

NINETEENTH ANNUAL REPORT
CENTRE OF ADVANCED FACULTY TRAINING
IN HOME SCIENCE
(APRIL 2013 – MARCH 2014)



Submitted by

DR.MAHALAKSHMI V.REDDY

DIRECTOR CAFT - HOME SCIENCE



POST GRADUATE & RESEARCH CENTRE
COLLEGE OF HOME SCIENCE
ACHARYA N.G. RANGA AGRICULTURAL UNIVERSITY
RAJENDRANAGAR : HYDERABAD – 500 030

**NINETEENTH ANNUAL REPORT OF
CENTRE OF ADVANCED FACULTY TRAINING
FOR THE YEAR 2013-2014**

1. Project Title : Centre of Advanced Faculty Training.
2. Sanction No. : Proc. No. 37735/H.Sc/A1/94,
dt. 22-9-95 of APAU
3. Report Period : April 2013 – March 2014.
Report No. : XIX
4. Date of Start : 02-11-1995
5. A) Name of Institute/Station : Acharya N.G. Ranga Agricultural University
Rajendranagar, Hyderabad.
- B) Division/Department/ : Centre of Advanced Faculty Training
Section Post Graduate & Research Centre,
College of Home Science,
Rajendranagar, Hyderabad – 500 030.
6. Technical Programme
- a) Technical Programme as approved for the scheme: Appendix – I (Enclosed)
- b) Technical Programme for the next plan period: Submitted for Approval in the year 2014-15 (Appendix II enclosed)

7. Technical Personnel employed (list of vacancies, if any)

Sanctioned Posts by ICAR: Post particulars	Posts filled	Posts to be filled
1. Steno-cum-Typist	ONE	--
2. AVA Operator	ONE	--

Technical staff employed:

Name with Designation	Date of Joining	Date of leaving
Research Associate* @ Rs.18,500/- Consolidated - Ms. D. Krishna Priya	16.09.2013	31.3.2014
Technical Person @ Rs 15,000/= Consolidated – Mrs B. Swetha	07.02.2014	31.3.2014
Computer Operator @ Rs 8500/- consolidated		
Mrs. Swaroopa	1.04.2013	4.10.2013
Mrs.Sunitha	5.10.2013	31.3.2014
AV Operator @Rs 6500/- Consolidated - Mr.Laxman	1.4.2012	31.3.2014

* Employed to develop documents for dissemination of CAFT information to till date and for developing CAFT – H.Sc Web portal and build students data for improving efficiency of faculty.

8. Total outlay : Rs. (1, 33, 69, 950.70)

- Rs. 4, 56,219-20 (1995-1996)
- Rs. 9, 61,192-20 (1996-1997)
- Rs. 12, 01,649-20 (1997-1998)
- Rs. 9, 10,103-40 (1998-1999)
- Rs. 4, 86,691-75 (1999-2000)
- Rs. 7, 03,771-30 (2000-2001)
- Rs. 5, 28,023-90 (2001-2002)
- Rs. 5, 14,463-75 (2002-2003)
- Rs. 6, 32,489-00 (2003-2004)
- Rs. 4, 75,996-00 (2004-2005)
- Rs. 6, 45,016-00 (2005-2006)
- Rs. 6, 79,644-00 (2006-2007)
- Rs. 5, 06,987-00 (2007-2008)
- Rs. 7, 77,737-00 (2008-2009)
- Rs. 4, 33,989-00 (2009-2010)
- Rs. 5, 26,084-00 (2010-2011)
- Rs. 10, 27,806-00 (2011-2012)
- Rs. 9,44,662-00 (2012-2013)
- Rs. 9,57,426-00 (2013-2014)

WORK PLAN PROPOSED BY THE CENTRE OF ADVANCED FACULTY TRAINING – HOME SCIENCE AND ACTION TAKEN REPORT

FOR THE YEAR 2013 – 14

College of Home Science, Post Graduate & Research Centre

Rajendranagar, Hyderabad - 500 030.

I. OBJECTIVES

- To serve as a national resource and training centre for faculty in the field of Home Science.
- To update the curriculum and courses of Home Science to strengthen teaching and evaluation at UG and PG level.
- To support the government in training personnel.
- To disseminate Home Science information to personnel of different sectors.

II. OUTPUTS/PROGRAMMES IMPLEMENTED DURING THE YEAR 2013-14

Objective 1

To serve as a national resource and training centre for faculty in the field of Home Science in State Agricultural Universities.

Action Plan

A. Short courses

CAFT - H.Sc had organized 21 days Training programme in priority areas of Home Science from 20th November to 10th December 2013 on the title “Advanced Techniques and Professional Management of Research in Home Science”.(Report in brief Pg 11 -37)

In addition, it had organized two more short-term courses to the faculty of Home Science

1. Three days Training on SAS Statistical package from 18th – 20th March 2014
2. One day workshop on Agricultural E-courses and OPAC (KOHA) by University Librarian on 26th March 2014

B. Allocation of Seats under PG Programme

Provision of seats in M. Sc. Home Science & Food Science Technology and also Ph. D. in Home Science to outside State candidates selected through a common test conducted by ICAR/ANGRAU and it admitted. (Report Pg - 38)

C. Research (Report in Pg 39 – 42)

Objective 2

To update the curriculum and courses of Home Science and strengthen teaching and evaluation, at UG and PG level. (Report in Pg 43- 47)

Action Plan

In addition to The New courses in UG curriculum was to strengthen of Nutrition and Dietetics programme is in progress and the revised curriculum will be implemented from 2009-10 admitted batch.

Objective 3

To support the Government in training personnel and in implementation and evaluation of Home Science programmes. (Report in Pg 47- 57)

Action Plan

Assessing and developing the training needs of the line departments (Women's Development & Child Welfare; Social & Tribal Welfare, Panchayat Raj & Rural Development) through meetings and group discussions. Home Science information through mass media (TV, Radio and Press) for awareness creation.

Objective 4 (Report in Pg 57- 72)

To disseminate Home Science information to personnel of different sectors.

Action Plan

- To bring out the quarterly issue of Home science News letter for circulation among the line departments and the organizations involved in Home science related programmes.
- Forth Coming Home Science News letters
- Two half yearly news letters will be coming up on latest topics which will be prepared by the staff of College of Home Science in their specialized areas.

III. EXPECTED OUTCOME BY THE END OF THE PLAN PERIOD

- Providing common resource material for teaching and evaluation of Home Science programmes at PG level.
- Faculty improvement in terms of teaching, research and extension.

- Strengthening Under-graduate & Post Graduate Education and Research in all disciplines of Home Science in other State Agricultural Universities.
- Building linkages with Government and NGO's & International organizations for strengthening Home Science Education

**ACTIVITIES CARRIED OUT UNDER THE
CENTRE OF ADVANCED FACULTY TRAINING – HOME SCIENCE**

From April 2013 to March 2014

INFRASTRUCTURE FACILITIES

I. Staff Recruitment

The posts of Steno-cum-typist and Projector Operator have been filled with the two temporary persons are being continued under the ICAR plan during the IX Five Year Plan and the X Five Year Plan vide F. No. 1(18)/95/CAS/HRD-II, dt. 17-09-1999 and 02-07-2001 of the ICAR.

Name with Designation	Date of Joining	Date of leaving
Research Associate* @ Rs.18,500/- Consolidated - Ms. D. Krishna Priya	16.09.2013	31.3.2014
Data Manager @ Rs 15,000/= Consolidated – Mrs. B. Swetha	7.2.2014	31.3.2014
Computer Operator @ Rs 8500/- consolidated		
Mrs. Swaroopa	1.04.2013	4.10.2013
Mrs.Sunitha	5.10.2013	31.3.2014
Attender @Rs 6500/- Consolidated Mr.Lakshman	1.4.2013	31.3.2014

* Employed to assist Director to create documents for dissemination of CAFT information and for developing CAFT – H.Sc News letter, Web portal and build students data for improving efficiency of faculty.

II. Civil Works :

The CAFT – H.Sc center has the following facilities.

- Seminar hall/Lecture hall*
- Conference hall
- Computer room
- Library room
- Office room

Class rooms
 Store room
 Equipment room/Laboratory
 Museum Hall
 Educational Technology Cell (ETC)

Special funds provided by ICAR was used for equipping the classroom with smart board, Audio Visual Equipments and replacement of worn-out flooring with vitrified flooring.

III. Books Purchased:

S.No	Books	Quantity
1	The Development of Children	1
2	Children's Play	1
3	Pre School Children with Special Needs	1
4	Assessment in Early Childhood Education	1
5	Observation and Participation in Early Childhood	1
6	Text Book of Mass Communication and Media	2
7	Handbook of Mass Communication	2
8	Practical Journalism: How To Write News	1
9	Building Drawing Built Environment	2
10	Housing & Space Management	2
11	Food Processing and Preservation Part 1-2 set	1
12	Post Harvest technology of Fruits & Vegetables	1
13	Mass Communication Principles and Practice	1

IV. ACADEMIC ACTIVITIES

OBJECTIVE I

A. Short courses

To serve as a National resource and training centre for faculty in the discipline of Home Science by conducting summer institutes, short courses and training programmes.

The Centre of Advanced Studies in Home Science in Faculty of Home Science, Acharya N. G. Ranga Agricultural University, Hyderabad has been functioning as a resource and training centre for the Home Science for State Agricultural Universities since 2010 after serving as resource center in Nutrition for 15 years i.e from 1995-2010. Organizing advanced training programmes (21 days duration) is one of four major objective of this centre and till 2013 it had organized 24 training programmes. During the reporting year i.e., 2013-14, the 25th training programme entitled “**Advanced Techniques and Professional Management of Research in Home Science**” during the period of **20/11/2013 to 10/12/2013**, with Course Director Dr. K. Mayuri and Course Coordinator, Dr.G. Nageshwara Rao was conducted at Centre of Advanced Faculty Training in Home Science, PGRC, Rajendranagar. Following is the training report.

CENTER FOR ADVANCED FACULTY TRAINING IN HOME SCIENCE

XXV TRAINING PROGRAMME ON

**“Advanced Techniques and Professional Management of
Research in Home Science”**

From 20th November to 10th December 2013



Organized by

**Dr.K Mayuri
Course Director**

**Dr.G.Nageshwara Rao
Course Co-Director**

**Dr.Mahalakshmi V.Reddy
CAFT Director**



**Center for Advanced Faculty Training in Home Science
Acharya N.G. Ranga Agricultural University
Post Graduate and Research Center,
ANGRAU, Rajendranagar, Hyderabad**

Acknowledgement

The CAFT Director, Course Director and Course Co-Director gratefully acknowledge the financial support provided by the Indian Council for Agricultural Research (ICAR) for conducting the 21 days training programme titled “Advanced Techniques and Professional Management of Research in Home Science” held from 20th November to 10th December 2012, under Center for Advanced Faculty Training in Home Science.

Our special thanks to Dr. A. Padma Raju, Vice-Chancellor of ANGRAU, Dr.T.V Satyanaraya, Dean of Home Science, Dr. Anurag Chaturvedi, Associate Dean for support and Heads of the Department of all the five disciplines of Home Science at College of Home Science, Hyderabad, Acharya N.G Ranga Agricultural University for their valuable contributions.

We express our sincere thanks to Dr. P. Geervani, Former VC of Mahila University, Tirupati, Faculty members Dr. Dhandapani , Dr. Sontakki, Dr. N.H. Rao, Dr. Kalpana Sastry, Dr. Ravi Viswanathan of National Academy of Agriculture Research and Management (NAARM), Dr. A. Sarada Devi, Professor Emeritus, ICAR and Former Dean of Home Science, ANGRAU, Dr. Veeranjanyulu, the Chief Librarian , ANGRAU, Dr. Aparna , Hyderabad Central University, Dr. Rasheed Sulieman, Center for Research on Innovation and Social Policy (CRISP), Dr. Shaik Meera, Directorate of Rice Research Institute, Mr. Deepak Dey, UNICEF and Sri Inder Jeet Mittal, Master Trainer and Director, Department of Personnel and Training Ministry of Earth Sciences, Govt. of India, for sparing valuable time and subject knowledge and skills with the participants of the training.

Our deep sense of gratitude to Dr. Kanhaiya Chaudhary, Deputy Secretary (Edn.) ICAR, for sparing time to interact with group and guide them on the procedure for presentation of research projects. We also express our thanks to the ICAR nominee, Dr. Saroj Singh, Dean, College of Home Science, at CCS Haryana University of Agriculture and Technology, Hisar, for interacting with participants and evaluation on the course, and presentation on research work conducted by the five disciplines of Home Science at Hisar.

We thank the Director, NAARM for providing comfortable lodging and boarding facilities for the participants. We thank the Non teaching staff of CAFT and PGRC for the support and help rendered all through the training period

Dr.K. Mayuri
Course Director

Dr.Mahalakshmi V.Reddy
CAFT Director

LIST OF PARTICIPANTS

S. No.	Name of the Participant	University	Mobile number & Email ID
1	Dr. Amtul Waris, Principal Scientist	ARS, Directorate of Rice Research, Rajendranagar, Hyderabad	(M): 9959715245 amtul.waris@gmail.com
2	Dr. B. Anila Kumari, Assistant Professor	Dept. of Foods & Nutrition, College of Food Science & Technology, Bapatla	(M): 9948123355 baniladr@gmail.com
3	Dr. Bhagyalakshmi Assistant Professor	Extension Education Institute, Rajendranagar, Hyderabad	(M): 9908011456 bhagya.dunga@gmail.com
4	Mrs. Bilquis SMS. Asst.Professor	Dept. of Human Development and Family Studies, KVK, Kurnool	(M): 9966642005 bilquisbasha@gmail.com
5	Dr. M.S. Chaitanya Kumari, Assistant Professor	Dept. of HECM, College of Home science, ANGRAU, Hyderabad.	(M): 8331024686 chaitanya.benarji@gmail.com
6	Dr. Jessei Suneetha W Assistant Professor	Dept of Foods& Nutrition, College of Home Science, ANGRAU, Hyderabad.	(M): 9849308363 wjsuneetha@rediffmail.com
7	Dr. G. Jyothi, Assistant Professor	Dr.YSR.Horticultural University Venkatarama -nnagudem, AP.	(M): 9440152703 Jyo.hort@gmail.com
8	Dr. E. Karuna Sree SMS. Asst.Professor	Dr.YSR.Horticultural University Venkatarama -nnagudem, AP.	(M): 7382633692 kvk_vrgudemaphu@rediffmail.com
9	Ms. Narmada* Hidangmayum, Teaching Associate	Teaching Assistant, Dept. of HDFS, RHS, University of Agri.Sciences, Dharwad.	(M): 9902746551 hnarmada@gmail.com
10	Dr. D. Ratna Kumari, Professor	Dept of RMCS, College of Home Science, ANGRAU, Hyderabad.	(M): 9441274689 ratnakommu@ rediffmail.com
11	Ms. Sairabanu.Dargad* Teaching Associate	Teaching Assistant, Dept. of HDFS, RHS, University of	(M): 08277140901 d.sairabanu@gmail.com

		Agri.Sciences, Dharwad.	
12	Dr. Seema Sonkar Assistant Professor	Chandra Shekar Azad, Agricultural University, Kanpur	(M): 08765776375 seemasonkar07@yahoo.com
13	Dr. Shankar G. Puri, Assistant Professor	College of Home Science, Vasantao Naik Marath -wada Krishi Vidyapeeth, Parbhani, MS	(M): 9326106036 (O): 02452-233260 Shankar_puri@ymail.com
14	Mrs. E.Shirin Hima Bindu, Junior Scientist	DST Project, Dept. of RMCS, Hyderabad, AP	(M): 7893870035 shirincalla@gmail.com
15	Mrs.S.Sirisha Deepthi, Assistant Professor	Dept. of Apparel & Textiles, College of Home Science, Guntur	(M): 7799556662 ssdeepthi@gmail.com
16	Dr. P. Sree Devi, Assistant Professor	Dept. of HD&FS, College of Home Science, Hyd, ANGRAU	(M): 9849356362 sreevenknikteja@gmail.com
17	Ms. Sumalata Byadgi,* Teaching Associate	Teaching Assistant, Dept. of HDFFS, RHS, University of Agricultural Sciences, Dharwad.	(M): 08792953645 suma.b549@gmail.com
18	Dr. A. Vidyaadhari	KVK, Director Central Research Institute for Dry Land Agriculture, Hyderabad.	(M): 9704539148 choavidyaa@gmail.com

* Discontinued

HOST FACULTY

S.No	Committee	Officers In-Charge Of Management
1	Over-all co-ordination	Convener : Dr. K. Mayuri Course Director & Prof & Head, Dept. of HDFS & Dr. Mahalakshmi V. Reddy, CAFT Director Ms. Krishna Priya, RA – CAFT H.Sc
2	Technical	Convener: Dr. K. Mayuri, Prof & Head, Dept. of HDFS Members: Dr. G. Nageshwara Rao – Retd. Prof of S & M Dr. Mahalashmi V. Reddy, HOD - RMCS Dr. Anurag Chaturvadi, Associate Dean & HOD FDNT Dr. Mary Swarnalatha- HOD –HECM Dr. D.Anitha - HOD –APTX Ms. Krishna Priya, RA – CAFT H.Sc
3	Finance & Reception	Convener: Dr. Mahalakshmi V. Reddy, CAFT Director Members: Ms. Krishna Priya, RA – CAFT H.Sc Mrs. Sunitha, CO cum Clerk – CAFT H.Sc
4	Transport & Accommodation	Convener: Mr. Hakim, CHSc Librarian Member: Ms. Krishna Priya, RA – CAFT H.Sc
5	Hospitality & Food Arrangement	Convener: Dr. D. Ratna Kumari, Prof, Dept. of RMCS Member: Ms. Krishna Priya, RA – CAFT H.Sc Mrs. Sunitha, CO cum Clerk – CAFT H.Sc

GUEST FACULTY

Name of Speaker	Contact
Prof. P. Geervani (Retd. Vice Chancellor of SPMV, Thirupati)	(R)- 040-23544944 pgeervani@rediffmail.com
Dr. A. Dhandapani, Principal Scientist, Information and Communication Management Division, NAARM	9701991168, 91 40 24581339 Fax: 91- 40 24015912 dhandapani@naarm.ernet.in
Prof. Shaik Galab, Center for Economic & Social Studies	(M)- 9949219613 sgalad@cess.ac.in
Dr. Bharat S. Sontakki, Principal Scientist, Extension Systems Management Division, NAARM	91 9440965798, 91 40 24581327 Fax: 91 40 24581484 bharatss@naarm.ernet.in & bharat_235@yahoo.com
Dr. R. Kalpana Sastry, Joint Director, NAARM	9140-24014820, 9140- 24581304 kalpana@naarm.ernet.in
Dr. N. Hanumantha Rao, Principal Scientist, NAARM	(O)- 9140 24581333 nhrao@naarm.ernet.in
Sri Inder Jeet Mittal, Master Trainer and Director, Department of Personnel and Training Ministry of Earth Sciences, Govt. of India.	M-09899731303 ijmittal49@gmail.com
Dr. Veeranjanyulu, Chief Librarian, ANGRAU	(M)- 9989625235 veeru_1963@rediffmail.com
Mrs. Deepak Kumar Dey, UNICEF	(M)- 7702103777 dkdey@unicef.org
Dr. R. Aparna , Professor, Department of Sociology, University of Hyderabad	9140 23132808 9140 23133260 arayaprol@gmail.com
Dr. A. Sharada Devi,	(M)- 9989625229

Emeritus Scientist of ICAR & Former Dean of Home Science	sharadadevi_2000@yahoo.com
Dr. Saroj Singh, Dean of H.Sc, Hisar, HAU, ICAR Nominee	(M)- 09466612666 sarojsjsingh@gmail.com
Dr. Rasheed Sulaiman V, Director, CRISP	91 40 23301976 Fax: 91 40 23300844 rasheed.sulaiman@gmail.com
Dr. Shaik N. Meera, Senior Scientist, Agriculture Extension, DRR- ICAR	91 40 24591218, Fax No. 91 40 24591217 shaikmeera@drircar.org, shaiknmeera@gmail.com
Dr. Ravi Viswanathan, Editor Cum Information Officer, NAARM	(M)- 9440547627 viswanathanravi@naarm.ernet.in
Dr. G. Nageshwara Rao, Co-Course Director	(M) – 9908183794 gadirajur@gmail.com
Dr. Mahalakshmi V. Reddy , CAFT Director	(M)-9849047906 mahalakshmi.v.reddy@gmail.com
Dr. K. Mayuri, Course Director	(M)-9177532608 pramaynn@yahoo.com

TRAINING PROGRAMME SCHEDULE

Date & Day	Time	Topic of Lecture/ Practical	Name of Speaker
20-11-13 Wed	10.00-10.30	Registration	
	11.00-11.45	Orientation to CAFT	Dr. Mahalakshmi V. Reddy , CAFT-H.Sc Director
	11.45 -12.30	Orientation to the course	Dr. K.Mayuri, Course Director
	12.30-1.00	Pre-Evaluation of the Training	Dr. G.Nageswara Rao, Co - Course Director
	2.00 – 3.30	Research methods –Quantitative	Dr. K.Mayuri, Course Director
	3.45 – 5.00	Statistics in Social Science Research	Dr. G. Nageswara Rao Co - Course Director
21-11-13 Thurs	10.00-12.30	Inauguration - Keynote Address on “ Setting Research Agenda for Home Science”	Dr.P.Geervani
	2.00-3.30	Qualitative Research methods	Dr. K.Mayuri, Course Director
	3.45 – 5.00	Statistical Procedures	Dr. G. Nageswara Rao
22-11-13 Fri	9.30-11.00	Statistical Software Packages	Dr. Dandapani, NAARM
	11.30-1.00	Basic statistics	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
	2.00-3.30	Advanced Statistics	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
	3.45-5.00	Advanced Statistics	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
23-11-13 Sat	9.30-11.00	Hands on training in Statistical Software & Managemnt	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
	11.30-1.00	Hands on training in Statistical Software & Management	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
	2.00-3.30	Hands on training in Statistical Software & Management	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
	3.45-5.00	Hands on training in Statistical Software & Management	Dr. Dandapani, NAARM Dr. K.Mayuri/ Dr. G.N. Rao
24-11-13 Sun			

25-11-13 Mon	9.30-11.00	Lecture on Accessing Library and Internet Resources	Dr. Veeranjanyulu, Chief Librarian, ANGRAU
	11.30-1.00	Writing winning research proposals	Dr. Sontakki NAARM
	2.00-3.30	Concept paper designing	Dr.K.Mayuri
	3.45-5.00	Scientific writing for journal publication	Dr.N.H.Rao
26-11-13 Tue	9.30-11.00	Appraisal of funding agencies and format for proposal submission	Dr.Veeranjanyulu, Chief Librarian ANGRAU
	11.00-1.00	Measurement in social science research with emphasis on validity and reliability	Dr. Shaik Meera, DRR
	2.00 -5.00	Building Scientific Concept at PGRC	Dr. Mahalakshmi V. Reddy , Dr. K.Mayuri
27-11-13 Wed	9.30-1.00	Pedagogy Training	Sri Inderj eet Mittal, Dr.MV.Reddy & Dr.Anitha
	2.00 -5.00	Pedagogy Training	Sri Inder Jeet Mittal, Dr.Mahalakshmi V.Reddy & Dr.Anitha
28-11-13 Thurs	9.30-1.00	Pedagogy Training	Sri InderJeet Mittal, Dr.Mahalakshmi V.Reddy & Dr.Mayuri
	2.00 -3.30	Logframe development for research	Dr.K.Mayuri
29-11-13 Fri	9.30-11.00	Presentations of Concept papers on research proposals	Dr. Sontakki NAARM
	11.30-1.00	Presentations of Concept papers on research proposals	Dr. Sontakki NAARM
	2.00 –3.30	Visit to PGRC Foods and Nutrition	Head, Foods & Nutrition
	3.45-5.00	Visit to quality control lab	Head, Foods & Nutrition
30-11-13 Sat	9.30-11.00	Online knowledge management – portals, E journals, e books, online magazines	Dr. Shaik Meera, DRR
	11.30-1.00	Visit to Dept. of RMCS & Dept. of HDFS	Head, RMCS Head, HDFS
	2.00 – 3.30 pm	Exposure Visit to APTX Department and Research Labs	Head, APTX
	3.30-5.00 pm	Visit to HECM Department and labs	Head, HECM

1-12-13 Sun			
2-12-13 Mon	9.30-11.00	Web Publishing - Blog writing	Dr. Sulieman
	11.30-1.00	Patenting Original Research Products and Processes	Dr.Kalpana Sastry
	2.00 – 5.00	Administrative issues related to research projects management	Dr. T.V. Satyanarayana, Dean H.Sc I/C
3-12-13 Tue	9.30- 11.00	Address by ICAR Nominee	Dr. Saroj Singh
	11.30-1.00	Cross Cultural Research	Dr. Aparna , UoH
	2.00-3.30	Presentation of concept papers	Dr. Sontakki, NAARM
	3.45-5.00	Discussion on Group projects	Course Director, HODs
4-12-13 Wed	9.30-11.00	Interdisciplinary Research	Ms. Lakshmi Bhavani, UNICEF
	11.30 – 1.00	Policy Based Research	Dr. K.Mayuri
	2.00-3.30	Publications : Editors point of View	Dr. Ravi Viswanathan, NAARM
	3.45-5.00	Publications : Editors point of View	Dr. Ravi Viswanathan, NAARM
5-12-13 Thurs	9.30-10.30	Instructions for Developing research project proposals - Assignment	Course Director, HODs
	10.30-1.00	Working on Individual assignments	
	2.00-5.00	Working on Individual assignments	
6-12-13 Fri	9.30-11.00	Working on Individual assignments	Course Director, HODs
	11.30-1.00	Continued	
	2.00-3.30	Continued	
	3.45-5.00	Continued	
7.12-13 Sat	9.30-11.00	Discussion with Course Director, HODs on project developed	Course Director, HODs
	11.30-1.00	Research Project Management	Dr.A.Sharada Devi, ANGRAU
	2.00-3.30	Refining proposals and developing presentation formats	
	3.45-5.00	Refining proposals and developing presentation formats	
8-12-13 Sunday			
9-12-13 Mon	9.30-1.00	Presentation of Individual projects	
	2.00-5.00	Presentation of Individual Projects	
10-12-13 Tue	9.30- 10.30 10.30-12.00	Evaluation of the course Valedictory function	
	Afternoon	Interaction session between Faculty and Participants	Course Director, HODs and Staff

Executive Summary

Research is an integral part of Home Science Education and takes many forms a) Post Graduate Student Research b) ICAR sanctioned projects for faculty c) Other Funding agencies sanctioned Adhoc projects d) State government departments sanctioned projects. The five disciplines of Home science research on extremely important aspects of human life and can contribute immensely to enhance our understanding of life. Over the decades, research methods have been fine tuned and many modern methodologies have been developed. However, conventional knowledge on research methods too is by far not rigorously applied to research, leading to relatively few high quality publications in Home Science research. Most faculty of Home Science would have studied research methodologies from very different perceptions and are likely to have very diverse ideas on research strategies. Hence the 21 days training was proposed under Center for Advance Faculty Training in a frontier area of Home Science - “Advanced Techniques and Professional Management of Research in Home Science” This training programme was planned to provide contemporary information on research and expose the faculty to some currently available tools and techniques as well as refresh them on time tested methods of research that have worked well for Home science research.

Objectives

1. To promote knowledge and professional competence in research methodologies suitable for the five disciplines of Home Science.
2. To build confidence in developing applying and conducting high quality research.
3. To enhance knowledge in the processes involved in publishing scientific articles.
4. To help understand the role of statistical procedures in research and interpretation of results.

Profile of Participants

This programme started with the enrolment of 18 participants from different state agricultural universities and ICAR institutions namely, like Maratwada Agricultural University, Parbani, University of Agricultural Sciences, Dharwad, Chandra Sekhar Azad Agricultural University, Kanpur, YSR Horticulture University, Venkataramannagudem, College of Food Science and Technology, Bapatla, KVK Banvasi, Kurnool, Extension Education Institute, Rajendranagar, Hyderabad, and College of Home Science, ANGRAU, Hyderabad, Directorate of Rice Research, Hyderabad and Central Research Institute for Dry land Agriculture, Hyderabad participated in the training. The group consisted of faculty members from different

disciplines. All the outstation participants were provided accommodation in NAARM guest house. At the time of registration participants are provided with the learning kit and hand out to experience the sequence of events from beginning to end of the programme.

Report of the Inaugural Function

The Inaugural Function of the ICAR sponsored 21 days training was organized by the Department of Resource Management and Consumer Sciences on the title ‘Advanced Techniques and Professional Management of Research in Home Science’, was held on 21st November, 2013 at College of Home Science, ANGRAU, Hyderabad.

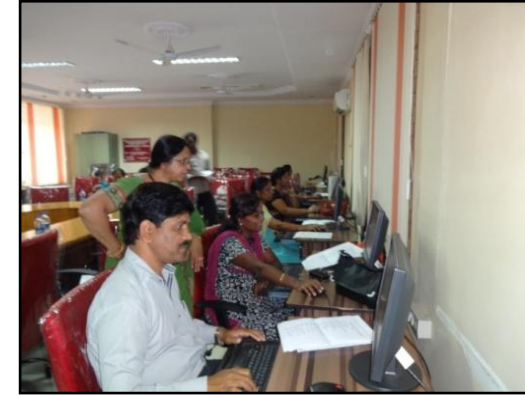
Dr. Anurag Chaturvedi, Associate Dean of College of Home Science, Hyderabad presented the welcomed address and Dr. Padma Raju Vice-Chancellor of ANGRAU presided over function. Sri Anil Chandra Punetha, Principal Secretary (Agriculture & Cooperation) to Government of Andhra Pradesh was the Chief Guest at the function and the lamp was lit by all these eminent members to spread the spirit of energy to the organizers and participants and as a part of this event, CAFT News Letters and up-dated CAFT web page were released. The Keynote address was delivered by Dr. P. Geervani, Former Vice Chancellor, Sri Padmavathi Mahila University, Tirupathi, who stressed the importance of gearing all research from Home Science to the contemporary needs of the community, the need to inform policy makers on research outcomes.

Dr. K. Mayuri, the Course Director of the training programme briefly outlined the topics that would be covered by various speakers during the training programme. This programme was divided with one week orientation to theoretical issues, one week to practical exposure and also to offer 2 days pedagogy training, as mandated by ICAR. Later participants had introduced themselves.

Dr. (Mrs) P. Geeravani, Former Vice Chancellor of Sri Padmavathi Mahila Visvavidyalayam, Tirupathi, Andhra Pradesh delivered the key note address. The performance of the Home Science faculty in the recent past was greatly appreciated and it was pointed out that the visibility of the faculty has improved. The speaker implored the faculty to go a step ahead, cross over and work with other disciplines so that knowledge gained is easily shared and spread to a greater population in a shorter time. The value of training was summed up with a phrase ‘training is for sharing the knowledge gained’. While praising the Home Scientists, as transformers, the speaker urged the faculty to develop technologies that could direct the policy



INAUGURAL FUNCTION OF 21 DAYS TRAINING PROGRAMME



INTERACTIVE SESSIONS OF DR. K. MAYURI, DR. NAGESHWARA RAO, DR. DHANDAPANI, DR. VEERANJANEYULU, DR.SONTAKKI AND DR. SHAIK MEERA

makers. She was also of the opinion that the title “Home Science” is rather old fashioned. It conveys the meaning that it deals with home, a physical entity and does not communicate the entire gamut of activities taken up by the home scientists namely – human relationships, physical development, societal awareness, enterprise development, creative skills, nutrition etc, all of which focus on the sustainability of a home. The speaker urged the faculty to change the nomenclature of “Home Science” to a more suitable one that covers the above activities.

In his address to the gathering, Dr. A. Padma Raju, Hon’ble Vice Chancellor of Acharya N. G. Ranga Agricultural University, Hyderabad, A.P appreciated the efforts the faculty has made over the years. He was of the opinion that the future of our country is in the hands of women scientists as girl students comprise 60 – 70 % of the total university strength. Hence it is important to inspire the student’s right from the first semester. He believed that to do this the teacher must inspire herself, train herself because she has to motivate the students to produce results that are applicable to the community at large. The speaker also spoke about the role of promotion of research and training, conducting interdisciplinary research in analytical and applied areas of social sciences and quoted Centre for Economic and Social Studies (CESS) – and its contribution in this direction.

The programme ended formally with the Vote of Thanks, proposed by the CAFT Director, Dr. Mahalakshmi V. Reddy. All the people who were involved directly and indirectly in the programme were thanked for their valuable contributions.

Execution of the Training

The technical sessions were divided into three units a) Basic understanding of research methods and statistical procedures b) Advanced techniques in research methods and statistical procedures c) Scientific writing and communication.

In the first week of the training the participants were exposed to the basics of research and Statistical methods that were used for the research. On November 20th and 21st basic sessions on Quantitative research methods was presented to the participants by Dr. K. Mayuri, the Course Director, covered a wide range of topics such as different methods of research, research plan development, sampling techniques, hypothesis, variables and their types, measurement levels and tools. Qualitative research methods were also presented drawing up on the differences between the two methods, and the differences framing hypothesis, in sampling, measurement techniques and analysis of data obtained. The Co course Coordinator,

Dr. G. Nageshwara Rao, presented two detailed sessions on Basic statistical procedures for quantitative research and qualitative research methods. These presentations set the preparedness for the next two day sessions on Statistical packages, conducted in great detail by Dr. Dhandapani at NAARM. The sessions included hands on experience in applying SAS statistical packages to social science research data.

In the second week of the training the participants were exposed to the different resources that were available online and the different funding agencies which will help them in funding for the research project. Session on Accessing library resources for review of literature was taken up by Dr. Veeranjanyulu, the Chief Librarian, ANGRAU, who introduced the participants to a wide range of resources that were made available by the NARS system through NAIP Component – 1 projects, as well the Open Educational Resources available on the internet, other repositories of information. Dr. Sontakki, NAARM, presented a detailed lecture on Writing winning research proposals, which covered the various steps involved in writing research proposals and then he gave the participants an exercise on developing a concept paper for the research proposal of their choice. Dr. N.H. Rao, NAARM discussed the important considerations for Scientific writing for journal publication, and gave detailed guidelines on how to write high quality research papers for publication. These sessions were followed by a session on discussing different formats of funding agencies and how to write acceptable research proposals for the same.

This session was taken by Dr. Veeranjanyulu, who also shared the proposal formats of 21 different funding agencies. Developing log frames for research projects was presented by Dr. K. Mayuri to the group so that they could start to work on their concept paper assignment using this technique too. Dr. Shaik Meera, DRR, presented a detailed session on Measurement in social science research with emphasis on validity and reliability to the participant's very interesting real life examples. The session covered both internal and external validity issues, different types of reliability and how to avoid problems related to both validity and reliability.

The next two days were devoted to pedagogy training, which was conducted in a very interesting manner by Sri Inder Jeet Mittal. The sessions covered included classroom management skills, teaching – learning communication techniques and group exercises for participants to assess aspects such as team spirit, sharing ability. Dr. Shaik Meera came back to



INTERACTIVE SESSIONS CONDUCTED BY DR. A.SHARADA DEVI, DR. N.H.RAO, DR. SAROJ SINGH AND DR. RAVI VISWANATHAN



PARTICIAPNTS PARTICIPATION IN TEAM BUILDING EXERCISE OF PEDAGOGY TRAINING

present a very interesting session on knowledge management through various online techniques, with graphic visual presentations on different ways in which research knowledge could be made available to different stakeholders, from researchers to farmers and families. How to address the problems of informing policy through research was taken up in Policy based research by Dr. K. Mayuri, and the session covered aspects such improving the communication between researchers and policy makers, rigour in research to inform policy, and various ways in which the gap between policy makers and researchers could be bridged.

The CAFT Director, Dr. Mahalakshmi V. Reddy made a presentation on one DST project proposal that was approved in order to give the participants an experience of what all need to be considered before a project proposal could be approved.

Intellectual property rights and patenting of research processes and products session was taken by Dr. Kalpana Sastry, who emphasized on the need for following rigorous procedures for patenting products and processes of research. The difference between copyright, trademark and patent were discussed and how to process knowledge for all types of IR. Dr. Rasheed Sulieman, of CRISP, gave a lecture on web publishing and blog development in which he covered in detail issues such as website development, choosing and aligning content for websites and blogs, creating professional discussion groups online. He presented examples of websites and blogs on agricultural education. Dr. Aparna, spoke on the different aspects of Cross cultural research. She stressed on multiplicity of methods to be used, transdisciplinary orientation, recognition of diversity, self reflexivity and androcentricism as critical factors in cross cultural research. The editor's perspective on publishing was extensively presented by Dr. Ravi Viswanathan, NAARM in which he covered aspects such as reasons for publishing, where to publish, factors to be considered for writing research articles, journal rating, steps in writing, editorial process and issues of plagiarism.

Mr. Deepak Kumar Dey, UNICEF, spoke on the importance of Interdisciplinary research highlighting its purpose, processes, different techniques to be used, and the inter relationship between different fields that necessitate interdisciplinary research, and factors to be considered for conducting interdisciplinary research. Dr. A. Sharada Devi, Former Dean, Faculty of Home Science spoke to the group on Research Project Management presented issues and concerns related to Research Project Management. She pointed out the following issues ; Budgets, recruitment of staff, baseline survey, setting time bound targets, TORs for personnel,

procurement processes, record maintenance, environmental issues, process recording, evaluation of research, periodical work done report submissions, and analyzing data and final report submission.

The ICAR nominee, Dr. Saroj Singh, Dean, College of Home Science, at CCS Haryana University of Agriculture and Technology, Hisar, interacted with the group and took an evaluation on the course, and then made a presentation on research work conducted by the five disciplines of Home Science at Hisar.

The participants presented their two assignments 1) Concept paper on the research project and 2) Research project proposal for a funding agency. The concept paper presentation was split into two sessions so that individual presentations by each member could be made. Dr. Sontakki, the course Director, the Co course director and CAFT director critiqued the presentations and gave suggestions which the participants used to refine the final presentations. Dr. Kanhaiya Chaudhary, Deputy Secretary (Edn.) ICAR, took active interest to guide participants on the right procedure for making presentations of research projects. The final individual research project proposals were presented by the participants were also attended by the respective Heads of the department who gave constructive feedback on revising of the proposals. The participants had visits to the Post Graduate and Research Centre labs Quality Control Lab, and Millet Incubation center, research labs of the College of Home Science to understand the research activities of four departments, Human Development and Family Studies, Resource Management and Consumer Sciences, Apparel and Textiles and Extension and Communication Management.

Course Evaluation Report

An attempt was made to understand the impact of training on gain of knowledge of participants. Before the commencement of the programme a pre evaluation was done. The pre evaluation proforma consisted of 26 questions covering about Statistical procedures and research methods. The participants score ranged between 12 and 21. Majority of the participants scored minimum marks on pre evaluation test.

The post evaluation proforma consisted of 26 questions Statistical procedures and research methods. The questions were framed to elicit the knowledge and skills of the participants in proposing a research project.

Table 1. Scores of the participants before and after training

Marks	Pre	Pre (%)	Post	Post (%)
<12	3	20	0	0
12-15	10	67	1	7
15-18	2	13	4	26
18-21	0	0	9	60
>21	0	0	1	7

The participants score ranged between 14 and 18. Majority of the respondents scored above 80 percent. The aim of the training was to impart knowledge on entrepreneurship and to provide live experience of developing and managing an enterprise to the students, the faculty needs operational and management skills for offering Experiential Learning Programme in their respective areas.

Extent of Satisfaction with Physical Arrangements: Majority of the respondents were very well satisfied with the physical arrangements like food, accommodation, transport and hospitality. Cent percent of the respondents were satisfied with the topics covered in the winter school, methodology adopted for teaching, practical exposure and behavior and style of teachers and need more exposure to specific research methodologies in a different training programme with practical exposure.

Topics of Interest: Majority felt that the topics covered in the training were excellent and good. The preparation of research project proposal was very interesting and useful for further development.

Practical Exposure: Respondents were satisfied with the practical exposure given during the training. Some of the respondents felt that more exposure to specific research methodologies in a different training programme.

Satisfaction with Self Participation: All the participants were always satisfied with the amount of the participation in most of the discussions towards the end of the each lecture.

Duration: Participants preferred these types of programmes during August to September in any Academic year

Overall Organization: Majority felt that the training was well organized and gave opportunity to interact with resource persons from repeated institutes and pioneers in the field of Research.

**PROGRAMME PRE & POST EVALUATION SCHEDULE
OF THE 21 DAYS TRAINING ON ‘ADVANCED TECHNIQUES AND
PROFESSIONAL MANAGEMENT OF RESEARCH IN HOME
SCIENCE’**

HELD FROM 20th NOVEMBER TO 10th DECEMBER 2013

I. Please answer the following in one or two sentences in your own words

1. ‘Training on Professional Management of Research in Home Science’ is meant for training young faculty to improve the skills in guiding P.G. students in their thesis work. **Yes / No** Give a reason for your answer
-

2. Learning about statistical techniques for applying in data analysis is very important for drawing precise conclusions in the thesis work of a P.G. student pursuing professional degree programme? **Yes / No** Give a reason for your answer
-

When the number of replications is only one in experimental data, statistical analysis can be done. **Yes / No** Give a reason for your answer

3. The calculation of standard deviation is necessary for any series of data besides Arithmetic Mean. **Yes / No** Give a reason for your answer
-

4. If the correlation coefficient value is given between height and weight, is there need to calculate regression between them

Yes/no Give a reason for your answer

5. When the income of 200 families in a village is exactly same for each family, is there need to go for a sampling for estimating the average income of the family. **Yes / No**

Give a reason for your answer

6. For testing the significant difference between two diets with respect to gain in weight, both t-test and Z-test can be used. **Yes / No** Give a reason for your answer
-

7. For finding the relation between “height” and “weight”, chi-square test also can be used besides correlation coefficient. **Yes / No** Give a reason for your answer
-

8. “Standard deviation” and “standard error “are same. **Yes / No** Give a reason for your answer
-

II. Fill in the blanks with appropriate answers

1. The Arithmetic Mean for the series 6,7,8,6,7,8,6,7,8 is-----
2. The Standard deviation for the series 8,8,8,8,8 is-----
3. The correlation coefficient between supply and price is negative then the regression coefficient of price on supply is-----
4. If the size of sample size increases, then the efficiency of estimate -----

III Answer as yes or No and give reasons for your answer

1. Are you aware of any funds provided by ICAR or Govt to conduct research projects.
Yes / No. If yes, mention few.
-

2. Do you need Supervisor for starting a research project. Yes / No. If yes, Give reasons.
-

3. Do you think this training program is necessary for developing interest in writing new research projects? Yes / No. Give reasons.
-

4. Do you feel there is necessity of including statistician in the team of research workers for conducting research project? Yes / No. Give reasons
-

IV Answer as yes or No

1. Do you have any experience in submitting new research project?
Yes / No
2. Do you feel that there is necessity of consultation with statistician before formulating research project? Yes/No
3. Do you feel that the students should be given choice to select the research problem especially at Ph.D. level? Yes/No
4. Are you aware of internet portals that provide full text articles in areas of Home Science research? Yes/No
5. Are you aware of the international journals in your discipline?
Yes/No

V. Answer the following questions

1. Do you know anything about Types of Research? If Yes, What are they? List them

2. Do you have any awareness about Sampling Techniques? If yes, List them

3. Do you have any awareness about level of measurement? Can you List them?

4. Can you mention some cautions to consider while developing measurement tools for research?

5. Are you aware of some guidelines in writing a research paper? Can you mention two of them?

III. PERFORMANCE RATING QUESTIONNAIRE

Given below is the list of sessions held in the course. Kindly give your feedback as indicated

Feedback rating : 5- Excellent, 4- Very Good, 3- Good, 2 -Average,1 –Poor

Usefulness: 5- Very Useful, 4- sometimes, 3- Rarely 2-Not useful 1-Can be avoided

S.No.	Title of session	Feedback rating	Usefulness
1.	Quantitative Research Methods – Dr. K. Mayuri		
2.	Statistical Procedures – Dr. G. Nageshwara Rao		
3.	Qualitative Research Methods – Dr. K. Mayuri		
4.	Basic & Advanced Statistical Pacakages – Dr. Dhandapani		
5.	Measurement tools- Validity & reliability issues – Dr. Shaik Meera		
6.	Accessing library resources – Dr. Veeranjanyulu		
7.	Interdisciplinary Research – Mr. Deepak Dey		
8.	Cross Cultural Research – Dr. Aparna		
9.	Writing for Journal Publication – Dr. N. H. Rao		
10	Intellectual property Rights and Patenting Research products & processes – Dr. Kalpana Sastry		
11.	Knowledge management – Dr. Shaik Meera		
12.	Online publishing - Scientific Blog writing		

	– Dr. Rasheed Sulaiman		
13.	Writing winning research proposals – Dr. Bharat Sontakki		
14.	Research Project Management – Dr. A. Sharada Devi		
15.	Policy Based Research – Dr. K. Mayuri		
16.	Developing Log frames for research processes – Dr. K. Mayuri		
17.	Formats of Funding agencies – requirements to be fulfilled – Dr. Veeranjanelulu		
18.	Submission of Research Proposal – a life example – Dr. Mahalakshmi V. Reddy		
19.	Publishing of research: Editor’s perspective – Dr. Ravi Viswanathan		
Practicum			
20.	Practical Assignment on Concept paper writing, presentation and feedback sessions		
21.	Library hands on experience		
22.	Project proposal for funding agencies, writing, presentation & feedback		
23.	Visits to different departments labs for understanding Home Science research		

III. OVERALL IMPRESSION ON THE TRAINING

1. What were your expectations from this course?

2. Have your expectation from this course is fulfilled? (Tick the options)
 - a. To a greater extent
 - b. To some what
 - c. Not at all

3. To what extent this course has proved useful to you? (Tick the options)
 - a. To a greater extent
 - b. To some what
 - c. Not at all

4. List the sessions which you think were not relevant to this course?

5. List the session which do you think should be included in this course?

6. Please give your opinion regarding
 - a. Training Environment / Learning Environment
 - b. Faculty Competency
 - c. Supporting Physical facilities / Environment
 - d. Duration of the course
 - e. Over all organization of the course

7. How was the daily programme? Tick the appropriate –
 - a. Very tight
 - b. Tight
 - c. Comfortable
 - d. Light

e. Very light

8. Give your suggestions for the improvement of this course?

9. List at least five suitable areas for future training and rank them based on immediate necessity.

Date:

Name:

Designation:

Objective 1 : B. ALLOCATION OF SEATS UNDER PG PROGRAMME

Admission: UG & PG programme in Academic year 2013– 2014 has full strength

Under-Graduates Students Intake:

B.Sc (Hons) Home Science: 132 Students

B.Sc(Honours) Food Science and Nutrition 2013 – 14 : 45 Students

B.Sc(Honours) Fashion Technology 2013 - 14 : 45 Students

In view of the good number of students at UG level and also there is also demand for PG studies.

Post-Graduate Students Intake

M.Sc (Home Science): 13 + 4 (ICAR nominees) + 1 (International)

M.Sc (Food Science & Tech.): 9+ 2 (ICAR Nominees) + 1 (International)

PhD (Home Science): 5 + 1 (International Student)

Objective 1: C. RESEARCH

Research Projects taken up by faculty during 2013-2014

DEPARTMENT OF FOODS & NUTRITION

Sl. No.	Project title	Investigators	Funding agency	Period / duration	Budget Rs. lakhs
1.	“Value addition and scaling up of value added products through development of enterprises and establishing market linkages”	Dr. T. V. Hymavathi, PI, and Faculty , Department of Foods and Nutrition	RKVY project, Govt. of A.P.	November 2011 to March 2014	272
2.	Development and testing of ICT material as a teaching tool for dissemination and nutrition and health information to agrarian families	Dr. Manoramma	RKVY	2013-14	6.25
3.	Comparative study of 5 recepies of Vermicelli from Bambino with respective traditional recipies	Dr. V. Vijaya Lakshmi	Bambino	April 2013	0.25
4.	Bakery and preservation of fruits and vegetables ,Tribal sub-plan Act, Chintapally	Dr. V. Vijaya Lakshmi	ICAR	April 2012- April 2015	16.50
5.	Cooking quality of food items supplied through Amma Hastam Programme from Government of Andhra Pradesh	Dr. K. Uma Devi	UNICEF	2013-14	0.27
6.	Evaluation of acceptability of supplementary food	Dr. Anurag Chaturvedi	Women Development and	2013-14	1.0

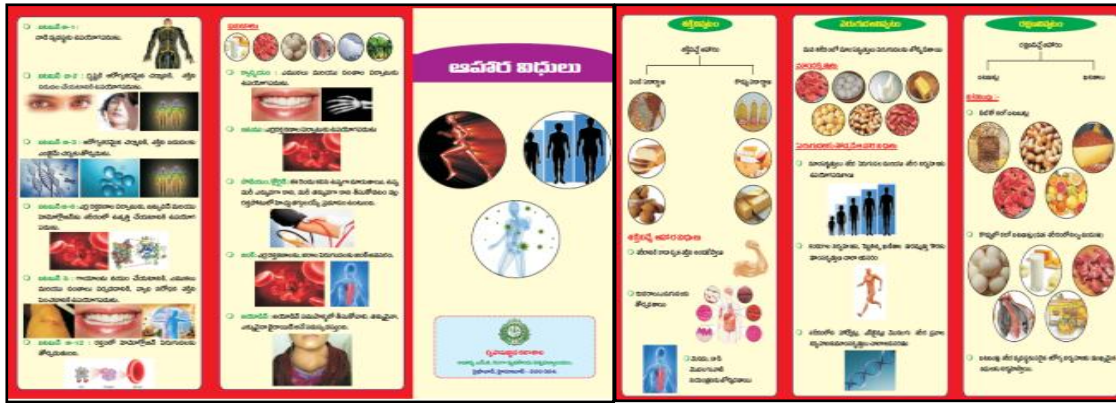
	from Akshaya patra given to ICDS beneficiaries of medak District		Child Benefit		
7.	Monitoring and Impact Assesment of Indiramma Amrutha Hastham	Dr. Anurag Chaturvedi	Women Developme nt and Child Benefit	2013-14	10.00

DEPARTMENT OF RESOURCE MANAGEMENT AND CONSUMER STUDIES

Sl. No.	Project title	Investigators	Funding agency	Period duration /	Budget Rs lakhs
1	“Floral preservation by freeze drying technology – standardization of treatments and process for value addition and enterprise management	PI: Dr. Mahalakshmi V.Reddy and Co I: Dr. D. Ratna Kumari	DST	October 2013- March 2016	55.08
2	Evaluation of Ammahastam Scheme	PI: Dr. T. Neeraja	UNICEF	January 2014 Feb. 2014	0.80

DEPARTMENT OF HOME SCIENCE EXTENSION AND COMMUNICATION MANAGEMENT

Sl. No.	Project title	Investigators	Funding agency	Period duration /	Budget Rs. in lakhs
1.	ICT mediated extension services for dissemination of quality life technologies	PI:Dr.Amala Kumari	RKVY	2012-14	20.00



POSTERS AND BROCHURES OF DEVELOPMENT AND TESTING OF ICT MATERIAL AS A TEACHING TOOL FOR DISSEMINATION AND NUTRITION AND HEALTH INFORMATION TO AGRARIAN FAMILIES



“FLORAL PRESERVATION BY FREEZE DRYING TECHNOLOGY – STANDARDIZATION OF HYDRATION TREATMENTS AND PROCESS”

DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES

S. No.	Project title	Investigators	Funding agency	Period / duration	Budget Rs lakhs
1	“e- Home Science Courseware” Consortium Project	Dr. K. Mayuri	World Bank NAIP project ICAR New Delhi	3 Years 2010- 2013	366.00
2.	Content analysis of UP school textbooks in Andhra Pradesh	Dr. K. Mayuri	RVM	2013-14	4.00
3.	An evaluation study on NPEGEL in Andhra Pradesh state	Dr. L. Uma Devi	RVM	2013-14	4.00
4.	Empowering Tribal Families for Sustainable Quality Life in Fulfilling psycho-social needs- An integrated developmental initiative	Principal Investigator - Dr.M.Sarada Devi	NABARD	January 2012 – December 2013	15.0

DEPARTMENT OF APPAREL AND TEXTILES

Sl. No.	Project title	Investigators	Funding agency	Period / duration	Budget Rs. in lakhs
1.	Value Addition to Natural Dyes	Dr.A. Sarada Devi	ICAR– NAIP	06-08-2008 To 30.03.14	343.9

OBJECTIVE II

To update the curriculum and courses of Home Science and to strengthen teaching and evaluation at UG and PG level.

UG Programme

As per the ICAR's IVth Dean's Committee recommendations, UG Curriculum was revised and being implemented from the year 2009-2010 and the same is being followed for the current academic year also.

PG Programme

As per the ICAR's IVth Dean's Committee recommendations, PG Curriculum of M.Sc (Nutrition & Dietetics) was revised and implemented from the year 2009-10.

Action Plan: On-going Academic Programmes and Activities

Undergraduate Programme –

1. 4 year degree (2+2)- B.H.Sc (Hons) with vocational electives
2. 4 year degree – B.Sc Fashion Technology (New programme in 2011-2012)
3. 4 year degree – B.Sc Food Science and Technology

Postgraduate Programme

4 year degree-B.Sc Foods Science and Nutrition (New Programme in 2012-13)

M.Sc (H.Sc) & Ph.D (H.Sc) – Foods and Nutrition

M.Sc (H.Sc) & Ph.D (H.Sc) – Family Resource Management

M.Sc (H.Sc) & Ph.D (H.Sc) – Human Development and Family Studies

M.Sc (H.Sc) & Ph.D (H.Sc) – Textiles and Clothing

M.Sc (H.Sc) – Home Science Extension and Communication Management

M.Sc (FST) – Food Science and Technology

Rural Home Science Work Experience Programme (RHWEP)

The Rural Home Science Work Experience Programme, the unique programme introduced by Acharya N. G. Ranga Agricultural University. Rural Home Science Work Experience Programme (RHWEP) 2013-14 was held from November 12th to January 4th, 2013-14 in three adopted villages namely Damera (Atmakurmandal), Ganturpalli & Pambarthi (Hasanparthimandal) of Warangal district, Andhra Pradesh. A total of 73 students worked with farm families in an interdisciplinary mode in all the three villages. Activities taken up by students from different specialization are:

Each student of the department of HECM, adopted five families and conducted individual projects like, Strengthening self help groups, Photo documentation on development activities in the village, Documentation of case studies on any three social problems, Dissemination of health and nutrition messages by using for adolescents and school going children. The social problems identified in the village were alcoholism, child marriages, child labour. Education was given to women on these problems through role plays and group discussions. Communication skills of adolescent girls were improved by informal speeches and games. Media coverage of activities performed in RHWE Programme was done by the extension students and was published in the local news papers.

Students of Department of FDNT taken up Individual projects included identification of mortality and morbidity, nutrition education and health and hygiene status of selected host families. In addition to this, skill oriented training to women on preservation of fruits and vegetables, preparation of instant weaning mixes, masala powders etc were conducted in groups. Diet plans for different age groups especially for vulnerable groups were planned and prepared. A diet counseling centre was established and maintained by two students every day.

The Department of HDFS students conducted infant stimulation activities for 95 adopted children of 6 months to 4 years for 5 weeks and checked their development before and after stimulation intervention and found improvement in children's development. Adopted 8 anganwadies in three villages and students identified problems in organization of preschool activities and planned developmentally appropriate theme based activities for Anganwadi children for 5 weeks and brought changes in regularity in attendance of Anganwadi children, activities of Anganwadi, competencies of Anganwadi teachers etc. Based on the needs identified in each village, parent education programmes were organized.

A total of 35 respondents were adopted by students of department of RMCS in Ganturpalli and Pemberthi villages, and trained them in the activities of candle making, photo frame making, paper bag making, greeting card making in different locations i.e., SC colony, BC colony and Reddy's colony and enterprise management aspects were also taught to them. Introduction of low cost energy saving technologies like Hay basket, Janata Fridge, Solar dryer was done. Group discussions and demonstrations were conducted on various consumer related issues like rights and responsibilities, wise purchasing practices, method of detecting adulterants, importance of standardization marks, consumer protection acts and consumer redressal system etc.

Activities taken up by students of APTX department include garment construction, antibacterial finishing, printing, hand embroidery and hand knitting. Group activities of the students include anti-bacterial finishing and stencil printing. Anti-bacterial finishing of garments was thought to the villagers, especially teenage girls and mothers to maintain bacteria free clothes.

All important days were celebrated at a large scale in three villages by conducting Rally's to create awareness to the public on World Aids Day on December 1st, Environment Protection day (Dec.2nd), Anti corruption Day (Dec.9th), World's Human rights day (Dec.10th).



**STUDENTS INTERACTION WITH THE
VILLAGERS**



RALLY IN THE VILLAGE



TRAINING TO THE VILLAGERS BY THE STUDENTS



**EXHIBITION OF THE WORKDONE BY THE STUDENTS AND TRAINEES IN
THE VALIDATORY FUNCTION**

Valedictory function was conducted on 29.12.2013 at Damera and Ganturpalli of Hasanaparthly mandal of Warangal District. An exhibition was organized, the work done by the students and the trainees, Live models and samples prepared by the village women were displayed. Three publications on the RHWE activities of the students of HECM were documented under the guidance of RHWE incharge Dr. Geetha Reddy and released by the chief guest, Dr. C. Cheralu, ADR, warangal and by Dr. Anurag Chaturvedi, Associate Dean, College of Home Science. The other dignitaries who attended the programme include Dr. Sarala Devi, Head of KVK, Malyal, Dr. Umareddy, Coordinator, DAATT Centre, Warangal, Mrs. S. Ramadevi, Sarpanch all the heads and SMSs of the respective departments and Village heads and Self Help group leaders.

OBJECTIVE III

To support the Government in training the personnel by disseminating Home Science information to personnel of different sectors.

To encourage self employment and income generating activities among grass root level workers, farm women and house wives, training programmes on Home Science and skill oriented certificate courses were organized by Centre of Advanced Faculty Training Centre.

1. Training Programmes and Certificate courses organized:

Preprimary Teacher training was started on 15 July with 60 trainees. The department has generated Rs.2, 40,000/- income to the University.

Workshop on Effective use of e- Home Science Courseware – 27-28 August, 2013, College of Home Science, Saifabad, Hyderabad:

In order to fulfill objectives 4 and 5 this training programme was held at College of Home Science, ANGRAU, Saifabad, Hyderabad on 27-28 August, 2013, by inviting two faculty members of the 14 Home Science Colleges under State Agricultural Universities. In all 13 colleges participated in the training namely, Acharya N.G Ranga Agricultural University, Hyderabad, Guntur & Bapla, Assam Agricultural University, Jorhat, Central Agricultural University, Tura, S.D. Agricultural University, Sardar Krishinagar, CSK Himachal Krishi Vishvavidyalaya, Palampur, Tamil Nadu Agricultural University, Madurai, University of Agricultural Sciences, Dharwad, Marathwada Agricultural University, Parbani, Govind

Vallabh Pant University of Agricultural & Technology(GBPUA &T), Pantnagar, Rajendra Agricultural University, Pusa, Bihar, Samastipur , Punjab Agricultural University, Ludhiana, CCS Haryana Agricultural University, Hisar.

The programme was inaugurated by the National Director, NAIP, Dr. D. Rama Rao and was presided by the Dean, Faculty of Home Science, ANGRAU, Dr. T.V. Satyanarayan, Dr. R. C Goyal, Emeritus Scientist, IASRI, Dr. R. Ranga Rao, Director of Research, ANGRAU were the guests of honour for the occasion. Dr. K. Mayuri, Consortium Principal Investigator presented the project report.

The Technical session included presentations on e- Learning portal on Agricultural Education (e KrishiShiksha) by Dr. R.C Goyal, Home Science e- resources by Chief Librarian, ANGRAU, Dr. Veeranjanyulu, Student Repository for online courses by Vijay Kumar, M/s. Swetha Solutions, Hyderabad, Evaluation of e- course utilization by Dr. G.R.K. Murthy, Faculty, NAARM and Hands on experience for the participants in using the e- Home Science Courseware.

Workshop on Revision of curriculum for greater career opportunities for Home Science Graduates, College of Home Science, Hyderabad, from 5th to 6th December, 2013:

Workshop was organized by Acharya N.G Ranga Agricultural University, College of Home Science, Saifabad, Hyderabad under ANGRAU- UNICEF sponsorship. Dr. A. Padmaraju, Humble Vice Chancellor, ANGRAU, Dr. T.V. Satyanarayana, Dean of Home Science, Dr. Lakshmi Bhavani, CEOP, UNICEF, Hyderabad, Sri. Chiranjeevi Chowdary, Commissioner, Women & Child welfare Department, Govt. of AP were the guest of honours for the inaugural session and posed with their views regarding the curriculum revision. Dr. T. V. Satyanarayana, Dean of Home Science stressed upon the time for revision of the curriculum according to the changing needs of the present day scenario. The syllabi pertaining to the courses offered by the five departments of Home Science were revised by the Fourth Dean's committee in the year 2006-2007 and the next revision is due shortly. Job opportunities for home scientists can be made available in the areas of work like (1) Teaching (2) Research (3) Institutional Management (4) Extension and Social Welfare (5) Business, banking and Industrial Concerns (6) Communication and IT (7) Self Employment (8) Counseling services at institutions and community. This necessitates an interaction from the stakeholders concerned in

public and private sectors and NGOs to identify the changed requirements for Home Science jobs like:

1. Identifying the knowledge and skills specifically needed for jobs in new sectors
2. Incorporating learning experiences for acquisition of the knowledge and skills needed for these jobs.
3. Training needed for the Home Scientists striving for actual employment.
4. Actual Placement efforts

Different experts from different fields were invited to the workshop to have their valuable suggestions for the improvement of the courses to have a good coping up with the students with the upcoming environment. Experts gave their valuable suggestions for the improvement of the courses.

International Workshop Natural Dyes at NI-MSME, Hyderabad from 5th to 7th March 2014:

Dr. A. Sharada Devi, CPI, NAIP- CND & Emeritus Scientist (ICAR) conducted 3 days International Workshop on Natural Dyes at NI-MSME, Hyderabad from 5th to 7th March 2014. This event was sponsored by NI-MSME and ANGRAU where 41 International Scientists representing 14 countries like USA, UK, France, Japan, Korea, Jamaica, Indonesia, Taiwan, Singapore, etc., 200 Indian Scientists, 60 Artisans and 150 weavers also participated in the workshop. Vice Chancellor- ANGRAU, Carden Dominique, Edric Ong, Dr. Peter Hauser, Renzo Shamag, Philip John, Dr. Galrajini, Dr. Sreenivasan are the few among the eminent people participated in the workshop. The conference was held with 50 papers presentations in 3 days. Various National and International Scientists and also entrepreneur participated in the workshop. Separate sessions in telugu were taken for weavers to impart entrepreneur skills. Various natural dye practices were demonstrated by eminent national and international artisans. Certifying bodies such as AITCC, GOTS also participated and agreed to come up with exclusive certification with natural dye. An International fashion show was held with eminent national and international designers to promote natural dyes. Fifteen designers presented their natural dye collection through a Fashion show organized as a part of the event. CD's Book of papers, were released during workshop on natural dyes.



WORKSHOP ON EFFECTIVE USE OF E- HOME SCIENCE COURSEWARE



INTERNATIONAL WORKSHOP NATURAL DYES AND FASHION SHOW

Workshop on Data Analysis using SAS under NAIP Consortium on Strengthening Statistical Computing for NARS from 18th to 20th March,2014:

The workshop on Data Analysis using SAS under NAIP Consortium on Strengthening Statistical Computing for NARS from 18th to 20th March,2014 at the University Library, ANGRAU, Rajendranagar, Hyderabad. This programme was organized under Centre for Advanced Faculty Training programme. The training was conducted for faculty, postgraduate and doctorate students of Home Science. The training was informally inaugurated by the CAFT Director-Dr. Mahalakshmi V. Reddy. The Resource person for the programme was Dr. A. Dhandapani, Senior scientist, NAARM. The total number of participants were 27. The contents covered in the training programme are elementary statistics, Introduction to SAS, SAS Foundation, SAS Data sets, reading data, how to choose various statistical analysis, Data analysis using SAS-t-tests, correlation, regression, Factorial experiments and ANOVA. All the topics were extensively covered in theory and practical sessions. Hands on experience were given to the participants in operating the SAS software for the data analysis in the practical sessions. This training programme proved fruitful to the faculty as it will help them to guide post graduates in thesis writing and also for the post graduates and doctorate students, as it will be greatly benefit them in carrying out data analysis for their research topics. On 20th March during valedictory function certificates were issued for the participants by the CAFT Director-Dr. Mahalakshmi V. Reddy and Dr. A. Dhandapani, and feedback was taken from them.

Workshop on “Agricultural e-Resources, e-Courses and KOHA OPAC” on 26th March, 2014:

The workshop is organized by Central Library for Teachers and scientists at College of Home Science, Hyderabad on 26th March, 2014 under the e-Granth Project. The workshop was inaugurated by Dr. Anurag Chaturvedi, Dean, College of Home Science. The gathering was addressed by Dr. Mahalakshmi V.Reddy. The morning session of the workshop was theoretical where Ravi Shankar has explained about the J-Gate and J- Gate plus utilities and techniques of using the site for literature search, for the consortia Journal, search relevant and current information, view articles etc. Dr. Veeranjanyulu, Chief Librarian, ANGRAU explained about the NAIP sub-project on e-Granth has developed Agri-info-Gateway of CeRA, KrishiPrabha, AgriCat, KrishiKosh and e-Courses are developed under by ICAR under NAIP Project. The main aim of the workshop is to create awareness among the Teachers and Scientists to keep

hem abreast with the latest developments in their respective field. In the afternoon session the participants were given practical exposure to access different cites.



WORKSHOP ON DATA ANALYSIS USING SAS UNDER NAIP CONSORTIUM ON STRENGTHENING STATISTICAL COMPUTING FOR NARS



WORKSHOP ON “AGRICULTURAL E-RESOURCES, E-COURSES AND KOHA OPAC

2. Staff as Resource persons: (outside organization):

SI. No.	Name	Title of the programme	Topic	Date	Organization / venue
1.	Dr. L. Uma Devi, Professor, Department of HDFS	Role of Preschool teacher	Guest Lecture	23. 4. 2013	Kakatiya Public School.
2.	Dr. T. V. Hymavathi, Professor (F&N), P. G. R. C	Millet processing and value addition for nutri-business	Monthly lecture	11. 6. 2013.	CFTRI Regional Centre for AFSTI
3.	Srinath D and Dr. Uma Maheswari K	Processing of Aloe Vera for value addition	Poster presentation	24.10.2013 to 25.10.2013	National Seminar on Food Processing for sustainable food security and safety at Indian Institute of Chemical technology, Tarnaka, Hyderabad
4.	Dr. K. Mayuri, Professor & Head, Dept. of Human Development & Family Studies	Human Development And Family Studies: Crystallizing an Indian Identity	Paper presentation	18.10. 2013	Perceptions of premarital sexual relationships” and also Departmental achievements in Teaching, Research and Extention, in a National conference
5.	Dr. L. Uma Devi, Professor, Dept. of Human Development & Family Studies	Developing Multi media content for preschoolers”	Paper presentation	19.10. 2013	“Human Development And Family Studies: Crystallizing an Indian Identity” to be held at MS University, Baroda
6.	Dr. K Uma Maheswari, Dr. K Uma Devi and Padmavathi TVN	Technologies for extraction of bioactive natural food colours from underutilized	Poster presentation	15.1 1.2013 to 16.1 1.2013	National conference on Bio active food components for health and disease management

		fruits and vegetables			(BFHDM-2013) held at National Institute of Food Technology (NIFTIM), Haryana
7.	Dr. Uma Maheswari K. RaghavendraD , and Padmavathi TVN	Extraction, Utilization and Storage Stability of Natural Food Colour from Pink mushroom (<i>pleurotuseous</i>)	Oral presentation	15.1 1.2013 to 16.1 1.2013	National conference on Bio active food components for health and disease management (BFHDM-2013) held at National Institute of Food Technology (NIFTIM), Haryana
8.	Dr.P.Radha Rani, Professor Dept. of RMCS	Food adulteration	Guest Lecture	23.11.2013.	Jana Vignana Vedika
9.	Dr. L. Uma Devi, Professor, Dept. of Human Development & Family Studies	Infant Stimulation to Extension Officers	Lecture	10.12. 2013	Dept. of Women Development and Child Welfare, Hyderabad
10.	Dr.Anurag Chaturvedi, Professor and Associate Dean	Post Harvest Management of agricultural crops at EEI	Paper Presentation	18.12.2013	Post Harvest Management for Entrepreneurship Development
11.	Dr.K.Uma Maheswari, Professor & Head, Dept. of FDNT	Food safety research reaching markets for sustainable food processing: Decoding global, food safety management system	Paper presentation	6. 1.2014	Seminar on “Sustainable Agriculture and Food processing held at Ratnapuri Agricultural Polytechnic, Ratnapuri, Medak District.
12.	Dr.K.Uma Maheswari, Professor & Head, Srinath D and Durgaraju Ch	Microbiological application of High Power Ultrasound Technology for enhancing the food safety	Poster presentation	6. 1.2014	Microbiological application of High Power Ultrasound Technology for enhancing the

					food safety
13.	Dr. Vijaya lakshmi, Professor Professor & Head, Dept. of FDNT	Food & Nutritional Security of Women in Agriculture	Lecture	6. 1.2014	MANAGE, ANGRAU.
14.	Dr. K.Aparna, Assistant Professor	Right cooking practices and low cost food processing technologies for farmwomen	Talk	8. 1.2014	Food and Nutritional Security of Women in Agriculture", from 6-10 th January, 2014 at MANAGE.

3. Scientific articles published:

S.No.	Name	Title	Journal Name	Volume No.	Year
1.	Elmonzo, Dr. K Uma Maheswari, Dr. Anurag Chaturvedi and T Susila	Nutrient content of selected Herbal crops	J Res. ANGRAU	40 (3) 97- 98.	2012
2.	A.Pandey and Dr. K.Mayuri	Aggressive Behaviour of Early Childhood children in different play settings		78(4)	2013
3.	N.Jyoshi and Dr. K. Mayuri	Conflict and Resolution patterns in Marriage	Indian Psychological review	78(3): 165- 172	2013
4.	A.Pandey and Dr. K. Mayuri	Emerging Adult's perception on sexual relationships	Asian Journal of Psychology and Education	46 (1-2): 18-25	2013
5.	R. Aruna Jyothi and Dr. M. Sarada Devi	Gender differences in personality Development of Child Labourers in Andhra Pradesh	Asian Journal of Psychology and Education.	46(12)	2013
6.	R. Aruna Jyothi and Dr. M. Sarada Devi	Determinants of physical development of child labourers in Andhra Pradesh	Asian Journal of Psychology and Education.	46 (3-4)	2013
7.	B. Manjula and Dr.L.Uma Devi	Physical fight and physical proximity behaviours of children in	Article	46(3-4):7- 15	2013

		condlict with law in various play settings			
8.	L. Vasavi and Dr. M. Sarada Devi,	Differences in the role fulfillment of non working women and their spouses in marital, family, recreational and social life	The Asian Journal of Psychology & Education.	Vol. 45	2013
9.	R. Aruna Jyothi and Dr. M. Sarada Devi	Personality Development of Rural Child Labourers	The Indian Psychological Review	Vol.76	2013
10.	Dr. P. Radha Rani	Purchasing Practices of Educated Home Makers in Twin cities of Hyderabad and Secunderabad	Journal of Community Guidance and Research	30(2)	2013
11.	Soma Kalia and Dr. Mahalakshmi V. Reddy	Design Solutions for Orthopedically Challenged in Higher Education Institutions	The Journal of Human Ecology	43(2): 159-164	2013
12.	M. Madany and Dr. M. Sarada Devi	Role fulfillment of working and Non-Working Muslim Women	The Asian Journal of Psychology and Education	46(5-6): 7-10.	2013
13.	Dr. K. Manorama, Principal scientist (Quality Control Labs)	Red Palm oil for combating Vitamin A deficiency	Palm Oil Developments	58:12-16	2013
14	Srilatha and Dr. K. Uma Maheswari,	Nano food colours for product formulations with selected fruits (Papaya and Balck grapes) and vegetables (Tomato and Beetroot)	Journal of Research, ANGRAU	41(2): 118-122	2013
15.	Alkha Pandey & Dr. K. Mayuri	The emerging Adult's Perception on Sexual relationships: Marital, Live-in, and Extra Marital	Indian Journal of Social Work	74 (1): 31-48	2013
16	Dr. K. Mayuri and Keerthi Reddy	Girl child friendly environments in school; A comparative study of Government school in three regions of A.P	The Asian Journal of Psychology & Education	46 (7-8)	2013
17	E. Shirin Hima Bindu, Dr. V. Mahalakshmi Reddy, Dr. D.	Effect of drying process on keeping quality if Bird of Paradise flower using Floral Freeze Dryer	Journal of Ornamental Horticulture	15 (1): ISSN 0972-0499.	2013

	Ratna Kumari				
18	Dr.L. Uma Devi, Professor	Development of multimedia e-content for preschoolers	Indian Psychological Review	46 (7-8)	2013
19	E. Sharath and K. Uma Maheswari	Sensory properties of guar-gum incorporated tomato sauce	Journal of Research ANGRAU	Vol. XLI No.3, pp 1-144	2013
20	Dr. D. Anitha, S. Dhana Lakshmi and D. Mahesh	Utility of herbal products in antimicrobial finishing of cotton fabrics'	Journal of Research, ANGRAU	Vol.XLI, No.(3) p-82-87. ISSN 0970-0226.	2014
21	V. Prasuna, Dr. T. Neeraja, Dr. P. Radha Rani and Dr. A. Sharada Devi,	Impact of personal variables on work related musculoskeletal symptoms among women working in paking units of pharmaceutical industry'	Journal of Research, ANGRAU	Vol.XLI, No.(3) p-88-93. ISSN 0970-0226.	2014
22	Swetha Kodali, Dr.T. Neeraja and Dr. P. Radha Rani	Influence of Nutritional information on food labels on consumer buying in The Journal of Research	Journal of Research, ANGRAU	Vol.XLI, No.(3) ISSN 0970-0226.	2014

OBJECTIVE IV:

To disseminate the Home science information to personnel of line departments, research institutes, State Agricultural Universities etc.

1. CAFT – H.Sc News Letter

To disseminate research highlights of various aspects of Home Science to different sectors and its personnel a CAFT News letters are is brought out by Centre of Advanced Studies. During the report period, two issues of News Letters were brought out for circulation among the line departments and the organizations involved in Home Science subject's related programmes and to disseminate Home Science information to personnel of different sectors.

5th Issue April 2013 – CAFT - H.Sc News Letter

6th Issue October 2013 – CAFT - H.Sc News Letter



Center of Advanced Faculty Training in Home Science
Acharya N.G. Ranga Agricultural University, Hyderabad (A.P.)

CAFT NEWS LETTER

November-April 2013

Issue No. 5
April, 2013

News in Brief

21 Days CAFT – H.Sc Training on
Experiential Learning

M.Met Fest

NSS Camp

NWEP 2012-13

RKY Programme

RAEW (Regional Research and
Extension Convention for Rural
Women Empowerment)

World Consumer Rights Day

World Diabetes Day

Energy Conservation Week

Training Programme on "Dry Floral
Crafts"

Significant Activities / Achievements

ANNOUNCEMENT

Training programme
for SAU Faculty:
21 days on Training
"Advance Techniques
and Professional
Management of
Research in
Home Science"
From 20th November
to 10th December, 2013.

21 Days CAFT – H.Sc Training on Experiential Learning:

The 24th training programme for faculty on "Experiential Learning Programme in Home Science under SAU'S • Guidelines for Programme Implementation", was organized by of CAFT-H.Sc from 16th November to 6th December 2012. The objective was to extend knowledge and professional competence for entrepreneurship development by working in project mode, to build confidence through end to end approach in product development and to widen enterprise management capabilities including skills for project development and execution, accountancy, national/international marketing, etc.

Twenty faculty members from 11 State Agricultural Universities representing different parts of India viz. Assam, Uttaranchal, Meghalaya, Uttar Pradesh, Karnataka, Maharashtra, Orissa, Tamil Nadu and Andhra Pradesh participated in the training. The programme was coordinated by Dr. A. Sharda Devi (Course Director), Dr. Mahalakshmi V. Reddy (CAFT Director), and Head of the departments of different disciplines in Home Science Dr. Amarag Chatravadi, Dr. K. Mayuri, Dr. D. Anitha, and Dr. Mary Swarnalatha as Course Coordinators. The training was inaugurated by Dr. C. Deva Kumar, ADG (Education and Planning) ICAR, the Chief-guest of the occasion and Dr. Yaduraju, Ex DGO



ICAR, presently working with ICRISAT, Hyderabad as the Presiding officer. On this occasion, a bi-annual Issue 4 of CAFT News Letter edited by Dr. Mayuri, Professor & HOD of department of Human Development and Family Studies was released by the Chief-guest. CAFT – Home Science Web page developed by the CAFT Director was also released on the occasion, which provides access to the current events of all disciplines of Center for Advanced Faculty Training (CAFT) and past events of Center for Advanced Studies (CAS) from inception. This can be accessed from the web site www.caftbs.com

The course content of the training was covered by subject experts from ANGRAU, MANAGE, HCU, NAARM, NISNET, ICRISAT, ALEAP, ISB and related institutions of repute. Theoretical input were given during the first week of the training through class room lectures and interactive sessions with entrepreneurs. The course content was structured with goals and



5th Issue April 2013 – CAFT - H.Sc News Letter



Center of Advanced Faculty Training in Home Science
Acharya N.G. Ranga Agricultural University, Hyderabad (A.P.)

CAFT NEWS LETTER

May - October, 2013

Issue No. 6
October, 2013

News in Brief

21 Days CAFT – H.Sc Training on
Advanced Techniques and
Professional Management of Research
in Home Science

Significant Events

Research Highlights of Ph.D & M.Sc
Research Studies

Department of Foods & Nutrition

Department of Resource
Management & Consumer Sciences

Department of Human
Development & Family Studies

Department of Apparel & Textile
Designing

Ongoing Research Projects

International Programmes

Achievements Corner

Transfers & Superannuation

ANNOUNCEMENT

Training programme
for SAU Faculty:
21 days on Training
"Advance Techniques
and Professional
Management of
Research in
Home Science"
From 20th November
to 10th December, 2013.

About the CAFT training programme on "Advanced Techniques and Professional Management of Research in Home Science"

Home Science profession is currently enjoying renewed attention in the present era. The content of Home Science comes from the synthesis of multiple disciplines like Foods & Nutrition, Human Development & Family Studies, Resource Management & Consumer Sciences, Apparel & Textile Designing and Home Science Extension & Communication Management. This interdisciplinary knowledge is essential because the phenomena and challenges of everyday life are not typically one-dimensional. The capacity to draw outcomes from such disciplinary diversity is the strength of Home Science profession, allowing for the development of research relevant to a wide context. Research in Home science education in various forms like internal and external funded projects, student's research at PG and Ph.D level on various aspects has undergone unprecedented transition from class room to laboratory to industrial to knowledge-based practical applications encompassing effects on society, culture and various aspects of human life.

Over the decades, research methods have been fine tuned and many modern methodologies have been developed. However, conventional knowledge on research methods too is by far not rigorously applied to research, leading to relatively few high quality publications in Home Science research. Most faculty of Home Science would have studied research methodologies from very different perceptions and are likely to have very diverse ideas on research strategies. This training programme is therefore planned to provide contemporary information on research and expose the faculty to some currently available tools and techniques as well as refresh them on time tested methods of research that

have worked well for Home Science research with the following objectives:

1. To promote knowledge and professional competence in research methodologies suitable for the five disciplines of Home Science.
2. To build confidence in developing applying and conducting high quality research.
3. To enhance knowledge in the processes involved in publishing scientific articles.
4. To help understand the role of statistical procedures in research and interpretation of results.

The purpose of research is to inform action. A study designed should seek to contextualize its findings within the larger body of research which should be of high quality in order to produce knowledge that is applicable outside the research setting with implications that go beyond the group that has participated in the research. Furthermore, the results of a study completed should have implications for policy and project implementation. But one problem that often plagues progress in research management is the slow translation of research into practice. Many times, a disconnect exists between those who create the evidence base and those who are positioned to implement the research findings. The underlying problem is the way in which the production of evidence is organized institutionally with highly centralized mechanisms, whereas the application of that science is highly decentralized. This social distance prevails because scientists are more oriented to the specific audiences, than to the



6th Issue October 2013 – CAFT - H.Sc News Letter

2. CAFT – H.Sc – Web Portal

CAS and CAFT - H.Sc Data from inception to till date is generated in soft copy for building the portal. A format of portal is ready but needs refinement and update. This will be linked to ANGRAU portal for public access by June 2012.

Draft Web Page Design



3. Guest lectures to students & staff:

Sl. No.	Resource person	Topic	Date
1.	Mr. Srinivasulu, Pattern Master	Commercial Designing and Manufacturing of Ladies Tops”	26.06.2013 to 27.06.2013
2.	Ms. Richa Prakash, Ph. D. Scholar	“Fashion Accessories”- Trends, Styles of different accessories and manufacturing procedures were discussed in detail	28.6. 2013
3.	Ms. Shaik Khateeza Sultana Fashion Designer	Product Designing Process employed in Garment Industries	2. 7. 13
4.	Mr. Manas Chandra, Fashion Designer	Illustration and portfolio development	5.8. 2013
5.	Dr.S.Sumati, Professor (retired), Dept. Bio-Chemistry	Foetal origins of obesity	9.10.2013

4. Books/ Practical Manuals Developed

Three technical bulletins were published with the following titles:

- Food Quality Control lab- Anurag Chaturvedi, Sreedhar M , Uma Maheswari K, Sujatha V and T V N Padmavathi.
- Development of Shelf Stable Intermediate Moisture fruits and vegetable - Anurag Chaturvedi, Dilip Babu , Sujatha V and T V N Padmavathi products using Radiation Processing as a Hurdle Technology.
- Radiation Processing of Agricultural Commodities Anurag Chaturvedi, Dilip Babu , T V N Padmavathi and Sujatha V.
- Dr.K.Uma Maheswari, Professor & Head and Programme Director (FT), PGRC released a manual on “Food Microbiology” on 27th August 2013 during the national training programme on effective use of e-Home Science courseware.
- Dr.K.Mayuri, Professor and Head, Presented a lecture on 19-7-13 regarding the e-courses on Home Science under Presentation on Agriculture e resources, e courses and OPAC (ROHA).

Manuals:

- Design Guidelines to improve Residential Interiors of wheel Chair dependants Department of RMCS by Ms. Manisha Mohanta, Dr. Mahalakshmi V.Reddy, Dr. Y. Vijaya Lakshmi, Dr. D. Ratna Kumari
- Design Solutions To Improve Kitchens For The Low Visioned, Department of RMCS, Ms. Mariya Sultana, Dr. D.Ratna Kumari, Dr. Mahalakshmi V.Reddy, Dr. L. Uma Devi
- A Practical manual on Fundamentals of art and design, Department of RMCS Dr. VijayaLakshmi Velivelli
- Management of Family Resource Practical Manual, Department of RMCS by Dr. D. Ratna Kumari
- Practical Manual for Environmental Studies, Department of RMCS by Dr. VijayaLakshmi Velivelli
- Developmental assessment of Young Children, Department of HDFS by Dr.L. Uma Devi, Dr. P. Sridevi.
- Set of Cd's on Theme Based e-content from Department of HDFS by Dr. L. Uma Devi, Dr. K. Mayuri.

- Practical Manuals on Print journalism from Department of HECM by Dr. R. Getha Reddy and Mrs. S.L. Kameshwari.
- Practical manuals on mass Communication from Department of HECM by Mrs. S.L. Kameshwari and Dr. R. Getha Reddy.
- Universal Consciousness from Department of HDFS by Dr.M. Sarada Devi
- Conscious Effort from Department of HDFS by Dr.M. Sarada Devi
- Awareness of Consequences from Department of HDFS by Dr.M. Sarada Devi
- Art of consequences from Department of HDFS by Dr.M. Sarada Devi
- Non Judgemental Awareness from Department of HDFS by Dr.M. Sarada Devi
- Organisational Consciousness from Department of HDFS by Dr.M. Sarada Devi
- Self Modelling Conscious effort from Department of HDFS by Dr.M. Sarada Devi
- Problem Solving strategies from Department of HDFS by Dr.M. Sarada Devi

Books:

- The third edition of the book entitled ‘ Reference book in Home Science for UGC NET / JRF / Lecturership’, prepared by Dr. V. Vijaya Lakshmi, Associate Professor was published by Kalyan Publishers, Ludhiana.
- Musculo Skeletal Disorders among Textile Dyers using Natural Dyes by Dr. Neeraja Telaprolu and Dr. Sharada Devi Anne

5. Training programmes/ seminars / workshops attended by staff:

SI No.	Name / Designation	Programme attended	Organization / venue	Period	Purpose
1.	Dr.K.Uma devi, Professor and Dr K.Umamaheswari	3 rd meeting of the "Nutrition Committee of AP Foods"	Nacharam	9. 4.2013	Finalize SNP foods and their composition.
2	Dr. R. Geetha Reddy	Improving Research in Agricultural extension:	EEL, ANGRAU	26.4.2013	
3.	Dr. K. Mayuri, Professor and Head, Department of HDFS	Common wealth of Learning joint workshop on Emerging Practices of Open Educational	NAARM, Hyderabad	16. 5. 2013	

		Resources in Higher Education and Training”			
4.	Dr. P. Amala Kumari, Professor, Department of HECM	A state level meeting of training coordinators of KVKs	Extension Education Institute, Rajendranagar Hyderabad.	7.5. 2013 to 9. 5. 2013	
5.	Dr. D. Anitha, Head of the Department of TXAD	A state level meeting of training coordinators of KVKs	Extension Education Institute, Rajendranagar Hyderabad.	7.5. 2013 to 9. 5. 2013	
6.	Dr. K. Manorama, Professor & Head (F & N)	“Palm Oil Nutrition Week and dietary palm oil in Human Nutrition conference - Nutricon 2013”	Kuala Lumpur	20.5. 2013 to 22. 5. 2013	Invited speaker to present a paper entitled “Red Palm Oil - A panacea for Vitamin A deficiency”.
7.	Dr. Mahalakshmi V. Reddy, Professor & Head, Department of Resource Management	Preservation of Flowers with Freeze Drying Technology	Phoenix, Arizona, USA	16. 5. 2013 to 17. 5. 2013	
8.	Dr. Mahalakshmi V. Reddy, Professor & Head, Department of Resource Management	XXVth Annual International Occupational Ergonomics and Safety Conference	Hilton Garden Inn, Atlanta Airport North, Atlanta, GA, USA	6. 6. 2013 to 7. 6. 2013	Presented papers based on the research work taken up by Ph.D students as a part of the course work.
9.	Dr. K. Uma Maheswari, Professor (Foods & Nutrition) & Principal Scientist, Quality Control Labs	Monitoring, evaluation and impact assessment of Food and Nutrition Security Programmes	Wageningen University, The Netherlands	3. 6. 2013 to 21. 6.2013	Presented the abstracts namely, Rural household food insecurity: Coping mechanisms adopted and Impact Assessment- Supplementary foods supplied by A.P. Foods and Local Food model

					on the nutritional status of preschool children in ICDS projects of Andhra Pradesh, India
10.	Dr T Neeraja, Professor Dept. of RMCS	Street Food Vendors training on Health	Mission for Elimination of Poverty in Municipal areas (MEPMA)	17.06.2013	
11.	Dr. K. Manorama, Professor & Head (F & N)	Functional Foods, Nutraceuticals , Dietetic foods and other foods	New Delhi	18. 6. 2013	FSSAI
12.	Dr.S. Sucharitha Devi, Programme Officer, College of Home Science	149th orientation training Programme	NSS TOC Building, Opp; School of Distance Education, Andhra University campus Visakhapatnam	17.06.2013 to 23.06.2013	
13.	Dr.L. Uma devi, Professor	Workshop	Directorate of Women Development & Child Welfare, Yusufguda, Hyderabad.	3.7. 2013	Review the preschool syllabus being implemented in AWCs for preschool activities and material to be supplied in preschool kit during 2013-14
14.	Dr. R. Geetha Reddy	World Agricultural Forum- 2013- Agri Tech Trade Fair	HICC Hyderabad	4.7.2013	Participation
15.	Ms. Lakshmi Challa and Third year students of B. Sc (Hons) Fashion Technology	The Petals- Accessories Show	Hotel Taj Krishna	5.7.2013	Studied the make, brands and methods of developing accessories as per the trends.
16.	Dr. K. Manorama, Principal scientist	13 th meeting of the Scientific	New Delhi.	9. 7. 2013	FSSAI

	(Quality Control Labs)	Panel on "Functional Foods, Nutraceuticals, Dietetic foods and other similar foods"			
17.	Dr.S. Sucharitha Devi, Programme Officer	NSS functionaries	Directorate of Medical Education Conference Hall DM & HS Campus, Koti,	16. 7. 2013	Involvement of NSS functionaries for chalking out the plan of action for promotion of voluntary blood Donation among NSS voluntary throughout the year.
18.	Dr. Anurag Chaturvedi, and Dr.K.Uma Maheswari,	Nutrition week celebrations	National Institute of Nutrition	3. 9. 2013	Food security for healthy life
19.	Dr. Anitha	meeting for the faculty of Technology	Osmania University, Hyderabad	6. 9. 2013	Finalization of the B.O.S Approved Syllabus for M. Tech and Ph.D on Textile Technology.
20.	Dr. R. Geetha Reddy	A study on female child discrimination among the tribes of Adilabad Distrcit of Andhra Pradesh	National seminar on Sunatastainabil e Development and Planning Organized by University of Gulbarga, Karnataka	6.9.2014 to 7.9.2014	Paper presentation
21.	Dr. Anitha	Demonstration on usage of Eyeris Micro Multi Touch USB Interactive White Board		10.9. 2013	Usage, procedure and ideas in using interactive board
22.	Dr Mahalakshmi V Reddy, Dr. D. Ratna Kumari	Mega Campaign on Conservation of Oil and Gas	Jubilee Hall, Hyderabad.	3.10. 2013	Launch of the campaign
23.	Dr.Anurag Chaturvedi,	Project scrutiny	MFPI, New Delhi.	8. 10.2013.	As a member

	Associate Dean, College of Home Science	committee meeting			
24.	Dr.K.Aparna, Assistant professor	Women in Agriculture for 21 Civil Servants of Afghanistan (30 th Septembe r to 9 th October, 2013)	The National Institute of Agricultural Extension Management (MANAGE),	8. 10.2013.	Guest Lecture delivery on “Food Processing and Value Addition - In the rural context”
25.	Dr. K. Manorama, Principal scientist (Quality Control Labs)	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
26.	Dr.K.Uma Maheswari, Professor & Head (PGRC) and	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
27.	Dr.K.Uma Devi, Professor dept. of FDNT,	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
28	Dr. L. Uma Devi, Professor, Dept. of HDFS,	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
29.	Dr. P. Radha Rani, Professor, Dept. of RMCS	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
30.	Dr. V. Vijaya Lakshmi, Assoc. Professor, Dept. of RMCS	RP-MIP programme	ICRISAT	10.10.2013	Finalise M.Sc students research projects
31.	Mrs. T. Supraja, Dept of Foods & Nutrition,	RTE Foods International symposium	Hilton Mumbai Intern ational, Mumbai.	24.10.2013 to 25.10.2013	
32.	Dr. Jessie Suneetha W Dept of Foods & Nutrition, Post Graduate & Research Center	RTE Foods International symposium	Hilton Mumbai Intern ational, Mumbai.	24.10.2013 to 25.10.2013	Participation
33.	Dr. M. Sarada Devi, Professor, Dept. of Human	Advance issues in Personality	Delhi	29.10.2013 to 30.10.2013	Workshop

	Development & Family Studies				
34.	Dr. L. Uma Devi, Professor, Dept. of Human Development & Family Studies	Finalization of Day-wise activities for Preschool Education in AWCs	WD & CW Dept., Hyderabad	12.11.2013 to 13.11.2013	Workshop
35.	Dr. K. Manorama, Principal scientist (Quality Control Labs)	15 th meeting of the Scientific Panel	New Delhi.	18.11.2013	Functional Foods, Nutraceuticals, Dietetic foods and other similar foods" of the FSSAI
36	Dr. R. Geetha Reddy	Nutrition and Health Orientation of rural women in Ranga Reddy District of Andhra Pradesh	National Seminar at Arts College, Gadwal, Mahboobnagar District	29.11.2013 to 30.11.2013	Paper presentation
37	Dr. R. Geetha Reddy	Influence of Profile Characteristics on the attitude of rural women towards a Telugu television programme on health and nutrition	UAS, Bangalore	5.12.2013 to 8.12.2013	International conference on Extension Education by International Society of Extension Education
38.	Dr. K. Manorama, Principal scientist (Quality Control Labs)	16 th meeting of the Scientific Panel	New Delhi.	6.12. 2013	Functional Foods, Nutraceuticals, Dietetic foods and other similar foods" of the FSSAI
39.	Dr.K. mayuri, CPI, Dept. of HDFS	Workshop on Cross cutting experiences in ICT subprojects	Under NAIP	6.12.2013 to 7.12.2103	Presented feed back on e-Homescience courseware Consortium project
40.	Dr.V. Prasuna and students of Dept of RMCS	Energy Conservation Mission' at The Institution of	Hyderabad	17.12.2013	Seminar on "Haritha Jeevanam for Green Living"

		Engineers (India)			
41.	Dr. P. Radha Rani, Dr. D. Ratna Kumari, Dr. V. Prasuna and students of Dept of RMCS	Energy Conservation Mission' at The Institution of Engineers (India)	Hyderabad	18.12.2013	Workshop on "Energy Efficiency Improvement in Educational Institutions
42.	Dr. T.V.Hymavathi, Professor and the RKVY project Research Associates	three day exhibition	DSR	18.12.2013 to 20.12.2013	The occasion of Global millet meet
43.	Dr.T.V.Hymavathi, Professor	Women members of FICCI AP state Council	N-Convention, Hyderabad	19.12.2013	On the aspects of Social Economics and its importance in business practices for inclusive growth
44.	Dr.K.Manorama, Principal Scientist, Quality Control Laboratory	Preventing and managing cardiovascular disease	Kasturbha college	19.12.2013	Chaired a session on Clinical updates at State Level Workshop
45.	Dr. T. Neeraja	World Agricultural Forum Congress	Hyderabad	05.1.2013 to 07.1.2013	Member of Technical Committee
46.	Dr.K. Mayuri,	Cross learning	Directorate of Oil Seeds Research, Hyderabad.	18.02. 2014	Member
47.	Dr.K. Mayuri	Massive Open Online Courses (MOOC) opportunities for capacity building in the National Academy of Agricultural Sciences (NASS) system	NASC complex, New Delhi.	05.03.2014 to 06.03.2014	Brain storming session
48.	Dr.K. Mayuri	Annual workshop	New Delhi	07.03.2014 to	Presented a report on progress of the

				08.03.2014	project
49.	Dr.K. Mayuri	Lauch cum workshop on TELAGE (Techology based Learning in Agriculture Education)	NARRAM, Hyderabad	14.03.2014 to 15.03.2014	Participant
50	Dr.P. Sreedevi	Lauch cum workshop on TELAGE (Techology based Learning in Agriculture Education)	NARRAM, Hyderabad	14.03.2014 to 15.03.2014	Participant
51.	Dr. M. Sarada Devi	Advanced communication strategies, Advanced issued in Public Relations	New Delhi	15.03.2014	
52.	Dr. Mahalakshmi V Reddy, Principal Scientist of DST Project	International Work shop on Natural Dyes	Hyderabad	06.03.2014	Presented a paper on 'Effect of Hydration Treatment with Natural Floral Dyes on selected White Flowers'
53.	Dr.K.Uma Maheswari	International Work shop on Natural Dyes	Hyderabad	06.03.2014	Presented a paper on 'Physicochemical, Nutritional, Sensory, Microbial Quality and Storage stability of Natural Food Colours extracted from Underutilized Fruits and Vegetables'
54.	Dr.T.V. Hymavathi	International conference on Ethics, Equity and Inclusion in Science and Technology:	New Delhi	06.03.2014 and 07.03.2014	Participation

		Global and Regional Perspectives -			
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6. Popular articles published:

Sl. No.	Name / Designation	Title	Magazine / news paper / news letter	Date / month / year
1	Dr. M. Sharada Devi, Professor	Suggestions to various queries of public in Counselling and Guidance column	Vartha News paper	Weekly
2	Department of RMCS	“Drying Techniques, on Preparation of Photo frame and Shadow Boxes and Flower Basket to popularize dry flower preservation technique”	Eenaadu news paper	
3	Dr. K. Uma Devi, Professor	Millets as better substitutes in our daily menu – Breakfast, beverages, meals & snacks	Eenadu news paper	13.10. 2013
4	Dr. M. Sarada Devi, Professor	weekly suggestions to various queries of public in Counselling and Guidance column	Vartha News paper	Weekly
5.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly
6.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly
7.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly
8.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly in October
9.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly
10.	Dr. M. Sarada Devi, Professor Department of HDFS	various queries of public in Counselling and Guidance	Vartha News paper.	Weekly

7. Radio talks:

Sl. No.	Name / Designation	Title	Date of broadcast	Place / venue
1.	S. L. Kameswari, Assistant professor, Department, HECM	Interview about “the transformation of the department of Home Science Extension and Communication Management, College of Home Science, Hyderabad and the various career opportunities for the students who are trained in the department”	10.6.2013	AIR
2.	T. Supraja, Asst. Professor, Dept. of FDNT	Minimizing the Post Harvest losses” on the occasion of World Food day	15.10. 2013	AIR

8. T.V. Programmes:

Sl. No.	Name / Designation	Title	Date of Telecast	Place / venue
1.	V. Vijaya Lakshmi, Professor Dept. of FDNT	Guide programme - phone in programme on prospects of Home Science	4. 6. 2013	Vanita TV,
2.	V. Vijaya Lakshmi, Professor Dept. of FDNT	Diet for school going children	6. 6. 2013	Andhra Jyothi
3.	Dr.M.Sarada Devi, Professor, Dept. of Human Development & Family Studies	Live talk show on Women Problems	9.12.2013	Vanitha T.V
4.	Dr.M.Sarada Devi, Professor, Dept. of Human Development & Family Studies	Women Problems on Depression among couples	29.1.2014	Vanitha T.V.
5.	Dr.M.Sarada Devi, Professor, Dept. of Human Development & Family Studies	Psychological problems among couples	31.1.2014	Vanitha T.V.
6.	Dr.M.Sarada Devi, Professor, Dept. of Human Development & Family Studies	Conjugal problems on and family problems	7 .3.14	Vanitha T.V.

9. Extension activities:

Sl. No	Name / Designation	Programme	Place, Date	Purpose
1.	RKVY project	Training cum awareness programme, Boyapally, Enmangandla villages	15. 5. 2013	Treating fabrics with antimicrobial finish
2.	RKVY project	Training cum awareness programme, Dokuru, Mahaboobnagar district	16. 5. 2013	Treating fabrics with antimicrobial finish

3.	Dr. D. Anitha	Tribal Sub Plan on value addition to fiber	Chinthapalli, of Vishakhapatnam district, 21. 6. 2013	Identifying three villages under project
4.	Dr. M. Sarada Devi, Professor, Dept. of Human Development & Family Studies	Turakapalli, Sameerpet Mandal, Hyderabad.	22. 09. 2013 to 29. 09. 2013	Nutrition and health interventions for tribal people under NABARD project
5.	Dr. D. Anitha, Professor, Dept. of TXAD	Warangal district - Damera and Ganturupalli villages	9.10. 2013	Selection of RHWEP villages

10. Visitors:

S.No.	Name/Address of the visitor	Purpose	Date
1.	Mrs. Fauziah, Head of Technical Advisory Services Dr. Nagendran, Head of Nutrition Unit Mrs. Subashini Nadras, Regional Manager of South Asia	Discuss possibilities for future collaboration	6. 6. 2013
2.	Artisans of subject matter specialists of Dastakar, CIRCOT	As a part of field visit-visited dyeing and printing unit and	15. 6. 2013
3.	Dr. Rama Rao, National Director, NAIP-ICAR, Component-II, Dr. Anjaneyulu, University Head Librarian, Dr. T.V. Satyanarayana, Dean I/C of Home Science	Experiential learning unit and met the B.Sc (Hons.) IV year students	28.8. 2013
4.	Mrs. Durga Lakshmi Venkataswamy	Work done by students of Department of Apparel and Textiles	16. 9.2013
5	Dr. T.V. Satyanarayana, Dean I/C of Home Science	Training and production unit, Dept. of TXAD	5.10. 2013
6	Mr. Asif, Freelance Fashion Designer, Ahmedabad	Visited the dept. of TXAD and discussed on the current design works and collections.	December
7.	14 students from University of Missouri, USA	Visited PGRC and QC Labs, for marketing and business development.	7.1. 2014
8.	Mr. Ramachandra Rao Asst. Director, MSME	Visited the Department of Apparel and Textiles, discussed about Entrepreneurship training programme.	10. 1.2014
9.	Mr. Chalapathi Rao from DNV Firm	Visited the Department of	17.1. 2014

		Apparel and Textiles and discussed about ISO 9000 certification to Textile Quality Lab	
10.	Mr. Kumar ,Director, Weavers Service Centre, Hyderabad	Apparel and Textile department	27. 1.2014
11.	Undergraduate students from College of Rural Home Science, University of Agricultural sciences, Dharwad, Karnataka	College of Home Science for study tour	29.1.2014
12.	Undergraduate students from College of Rural Home Science, University of Agricultural sciences, Dharwad, Karnataka	College of Home Science for study tour	5. 2. 2014

WORK PLAN PROPOSALS CENTRE OF ADVANCED FACULTY TRAINING

FOR THE YEAR 2014 - 15

FOR APPROVAL

**College of Home Science, Post Graduate & Research Centre
Rajendranagar, Hyderabad - 500 030.**

I. OBJECTIVES

- To serve as a national resource and training centre for faculty in the frontier areas of Home Science.
- To update the curriculum and courses of Faculty of Home Science to strengthen teaching and evaluation at UG and PG level.
- To support the government in training personnel.
- To disseminate home science information to personnel of different sectors.

II. OUTPUTS/PROGRAMMES TO BE IMPLEMENTED DURING THE YEAR 2013 - 2014

OBJECTIVE 1

To serve as a national resource and training centre for faculty in the field of Home Science in State Agricultural Universities.

ACTION PLAN

A. Short courses: Conducting 21 Days Training programmes in priority areas of Home Science as per the need.

1. **Topic for Training Programme: “Home Science Knowledge Management (KM) - Innovative processes and tools”**

Justification of the proposed programme : Home Science discipline has developed apt and ample information, through consistent academic, research and extension activities, for versatile stakeholders. This has to be converted into explicit knowledge management platform, which provides access and mutual exchange among academicians, scientists, extension professionals, students and public society, essentially women. Knowledge management is a multifaceted system of knowledge creation and capture, sharing and enrichment, information storage and retrieval, and knowledge dissemination. It has different stages involving different processes and tools. As of now, agriculture and business are the major fields using knowledge management to

reach the internal and external publics. There is a potential need for Home Science discipline too, to manage the dissemination of quality life knowledge. Accordingly, this training programme is planned to impart knowledge in designing, development and management of knowledge repository, and ultimately to inspire faculty for such a dynamic endeavour.

2. **Topic for Training Programme: “Advances in Food Processing Technologies for Value addition and Enterprise Development”**

Justification of the proposed programme : India stands first in grain and milk production, second in fruit and vegetable where as processing scenario is very gloomy with less than 10% of produce being processed. The global situation is quite different from what is seen in India. Globalisation and modernisation has given tremendous scope for entrepreneurial development in the food processing sector due to present day consumer’s knowledge regarding health, hygiene and food safety as an estimated doubling of demand for processed foods by 2020. Over the decades, many new technologies have evolved in the processing industry like non thermal processing, nanotechnology, aseptic packaging and so on. Processed food technologies can be boosted by integration of production, processing, research institutions, allied industries, utilities like power, water, ware housing, testing facilities, location specific labour laws, transportation, multi location processing establishments and so on. However, conventional knowledge is being imparted in various disciplines of Food, Nutrition, Food Engineering, Horticulture, Veterinary Science and other allied fields.

This training programme is therefore planned to provide contemporary information on food processing technologies and expose the faculty to currently available processing techniques. New approaches in food processing include integration of value addition, brand building, packaging, food safety implications, increase in operation efficiency and extension of shelf life. To create more sustainable food processing sector, enterprise development with cost effectiveness and increased profitability will lead to empowering the stake holders in food processing sector.

Venue with full postal/e-mail address and office phone/fax numbers:

- a. **Venue :** Post Graduate & Research Centre, ANGRAU, Rajendranagar
- b. **Email address :** cafthscangrau@gmail.com
- c. **Phone number :** 040 23230781- Extn: 221, Fax No. : 040 23230781

Proposed dates: Proposed dates (From – to):

Topic 1: 3rd September to 23rd September, 2014

Topic 2: 4th September to 24th September 2014

Other Priority areas identified for Short Courses

- Advances in post harvest technologies and processing
- Knowledge management portal for Home Science
- Nano-technology and its application for product enhancement
- Value chain in product design and development
- Occupational health and safety in formal and informal sector
- Geriatric health issues and self sustenance

OBJECTIVE 1 B. ALLOCATION OF SEATS UNDER PG PROGRAMME

Provision of seats in M. Sc. and Ph. D. in Home Science to outside State candidates selected through a common test conducted by ICAR.

OBJECTIVE 1 C. RESEARCH

ON –GOING RESEARCH

CAFT center will continue on the on-going projects sponsored

DST Project

UNICEF

RVK – AP

RKVY - ICAR

Some of the projects proposed by the faculty to funding agencies will be taken up during the academic year 2014 - 2016

OBJECTIVE 2

To update the curriculum and courses of Home Science to strengthen teaching and evaluation at UG and PG level

ACTION PLAN

Undertake necessary revision in UG and PG curriculum of Home Science to cope with changing needs, and implement the programme 2014-15 admitted batch.

It is proposed to have a workshop on Spoken Tutorials which will be organized by National Education Mission, by IIT Mumbai. These workshops are of 2 hour duration and totally free of cost, as this project is sponsored by MHRD, Govt. of India. Spoken Tutorial team, IIT Bombay, monitors these workshops in the college campuses. They are working for a National Mission and looking forward to reach out to a maximum number of students. The workshop is of 2hour video session to teach software. It helps learning open source software (Linux, LaTeX, Scilab, Python, PHP & MySQL, LibreOffice, GIMP, etc.) independently for free. The first session of the workshop is going to be held on 10th April 2014 for the students of College of Home Science.

OBJECTIVE 3

To support the Government in training personnel and in implementation and evaluation of Home Science programmes.

ACTION PLAN

Assessing and developing the training needs of the line departments (Women's Development & Child Welfare; Social & Tribal Welfare, Panchayat Raj & Rural Development) through meetings and group discussions. Trainings are planned to train the functionaries from Women Development and Child Welfare department on request of the WDCW dept. Home Science information through mass media (TV, Radio and Press) for awareness creation.

OBJECTIVE 4

To disseminate Home Science information to personnel of different sectors.

ACTION PLAN

Bring out the CAFT News letter for circulation among the line departments and the organizations involved in home science related programmes.

Special issues of news letters on the topics related to the proposed training will be taken up to give lots of pre-orientation to the training. Latest developments in the department Apparel and Clothing, Foods & Nutrition, Resource Management and Consumer Sciences, Human Development & Family Studies, Home Science Extension and Education Management will be brought out.

These will be made access to public through CAFT web portal.

CAFT web portal will be updating CAFT web portal will be taken up time to time.

IV. Budget Proposal for the year 2014-15

S. No.	Particulars	Amount (Rs.)
1	21 days training (Two)	7,50,000.00
2	TA / DA	30,000.00
3	Purchase of books	35,000.00
4	Recurring contingencies	2,40,000.00
5	Staff Salary	4,00,000.00
	GRAND TOTAL Rs.	14,55,000.00

(RUPEES FOURTEEN LACS AND FIFTY FIVE THOUSAND ONLY)