </ol>

		<p>Germany, 7-9, July, 2017.</p> <ol style="list-style-type: none"> <li>4. First poster award for excellent presentation in conference entitled “Farmers’ Centric Agri- Innovation for Sustainable Development organized by C.S.A. University of AG and Tech Kanpur, during 24-25 March, 2017.</li> <li>5. Teaching award by Astha foundation during 2018.</li> <li>6. Recognition certificate for her contribution for moderating the session in international conference on agriculture engineering and food security.</li> <li>7. Dr. Seema Sonkar received Vice Chancellor Excellence award, C.S.A. University of Agriculture and Technology, Kanpur during 2018 for research publication.</li> <li>8. Utthan Agripren-2019 at C.S.A. University of Agriculture and Tech. Kanpur at 6<sup>th</sup> March 2019.</li> <li>9. Best Oral paper presentation award in Indo Polish Workshop on “ Crop Improvement” held at Jagan Nath University, Bahadurgarh, Haryana during 4<sup>th</sup> Nov, 2019.</li> <li>10. Vice chancellor Appreciation award C.S.A. University of Agriculture and Tech. Kanpur for Capacity Building Programme 26<sup>th</sup> January 2020.</li> <li>11. Women Scientist Award by during by Astha Foundation on the occasion of International conference on innovative and current advances in agriculture&amp; allied science (ICAAS-2020) at Thailand during 27 Jan-1 Feb-2020</li> <li>12. Perficio Award of the year -2020 by DHS Foundation and Campbell University USA, 12 July -2020 for research and innovation.</li> </ol>
5.	Dr. Vinita Singh, Associate Professor	<ol style="list-style-type: none"> <li>1. Eminent Scientist Award for research in the International Conference on ‘New Challenges in Biotechnology and Molecular Biology in the Context of 21<sup>st</sup> Century (NCBMBCC), held at ST.JOHN’S COLLEGE, Agra (U.P). 27-29 FEB 2016.</li> <li>2. Fellow of the Indian Society of Agricultural Biochemists at C.S.A University Kanpur. , December 06, 2016.</li> <li>3. Scientist of the year Award in the field of Research/Extension and rural development for sustainable Agriculture and all round welfare of rural community held at Agra, June 11-12, 2016.</li> <li>4. Reviewer Excellence Award as reviewer of Indian Journal of Animal Research and Asian Journal of Dairy and Food Research on 17 November 2016.</li> <li>5. Awarded first prize in poster competition in National Conference Farmers Centric Agri innovation for Sustainable Development on 24-25 March 2017 at C.S.A University Kanpur.</li> <li>6. Fellowship Award-2017 for outstanding contribution and recognition in the field of Home Science on the occasion of Global Meet on science and technology for ensuring quality life (GMST-2017) held during 26-30 Nov.2017</li> <li>7. Awarded Third prize in poster competition in National Conference on Plant health Management for Eco friendly and Sustainable Agriculture-IPSMEZCON 2019 at C.S.A University Kanpur.</li> <li>8. Awarded Third prize in poster competition in National Conference on Empowering Rural Women through Agripreneurship and Innovative</li> </ol>

		<p>Farm Technologies from 6 to 8 March, 2019 at C.S.A University Kanpur</p> <p>9. Awarded Third best Oral Presentation Award for her paper entitled “Nutritional evaluation of germinated wheat flour (triticum Aestivum L.) Products fortified with pumpkin seeds and beet green powder as immunity booster for Covid-19 in National pandemic: Experience Sharing and Strategies at C.S.A University Kanpur, 6-8 May 2020.</p> <p>10. Awarded First best Oral Presentation Award for her paper entitled “Development and qualitative estimation of value added chia seed (Salvia hispanica) Products” in National Web-Conference 2020 on management of resources for improvement of productivity, biodiversity and livelihood security at C.S.A University Kanpur, 29-30 July 2020.</p>
6.	Dr. Archana Singh, Associate Professor	<p>1. Second prize for poster presentation entitled “Sweet Lime Peel : A potential organic mosquito repellent” by Archana Singh, Apoorva Gupta and Rimpi Pandey in 3<sup>rd</sup> Uttar Pradesh Agricultural Science Congress held at SHIATS in Allahabad from June14 -16,2015.</p> <p>2. Third prize for poster presentation entitled Designing Macramé Jewelry: A creative oppurtunity” by Garima Singh, Archana Singh, and Tara devi in 4th Uttar Pradesh Agricultural Science Congress held at CSAUA&amp;T in Kanpur from March 2 -4,2016.</p> <p>3. “Certificate of Appreciation” as a cultural counselor for excellent contribution in successfully organizing University level Cultural Competition ( Literary Events) held on 28/9/16.</p> <p>4. “Certificate of Appreciation” as a cultural counselor for excellent contribution in successfully organizing University level Competitions on the occasion of Agriculture Education Day, held on 3<sup>rd</sup> Dec. 2017.</p> <p>5. Second prize for poster presentation entitled “Enrichment of Cotton Sarees with Abstract Motif” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25,2017 at C.S.A. Univ. of Agril. &amp; Tech., Kanpur.</p> <p>6. Third prize for poster presentation entitled “Embellishment of Kurties: An Alternative for Women Entrepreneurs” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25,2017 at C.S.A. Univ. of Agril. &amp; Tech., Kanpur.</p> <p>7. “Certificate of Appreciation” for successful organizing the national conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25,2017 at C.S.A. Univ. of Agril. &amp; Tech., Kanpur.</p> <p>8. “Certificate of Appreciation” for successful organizing the national conference on Organic Farming for Sustainable Agriculture and Livelihood Security under Changing Climatic Condition” held at CSAUA&amp;T Kanpur from 12<sup>th</sup> -13<sup>th</sup> Dec., 2017.</p> <p>9. Consolation prize for poster presentation entitled “Enrichment of Cotton Sarees with Abstract Motif” in National Conference on “Farmer’s centric Agri-Innovations for Sustainable Development” held during March 24-25, 2017 at C.S.A. Univ. of Agril. &amp; Tech., Kanpur.</p> <p>10. Third prize for poster presentation entitled “Banana Handicrafts: Ways of Empowering Rural Women” in National Conclave on “Empowering Rural Women through Agriprenurship and Innovative Farm Technologies” held during March 6-8,2019 at C.S.A.Univ. of Agril. &amp; Tech., Kanpur.</p>

		<p>11. Consolation prize for poster presentation entitled “Natural Dye on Banana Blended Fabric- A sustainable Way” in National Conference on “Plant Health Management for Eco-friendly and Sustainable Agriculture” held during Nov.25-26, 2019 at C.S.A. Univ. of Agril. &amp; Tech., Kanpur.</p> <p>12. “Certificate of Appreciation” for successful organizing the 4<sup>th</sup>National Brassica Conference on “Innovative Approaches in Oilseed Brassica towards Self Sufficiency” held at CSAUA&amp;T in Kanpur from 1<sup>st</sup> -3<sup>rd</sup> Feb., 2019.</p>
7.	Dr. Ritu Pandey, Assistant Professor	<p>1. Adjudged outstanding participant in a short course on Value Addition in Jute &amp; Allied Fibers through Product Diversification &amp; Waste Utilization (15-09-2016 to 05-10-2016) NIRJAFT, ICAR, Kolkata.</p> <p>2. Certificate of Excellence for two consecutive year (2018-2019) for publishing research papers in journals having above 6 NAAS rating including paper on natural dyes published in journal with 12.72 NAAS rating</p>
8.	Dr. Sangeeta Gupta, Assistant Professor	<p>1. "Adarsh Vidhya Saraswati Rastriya Award" in Excellence for outstanding contribution in the field of education research, innovative practices in teaching, Feb. 2, 2017 from Global Management Council, Gujrat.</p> <p>2. Best Poster Presentation Award in International Conference on Sustainability of Small holder Agriculture in Developing Countries under changing Climate Scenario held on 14-17 Feb., 2018 organized by the Society of Agricultural Professionals, CSAUA&amp;T, Kanpur.</p> <p>3. Received International Women Empowerment Award 2019 from International American Council for Research &amp; Development (IACRD), United States of America faculty Awards 2019, held on 30<sup>th</sup> June 2019 Perambalur, Tamilnadu.</p>

### Awards/Medals received by the Students’s during (2015-2019)

Year	Medals	Name	ID.	Discipline
2015	Chancellor's Gold Medals	Jaya Singh	CH-1503/11	B.Sc. (Home Science)
2015	Chancellor's Silver Medals	Basundhara	CH-1514/11	B.Sc. (Home Science)
2015	Chancellor's Bronze Medals	Preeti Suman	CH-1558/11	B.Sc. (Home Science)
2015	Chancellor's Gold Medals	Km. Shalini Pandey	CH-1671/13	M.Sc. (Home Science)
2015	University Book Prize Medals	Km. Shalini Pandey	CH-1671/13	M.Sc. (Home Science) Ext. Edu. & Comm.Mgt.
2015	University Silver Medals	Km. Kavita	CH-1674/13	M.Sc. (Home Science)
2015	University Book Prize Medals	Deepika Sachan	CH-1677/13	M.Sc. (Home Science) FRM
2015	University Book Prize Medals	Tanusree Saha	CH-1682/13	M.Sc. (Home Science) Food Sci. & Nutrition
2015	University Bronze Medals	Km. Pratima	CH-1683/13	M.Sc. (Home Science)
2015	University Book Prize Medals	Km. Pratima	CH-1683/13	M.Sc. (Home Science) Human Development
2015	University Book Prize Medals	Deehsa Patel	CH-1685/13	M.Sc. (Home Science) Textile
2016	Chancellor's Silver Medals	Anjali Maurya	CH-1605/12	B.Sc. (Home Science)
2016	University Silver Medals	Anjali Maurya	CH-1605/12	B.Sc. (Hons.) Home Sci.
2016	Chancellor's Bronze Medals	Savita	CH-1616/12	B.Sc. (Home Science)
2016	Chancellor's Gold Medals	Pragati Yadav	CH-1619/12	B.Sc. (Home Science)
2016	University Bronze Medals	Karle Snehal Anand	CH-1736/14	M.Sc. (Home Science)
2016	University Book Prize Medals	Karle Snehal Anand	CH-1736/14	M.Sc. (Home Science)

2016	University Book Prize Medals	Sonam Kumari	CH-1740/14	M.Sc. (Home Science) FRM
2016	Chancellor's Gold Medals	Pushpendra Kumar	CH-1741/14	M.Sc. (Home Science)
2016	University Book Prize Medals	Pushpendra Kumar	CH-1741/14	M.Sc. (Home Science)
2016	University Silver Medals	Ranee Devi	CH-1742/14	M.Sc. (Home Science)
2016	University Book Prize Medals	Ankita Yadav	CH-1748/14	M.Sc. (Home Science)Textile & Clothing
2017	University Silver Medals	Basundhara	CH-1514/11	B.Sc. (Home Science)
2017	Chancellor's Silver Medals	Prachi Patel	CH-1650/13	B.Sc. (Home Science)
2017	University Silver Medals	Prachi Patel	CH-1650/13	B.Sc. (Home Science)
2017	Chancellor's Gold Medals	Anuradha Pandey	CH-1661/13	B.Sc. (Home Science)
2017	Chancellor's Gold Medals	Anuradha Pandey	CH-1661/13	B.Sc. (Home Science)
2017	Chancellor's Bronze Medals	Pratishtha Verma	CH-1662/13	B.Sc. (Home Science)
2017	University Book Prize Medals	Basundhara	CH-1792/15	M.Sc. (H.Sc.)Ext. Edu.& Comm. Mgmt
2017	Chancellor's Gold Medals	Neha Singh	CH-1812/15	M.Sc. (Home Science)Textile & Clothing
2017	University Book Prize Medals	Neha Singh	CH-1812/15	M.Sc. (Home Science)Textile & Clothing
2017	University Bronze Medals	Anvesha Sahoo	CH-1817/15	M.Sc. (Home Science) Food Sci. & Nutrition
2017	University Book Prize Medals	Anvesha Sahoo	CH-1817/15	M.Sc. (Home Science) Food Sci. & Nutrition
2018	Chancellor's Gold Medals 2018	Shikha Singh	CH-1693/14	B.Sc.(Hons.)Home Science
2018	University Book SilverMedals 2018	Shatakshi Singh	CH-1699/14	B.Sc.(Hons.)Home Science
2018	University Book Bronze Medals 2018	Mansi Agnihotri	CH-1702/14	B.Sc.(Hons.)Home Science
2018	Chancellor's Gold Medals 2018	Archan Singh	CH-1867/16	M.Sc.(Home Science) Ext.Edu.& Comm.Mangt.
2018	University Book Medals 2018	Archan Singh	CH-1867/16	M.Sc. (Home Science) Ext.Edu.& Comm.Mangt.
2018	University Book Bronze Medals 2018	Neha Kanojia	CH-1868/16	M.Sc.(Home Science) Ext.Edu.& Comm.Mangt.
2018	University Book SilverMedals 2018	Pragati Yadav	CH-1870/16	M.Sc.(Home Science) Food Science & Nutrition
2018	University Book Medals 2018	Pragati Yadav	CH-1870/16	M.Sc.(Home Science)Food Science & Nutrition
2018	University Book Medals 2018	Priyanka Chaudhary	CH-1872/16	M.Sc.(Home Science)Textile & Clothing
2019	University Book Bronze Medals 2019	Shivangee Singh	CH-1776/15	B.Sc.(Hons.)Home Science
2019	Chancellor's Gold Medals 2019	Vartika Srivastava	CH-1782/15	B.Sc.(Hons.)Home Science
2019	University Book SilverMedals 2019	Diksha Patel	CH-1789/15	B.Sc.(Hons.) Home Science
2019	University Book Bronze Medals 2019	Pooja Singh	CH-1909/17	M.Sc.(Home Science) Ext.Edu.& Comm.Mangt.
2019	University Book	Pooja Singh	CH-1909/17	M.Sc. (Home Science) Ext.Edu.& Comm.Mangt.
2019	Chancellor's Gold Medals 2019	Prachi Patel	CH-1915/17	M.Sc.(Home Science) Ext.Edu.& Comm.Mangt.
2019	University Book	Prachi Patel	CH-1915/17	M.Sc.(Home Science) Ext.Edu.& Comm.Mangt.
2019	University Book SilverMedals 2019	Divyanshi	CH-1918/17	M.Sc.(Home Science) Textile & Clothing
2019	University Book	Divyanshi	CH-1918/17	M.Sc.(Home Science) Textile & Clothing

### **Awards in games and extra curricular activities**

The students have been successful in many examinations and entrance tests such as JRF, National Eligibility Test, UGC, ICAR, Provincial Administrative Services, and Post Graduation Entrance Examination for G.B. Pant University, Banaras Hindu University, etc. Several of the pass-outs of the Faculty are working as Assistant Professors in Various degree colleges of Kanpur and the faculty itself has the honour of having the services of not less than four of its old students.

Girls Events		I <sup>st</sup> Position	II <sup>nd</sup> Position	III <sup>rd</sup> Position
100 meter	:	Anjali Yadav, I.D. No. CT 2716/17 (Etawah Campus)	Kanak Lata, I.D. No. CH-1959/17 (CSA Campus)	Ayushi Bajpai I.D.No. CH-1942/18 (CSA Campus)
200 meter	:	Tanya Verma I.D. No. CT 2954/19 (Etawah Campus)	Jyoti Verma I.D. No. (CSA Campus)	Mahima Yadav I.D. No. (CSA Campus)
400 meter	:	Tanya Verma I.D. No. CT 2954/19 (Etawah Campus)	Aastha I.D. No.CA 9931/16 (CSA Campus)	Km Pooja I.D. No.CH 1850/16 (CSA Campus)
800 meter	:	Ayushi Bajpai I.D. No. CH-1942/18 (CSA Campus)	Reeta I.D. No. CH-1970/19 (CSA Campus)	-
1500 meter	:	Kanak Lata, I.D. No. CH-1959/17 (CSA Campus)	Anjali I.D. No. (CSA Campus)	Reeta I.D.No. CH-1970/19 (CSA Campus)
4x100m Reley		Tanya Verma Shweta Pandey Areeba Tyagi Anjali Yadav College of Engineering	Vandna Yadav Aastha Verma Swapnil Singh Astha College of Agriculture	Anshika Yadav Mahima Yadav Kriti Dwivedi Pooja College of Community Science
Shot put	:	Divya Kaushik I.D. No. CH 1865/16 (CSA Campus)	Tusharika Sharma I.D. No. CH 1887/17 (CSA Campus)	Anjali Yadav I.D. No. CT 2716/17 (Etawah Campus)
Discuss	:	Nandani Chaudhary I.D. No. CT 2933/19 (Etawah Campus)	Areeba Tyagi I.D. No. CT 2811/18 (Etawah Campus)	Tusharika Sharma I.D.No. CH 1887/17 (CSA Campus)
Javelin		Medha Pandey I.D. No. CL 0100/16 (CSA Campus)	Areeba Tyagi I.D. No. CT 2811/18 (Etawah Campus)	Kirti Dwivedi I.D.No. CH 1883/16 (CSA Campus)
Long Jump		Anjali Yadav I.D. No. CT 2716/17 (Etawah Campus)	Anshika Yadav I.D. No. CH 1981/19 (CSA Campus)	Sweata Pandey I.D. No. CT 2810/18 (Etawah Campus)
High Jump	:	Swapnil Singh I.D.No. HR 0127/16 (CSA Campus)	Mahima Singh I.D. No. CT 2925/19 (Etawah Campus)	-

#### 6.5.7.4. Employability

*What are the set of achievements such as skills, understandings and personal attributes that make College students more likely to gain employment and be successful in their chosen occupations, which benefits themselves, the workforce, the community and the economy? Provide one page note on the subjects.*

Keeping in view the employability of would be Home Science; the ICAR through its Vth Deans' Committee Syllabus has already provisioned the mechanism to inculcate the



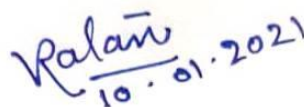
professionalism in the students by rigorous theory and practical knowledge by hands on training at different organizations / institutions / industry exposure. Students are also trained by the practical knowledge. Students are also given away project in the final year on the emerging products on demands in the market in the area of processing, agro-food processing. All above aspects keeps the students current & updated and more employable by the state govt. / central govt. or being becoming self entrepreneurs to serve the agrarian community and improve the socio-economic status of the farming community.

**6.5.8. SSR of the College must have the SSR of all its Degree Programmes (following Section 6.4), then the report of the Colleges shall be considered.**

**Yes**

**6.5.9. Certificate (Applicable when SSR is submitted for programmes & College)**

I, Professor (Dr.) Ved Ratan, the Dean, Maharani Avantibai College of Home Science hereby certify that the information contained in section 6.4 and Section 6.5.1 to 6.5.7.4 are furnished as per the records available in the college and degree awarding university.



**(Ved Ratan)**  
**Dean**

**6.5.10 Each College Shall Submit SSR as Mention in 6.5.8 it shall be pre requisite for the SSR of the Agricultural University**