



TWENTY-THIRD ANNUAL REPORT OF CENTRE FOR ADVANCED FACULTY TRAINING IN HOME SCIENCE

(APRIL 2017 – MARCH 2018)



Submitted by

Dr. K. UMA MAHESWARI
DIRECTOR CAFT - HOME SCIENCE

**POST GRADUATE & RESEARCH CENTRE
FACULTY OF HOME SCIENCE**
PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY
RAJENDRANAGAR, HYDERABAD – 500 030

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RAJENDRANAGAR: HYDERABAD – 500 030**

**TWENTY-THIRD ANNUAL REPORT OF
CENTRE FOR ADVANCED FACULTY TRAINING
FOR THE YEAR 2017-2018**

1. Project Title : Centre of Advanced Faculty Training.
2. Sanction No. : Proc. No. 37735/H.Sc/A1/94,
Date: 22-9-95 of APAU
3. Report Period : April 2017 – March 2018.
Report No. : XXIII
4. Date of Start : 02-11-1995
5. A) Name of Institute/Station : Professor Jayashankar Telangana State Agricultural
University Rajendranagar, Hyderabad
- B) Division/Department/
Section : Centre for Advanced Faculty Training
Post Graduate & Research Centre,
Faculty 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
2018-19 (Appendix II enclosed)
7. Technical Personnel employed (list of vacancies, if any)

Contractual Personal	Posts filled	Posts to be filled
1. Computer Operator / J.A.C.T	ONE	--
2. AVA Operator/Technical Assistant	ONE	--

Technical staff employed:

Name with Designation	Date of Joining	Date of leaving
Contractual basis		
Smt. K. Shakuntala Computer Operator / J.A.C.T @ Rs. 10462/- Consolidated pay	01.09.2017	31.03.2018
Ms. N. Keerthi Technical Assistant / AVA Operator @ Rs. 7912/- Consolidated pay	01.09.2017	31.03.2018
Ms. M. Jyothirmayi JRF- Junior Research Fellow @ Rs. 25,000/- Consolidated pay	14.11.2017	31-12-2017

8. Total outlay : Rs. 1,72,70,345.70

S No	Year	Budget sanctioned (Rs)
1	1995-96	4, 56,219-20
2	1996-97	9, 61,192-20
3	1997-98	12, 01,649-20
4	1998-1999	9, 10,103-40
5	1999-2000	4, 86,691-75
6	2000-2001	7, 03,771-30
7	2001-2002	5, 28,023-90
8	2002-2003	5, 14,463-75
9	2003-2004	6, 32,489-00
10	2004-2005	4, 75,996-00
11	2005-2006	6, 45,016-00
12	2006-2007	6, 79,644-00
13	2007-2008	5, 06,987-00
14	2008-2009	7, 77,737-00
15	2009-2010	4, 33,989-00
16	2010-2011	5, 26,084-00
17	2011-2012	10, 27,806-00
18	2012-2013	9, 44,662-00
19	2013-2014	9, 57,426-00
20	2014-2015	13, 59,824-00
21	2015-2016	8, 49,234-00
22	2016-2017	7, 94, 384-00
23	2017-2018	8,96,953-00
Total Rs.		1,72,70,345-70

Budget & Expenditure particulars for 2017-18:

S.No.	Particulars	Budget in Rs.	Expenditure in Rs.	Balance in Rs.
1.	Training Programme	6,56,500-00	4,61,960-00	1,94,540-00
2.	TA & DA	50,000-00	0-00	50,000-00*
3.	Recurring Contingencies	4,00,000-00	4,00,000-00	0-00
4.	Books	35,000-00	34,993-00	7-00
Total Rs.		11,41,500-00	8,96,953-00	2,44,547-00

* This amount was not utilized in anticipation of the ICAR workshops for CAFT Directors are organized in the months of February and March 2017.

9. Total amount spent in previous year (2016-17): 7, 94, 384-00

10. Total amount sanctioned/spent during the year under report

a) Sanctioned	:	Rs. 11,41,500-00
b) Spent	:	Rs. 8, 96,953-00
c) Account Balance	:	Rs. 2,44,547-00

11. Total No. of months : 12 Months (From April,2017 –March, 2018)

12. Summary : Enclosed.

Signature :

Name	:	Dr.K.UMA MAHESWARI
Designation	:	DIRECTOR- CAFT –H SC & Professor, University Head (Foods & Nutrition)

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

**FOR THE YEAR 2017 – 18
Post Graduate & Research Centre, College of Home Science
Rajendranagar, Hyderabad - 500 030**

I. OBJECTIVES

- To serve as a national resource and training center 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 TO BE IMPLEMENTED DURING THE YEAR 2017-2018

Objective 1

- To serve as a national resource and training center for faculty in the field of Home Science in State Agricultural Universities.
- **Action Plan**

A. Training Programmes

CAFT - H.Sc organized **21 days Training programme** titled “**Student READY programme in Home Science - Modalities and Guidelines for Programme implementation**” from 1st to 21st November 2017 .(Reported in Page No: 56)

B.

i) One day workshop on feasibility of introducing B.Sc (Hons) Food, Nutrition and Dietetics

Staff of Home Science met on 27th, September, 2017 at PGRC, C H Sc, PJTSAU, Hyderabad to discuss feasibility of introducing B.Sc (Hons) Food, Nutrition and Dietetics in addition to the existing B.Sc (Hons) Community Science programme. The Meeting was convened by Dr.K.Uma Maheswari, Director, CAFT-H SC and Professor & University Head, Dept of Foods & Nutrition, PGRC, PJTSAU, Hyderabad. **(Reported in Page No. 45)**

ii. Interaction meeting for implementation of V Dean’s committee recommended curriculam of B Sc(Hons) Community Science

One day interaction meeting for implementation of V Dean’s committee recommended curriculam of B Sc (Hons) Community Science was held on 1-11-2017 at CAFT- H SC, PGRC, PJTSAU, Hyderabad. **(Reported in Page No. 47)**

C. ALLOCATION OF SEATS UNDER UG AND PG PROGRAMMES

Provision of seats is there in B.Sc (Hons) Community Science and M.Sc and Ph.D in Home Science. In M.Sc and Ph.D in Home Science the seats are allocated to outside state candidates and local candidates through a common test conducted by ICAR/PJTSAU (Reported in Page No. 48)

D. RESEARCH

I. FACULTY RESEARCH (Reported in Page No : 48)

II. STUDENT RESEARCH (Reported in Page No : 51)

Objective 2

To update the curriculum and course of home science and strengthen teaching and evaluation, at UG and PG level. **(Reported in page No:53)**

Action Plan

The V Deans committee recommended 4 year degree program with 3+1 option is being implemented to student's from the academic year 2016-17 with a change of nomenclature as community science. Paralelly the IV Dean's Committee recommended '4' years of degree program i.e. B.Sc. (Hons) Fashion Technology are continuing with II, III and IV year students. **(Reported in page No:6)**

Dr. G. Venkateswarlu, ADG (EQR), ICAR, New Delhi, interacted with faculty of Home science and explained in detail about the modification done in 5th Dean's committee syllabus. He explained in detail about the importance of "STUDENT READY" programme and how to plan modules for ELP. He also explained about the enhancement of credit hours to 180 for B.Sc. (Hons) Community Science. Dr. A. Mrunalini, Dean of Home Science, Associate Dean, College of Home Science, CAFT Home Science Director, Dr. K. Uma Maheswari and other Head of the departments and faculty members participated in the discussion

PG degree course content and new guidelines were evolved and being implemented by all the departments with the formation of new university that is Professor Jayashankar Telangana State Agricultural University, after bifurcation of the state of Andhra Pradesh.

Objective 3

To support the Government in training personnel and in implementation and evaluation of Home Science programmes **(Reported in Page No: 68)**

Action Plan

Assessing and developing the training needs of the line departments (Women's Development & Child Welfare; Social & Tribal Welfare, Panchayat Raj & Rural Development, Department of School and higher education, Department of Foods & Civil Supplies, Consumer Affairs, Commissionerate of Food and Agriculture) through meetings and group discussions. Awareness creation of Home Science information through mass media (TV, Radio and Press). In addition faculty extends support to UNICEF, BARC and SERP in the developmental activities.

Objective 4

To disseminate Home Science information to personnel of different sectors

Action Plan

Two half yearly news letters were released on Teaching, Research and Extension activities of the faculty and special activities organized at Faculty of Home Science in their specialized areas and shared with all the line departments and SAU's. **(Reported in Page No -88)**

CAFT-H.Sc Web page was regularly updated from time to time to disseminate new and arising events and outcome of the training events

III. EXPECTED OUTCOME BY THE END OF THE PLAN PERIOD

- ❖ To provide common resource material for teaching and evaluation of Home Science programmes at PG level.
- ❖ To facilitate faculty improvement in terms of teaching, research and extension
- ❖ To strengthen Under-graduate & Post Graduate Education and Research in all disciplines of Home Science in other State Agricultural Universities.
- ❖ To Build 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 2017 to March 2018**

INFRASTRUCTURE FACILITIES

I. Staff Recruitment:

Engaged the following personnel on contract basis vide university Proceedings No.6551/DHSc/3/P/Lab/A2/2017; dt. 21.10.2017 and Memo No. 12002/Ser.T/A2/2017; dt. 28.10.2017.

S No	Name with Designation	Date of Joining	Date of leaving
1	Smt. K. Shakuntala Computer Operator / J.A.C.T @ Rs. 10462/- Consolidated pay	01.09.2017	31.03.2018
2	Ms. Keerthi Technical Assistant / AVA Operator @ Rs. 7912/- consolidated pay	01.09.2017	31.03.2018
3	*Ms. M. Jyothirmayi JRF- Junior Research Fellow @ Rs. 25,000/- Consolidated pay	14.11.2017	31-12-2017

* Employed to assist the Director CAFT H.Sc. to create documents for dissemination of CAFT information and for developing CAFT – H.Sc News letter, Web portal and to help in smooth conduct of the training program.

II. Civil Works

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

- Seminar hall/Lecture hall
- Conference room
- Computer room
- Library room
- Office room
- Class rooms
- Store room
- Equipment room/Laboratory
- Museum Hall

III. Books Purchased

S.No.	Author	Book Title	Quantity
1.	Krishnakumar	Leaf vegetables	1 No.
2.	Fuller	New food product development from concept to market	1 No.
3.	Shamra	Text book of food science and human nutrition	1 No.
4.	Chatterjee	Health nutrition and diseases	1 No.
5.	Sahadeva Dasa	Tsumani of diseases headed our way-know your food	1 No.
6.	Kaur	Medical foods from natural sources	1 No.
7.	Chavan	Millets nutritional value & processing tech (HB)	1 No.
8.	Kalla	Communication skills for extension workers	1 No.
9.	Chavan	Nutraceutical functional foods in (2 vols)	1 No.

IV. ACADEMIC ACTIVITIES

OBJECTIVE I

A. Short course (21 days training)

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 Faculty Training in Home Science, Professor Jayashankar Telangana State 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 16 years i.e. from 1995-2010. Organizing advanced training programmes (21 days duration) is one of four major objectives of this centre. Up to 2016 it organized 29 training programmes. During the reporting year i.e., 2017-18, 30th training programme was conducted on “**Student READY programme in Home Science - Modalities and Guidelines for Programme implementation**” from 1st to 21st November 2017, with CAFT-Director , Dr.K.Uma Maheswari, Course Director Dr. D.Ratna Kumari, Professor and Course Co-Directors Dr. V.Vijaya Lakshmi, Professor and Ms.Sireesha Deepti, Assistant Professor. For the training programme report was submitted to ICAR. However a brief report of the training programmes is furnished here under.



CENTRE FOR ADVANCED FACULTY TRAINING IN HOME SCIENCE



Professor Jayashankar Telangana State Agricultural University
Post Graduate and Research Centre
Rajendranagar, Hyderabad - 500 030

“STUDENT READY PROGRAMME IN HOME SCIENCE - MODALITIES AND GUIDELINES FOR PROGRAMME IMPLEMENTATION” *TRAINING REPORT*

Dr. K. Uma Maheswari

Professor & University Head (Foods & Nutrition)
Director-CAFT HSc PG & RC

Course Director

Dr. D. Ratna Kumari, Professor
Dept of RMCS

Course Co-ordinators

Dr. V. Vijaya Lakshmi, Professor
Dept of RMCS

Mrs. S. Sirisha Deepthi, Assistant Professor
Dept of APTX



ACKNOWLEDGEMENT

The CAFT Director, Course Director and Course Co-Directors gratefully acknowledge the financial support provided by the Indian Council for Agricultural Research (ICAR) for conducting the 21 days training programme entitled “**Student READY programme in Home Science - Modalities and Guidelines for Programme implementation**” held from 1st November to 21st November 2017, under Center for Advanced Faculty Training in Home Science.

Our special thanks to Dr. V. Praveen Rao, Hon’ble Vice-Chancellor, Professor Jayashankar Telanagana State Agricultural University for the encouragement and guidance to conduct CAFT – HSc activities under the Faculty of Home Science. Special thanks to him for sharing his valuable thoughts with us.

We express our sincere thanks to Dr. A. Mrunalini, Dean Faculty of Home Science for the total support and for the valuable inputs that were given to us before and during the training. We pledge that we all will work towards creating ‘human capital with an economic worth’.

We also thank Associate Dean and Heads of all the five departments of Home Science at College of Home Science, Hyderabad for their valuable contributions and suggestions in bringing out the Student READY component manuals.

Our earnest appreciation to the chief guest of the inaugural programme **Dr. G. Venkateswarlu**, ADG (EQR), ICAR, New Delhi, who addressed the gathering on need and scope of Student READY programme in Agricultural Universities’. His talk on the importance of the student READY programme and his call to all teachers to collectively use the training programme platform to develop common modalities to implement the student READY programme are commendable.

Our gratitude is due to Dr. Vanitha Jain, Principal Scientist, Education Division, ICAR for spending the day with the CAFT team and appraising about the ‘Programmes of education division of ICAR’ to the participants.

We thank the non-teaching staff of CAFT-H Sc PG&RC for their support and help rendered during the training programme.

Special mention of all the authorities of SAU’s for nominating the participants and of all the participants, for attending the training programme.

The coverage of the programme by the University press is also acknowledged.

Dr. D. Ratna Kumari
Course Director

Dr. K. Uma Maheswari
Director, CAFT-H.Sc.

CONTENTS

- 1 Executive summary
- 2 About CAFT-Home Science Training Programme
- 3 List of Participants
- 4 Organizing Committee
- 5 Resource persons
- 6 Schedule of events
- 7 Day to Day report of the training
- 8 Evaluation Schedules
- 9 Manuals developed b the participants
- 10 Lecture notes and power point presentations

EXECUTIVE SUMMARY

Dr. D.Ratna Kumari, Course Director

The idea of proposing this 21 days training programme under CAFT Home Science started as a simple thought to supplement the Home Science Faculty of SAUs with READY Training to match the ICAR Flagship programme of Student READY (Rural Entrepreneurship Awareness Development Yojana) programme to reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture.

This idea slowly developed into a fully oriented 21 days programme schedule covering all aspects of study. The one year Student Ready programme has five components viz. Experiential Learning (ELP), Skill Development Training, Rural Awareness Work Experience (RAWWE), Internship/ in-plant training and Student Projects with inputs and suggestions from the learned faculty of PJTSAU from 1st to 21st November 2017.

The Student READY (Rural Entrepreneurship Awareness Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life situation to undergraduate students about practical community science, agriculture and allied sciences. The programme aims at providing a high quality professional competence, practical work experience in real life situation to graduates, production oriented learning, production to consumption project working, producing job providers rather than job seekers. It also aims in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the passed out students for self-employment. It also aims to provide opportunities to acquire hands-on-experience and entrepreneurial skills and reorient graduates of SAU's for ensuring and assuring employability.

This being a new concept introduced in the Fifth Deans Committee Syllabus and the change of nomenclature to 'Community Science' from the previously termed 'Home Science' and changes in the curriculum, it is essential to develop common guidelines and modalities for uniformity in implementation of the programme in Home Science Faculties in all SAU's. All the facets of Student READY (Rural Entrepreneurship Awareness Development Yojana) programme like, ELP, RWEP and Internship need to be revisited and revised to suit the changed curriculum. The faculty involved in offering this programme need to be oriented about the various components involved in towards successful implementation of the programme.

Hence this programme was planned to train faculty with the following objectives so that they will in turn be able to motivate and guide students to achieve the set goals.

Objectives

- To impart skills and promote professional competency among the Community Science undergraduate students for entrepreneurship development.
- To motivate students for promotion of enterprises in business model.
- To provide an insight into the need for Work Experience Programme and Internship in Community Science Programme.

Training brochures were sent to all Vice Chancellors, Deans and Associate Deans of SAU's having Home Science Faculty asking for nominations, where 9 Universities responded and 24 participants applied. Twenty participants were approved but only a total of 16 participants reported. The details are as follows.

S. No	Name of the University	No of Participants
1.	Assam Agricultural University, Assam	2
2.	Dr. Rajendra Prasad Central Agricultural University (DRRPCAU), Samastipur, Bihar	1
3.	University of Agricultural Sciences, Karnataka	1
4.	Vasantrao Naik Marathwada Krishi Vidyapeeth (MAU), Maharashtra	2
5.	Tamilnadu Agricultural University, Tamilnadu	1
6.	Acharya N G Ranga Agricultural University, Andhra Pradesh	3
7.	Dr. Y.S.R. Horticultural University (YSRHU), Andhra Pradesh	1
8.	Professor Jayashankar Telangana State Agricultural University, Telangana	3
9.	P.V. Narsimha Rao Telangana Veterinary University (PVNRTVU), Telangana	1
10.	Jawaharlal Nehru Krishi Vishwavidyalaya, Madhya Pradesh	1

A total of 25 relevant speakers, were selected for various topics. The course content was covered by experts of the respective subjects from PJTSAU (both Present and retired), NAARM, ni-MSME, NIRD, MANAGE, Woxen Business School, Sreenidhi Institute of Engineering and Technology, ICRISAT, ANGRAU and successful business enterprises.

The mode of delivery of information includes panel discussion, lectures, practicals, workshops and field visits to successful business ventures and industries. A total of 20 lectures, 12 practicals, 1 panel discussion, 3 one day workshops and 4 field visits were included in the training schedule.

Benefits for participating organizations

- The participants can learn/ refine / reorganize their understanding of Student READY Programme which in turn will benefit their respective university's ability to offer this new programme to students.
- Participants can learn about various components of Student READY Programme which will help refine their approach in offering the course and this in turn can prepare the fresh graduates to become entrepreneurs, as envisaged by ICAR.
- Trainees will learn to design training situations and learn how to apply experiential activities relevant to industry to start as a business mode.
- Trainees learn and practice facilitator skills and mentoring skills needed to lead effective trust building and problem-solving activities in students.

- This training would equip the trainees with tools and techniques to make a difference in the lives of participants and minimize the risk of the technically complex, experiential activities of Student READY Programme.
- Participants can collaborate and develop inter disciplinary/ multidisciplinary approach towards Student READY Programme at the training itself.

The discipline wise details of the participants are RMCS-1, HDFS-4, APTX- 4, FDNT- 4, EECM: 1, others: (Agril Extn, Horticulture) - 2. This interdisciplinary participation helped in developing the manuals covering all aspects of SRP in Community Science as detailed below.

Developing guidelines for Student READY Programme in Community Science

1. Business Models
2. Skill development Models
3. Rural Work Experience Programme
4. Internship
5. Project

The inauguration of 21 day training programme on “**Student READY programme in Home Science - Modalities and Guidelines for Programme implementation**” was held on 01-11-2017 at Centre for Advance Faculty Training in Home Science, PG and RC, Professor Telangana State Agricultural University, Hyderabad.

CAFT Home Science Director, **Dr. K. Uma Maheswari** heartily welcomed the guests and the participants to the programme and explained about CAFT Home Science and its activities. Course Director, **Dr. D. Ratna Kumari**, gave a brief introduction to the training programme mentioning the aim of the programme was to develop common guidelines and modalities for uniformity in implementation of READY programme in all Community Science Faculties in SAU's. Sixteen participants from 10 State Agriculture / Horticulture / Veterinary Universities i.e. Telangana, Assam, Andhra Pradesh, Jabalpur, Maharashtra, Bihar, Tamil Nadu and Karnataka have enrolled in the training programme.

The chief guest **Dr. G. Venkateswarlu**, ADG (EQR), ICAR, New Delhi, released newsletter (November 2016 – March 2017, Issue No 12) of CAFT-HSc. He delivered the key note address on ‘Need and scope of Student READY programme in Agricultural Universities’. He stressed the importance of the READY programme and explained to the participants how the concept was included in the V Dean's syllabus. He also implored all the teachers to collectively use the training programme platform to develop common modalities to implement the student READY programme.

Dr. A. Mrunalini, Dean of Home Science, while delivering her presidential remarks stressed that READY programme is step towards adding value to the human capital generated from the universities. The concept of PASTE; P - philosophy of student READY, A - areas of value addition like human capital, products etc, S - strategy to implement the READY concept, T – talent/training/technology, E – experience, was put forth to the gathering. She emphasized that ‘*human capital with an economic worth*’ will be the outcome of student READY programme. **Dr. V. Vijaya Lakshmi**, the Course Co-ordinator proposed vote of thanks.

The Course Content covered during the training programme was

- ✓ Need for Student READY Programme in Agricultural Universities- Goals and Objectives
- ✓ Motivational and training skills for Promotion of Viable Micro / small Enterprises
- ✓ Role of teachers as mentors for developing entrepreneurial skills in students -Mentoring Support – importance and support organizations
- ✓ ‘Opportunities for transferring innovative technologies into successful business enterprises through incubation hubs/centres’
- ✓ Incubation support for start-up entrepreneurs – need to modalities’
- ✓ Developing and Redefining guidelines for implementation of the Experiential Learning programme in Community Science.
- ✓ Developing guidelines for implementation of the Rural Work Experience Programme in Community Science.
- ✓ Internship in Community Science – Concept, need and guidelines
- ✓ Promotion of social enterprises in rural areas so as to sensitize the participants on the opportunities in rural business.
- ✓ Pedagogy - Advanced Teaching Skills

For the valedictory programme on 21.11.2017, Dr.Vanitha Jain, Principal Scientist, Education Division, ICAR was the Chief Guest and the programme was presided over by Dr. A Mrunalini, Dean Faculty of Home Science. The course material and the presentations by the guest speakers were converted into soft copies in the form of a CD which was released by Dr. Vanitha Jain and distributed to the participants. Further guidelines developed during the training programme for Student READY Programme in Business Models, Skill development Models, Rural Work Experience, Internship and Student Project in Community Science and also the Guidelines for Student READY Programme in Community Science were released by the Chief Guest. The April – September 2017 issue (Issue No 13) of CAFT-HSc Newsletter was also released

Dr.Vanitha Jain appreciated the efforts of the course director and co-directors for the idea of organising a training programme on a topic of current need and developing these guidelines for implementation of Student READY programme in Community Science. Four participants viz., Dr. E Tamilselvi Eswaran, Dr. Sadhana Dharmanna Kulloli, Mrs. Sirisha Deepthi S and Ms. Aparna Jaiswal were selected for their active, notable participation during the programme for special mention and honoured with momentos. Dr. V Jain later distributed the certificates of participation. Ms S Sirisha Deepthi course coordinator proposed vote of thanks.

Visit of ICAR expert nominee :

The ICAR expert nominee Dr.Vanitha Jain, Principal Scientist, Education Division, ICAR visited the CAFT training programme on 21-11-2017. During the visit, discussions were carried out with the participants and the final outputs of the discussion were noted. She went round all the labs at PGRC and impressed with the facilities available in the centre.

List of Participants

S No	Name	Designation	Address
1	Ms. Aparna Jaiswal	Assistant Professor, Extension Education and Rural Sociology	College of Agriculture, Waraseoni (Balaghat), JNKVV, Jabalpur Email: rituparnika@gmail.com 9329010243, 8839426532
2	Dr. T.S.K.K Kiran Patro	Technical Officer, Horticulture	Dr. Y.S.R. Horticultural University (YSRHU), Venkataramannagudem Email: patrotskk@yahoo.in 7382633695, 9515904021
3	Dr. Jayshree Ramarao Rodge	Assistant Professor, Resource Management and Consumer Science	College of Community Science, Vasant Rao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani Email: dr.jayarodge@rediffmail.com , jsarkate62@gmail.com 9594005840
4	Dr. Veena Sakharampant Bhalerao	Assistant Professor, Human Development and Family Studies	College of Community Science, Vasant Rao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani Email: veeved@rediffmail.com 9440910448, 9420885965
5	Dr. Sangeeta Deo	Associate Professor, Textiles and Apparel Designing	Dr Rajendra Prasad Central Agriculture University (DRPCA), Pusa, Samastipur Email: sangeetadeo321@gmail.com 9934255866
6	Dr. R. Arunjyothi	Subject Matter Specialist, Child Development	P.V. Narsimha Rao Telangana Veterinary University (PVNRTVU), Hyderabad Email: jyothipunjala@gmail.com
7	Dr. E. Tamilselvi Eswaran	Assistant Professor, Food Science and Nutrition	Home Science College and Research Institute Email: tamilbalae@gmail.com afthscmdu@tnau.ac.in 9442920853
8	Dr. Sadhana Dharmanna Kulloli	Professor and Head, Textile and Apparel Designing	College of Community Science Email: kullolisd@uasd.in sadhanadk@gmail.com sdkulloliec@gmail.com
9	Dr. (Mrs.) Sampreety Gogoi.	Assistant Professor, Human Development and Family Studies	College of Community Science, Assam Agricultural University (AAU), Jorhat-13 Email: sampreetygogoi@gmail.com <u>9854813500</u>

10	Dr. Rickey Rani Boruah	Assistant Professor, Textile and Apparel Designing	College of Community Science, Assam Agricultural University (AAU), Jorhat-13 rickey_boruah@rediffmail.com 9859150942
11	Mrs. Sirisha Deepthi. S	Assistant Professor, Apparel and Textiles	College of Home Science, PJTSAU, Hyderabad Email: ssdeepthi@gmail.com
12	Dr. B.Anila Kumari	Assistant Professor, Food and Nutrition	College of Home Science, PJTSAU, Hyderabad Email: baniladr@gmail.com
13	Dr. Tanala Venkata Naga Padmavathi	Assistant Professor, Food Safety and Quality Assurance	College of Food Science and Technology, Rudrur, Nizamabad, 503188 Email: padma_avn@yahoo.co.in 9440910448
14	Dr. Maharshi Deepa	Scientist, Home Science,	Sri Venkateswara Veterinary University (SVVU), Tirupati Email: deepanarayana@rediffmail.com
15	Dr. M. S. Chaitanya Kumari	Associate Professor, Home Science Extension and Communication Management	College of Home Science, Guntur, ANGRAU, AP chaitanya.benarji@gmail.com 8331024686
16	Dr. K. Lakshmi	Assistant Professor, Foods and Nutrition	College of Home Science, Guntur, ANGRAU, AP lakshmi.kuchibhotla@gmail.com

List of Dropped participants

S No	Name	Designation	Department	Address	Reasons for dropout
1	Mrs. Nandita Kumari	Subject Matter Specialist	Home Science Extension	Araria (K.V.K., Araria), Shekhupara Email: nanditadas1971@rediffmail.com	<ul style="list-style-type: none"> • Applied too late no permission from University on time • Personal reason • No Permission from University • No permission from Associate Dean due to shortage of staff • No information
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4	Mrs. Neetha Singh	Assistant Professor	Apparel and textiles	ASPEE College of Home Science and Nutrition
5	Dr. Ragini Mishra	Assistant Professor	Human Development and Family Studies	G. B. Pant University of Agriculture and Technology, Udham Singh Nagar, Pantnagar, Uttarakhand 263153
6	Dr. Kulkarni Madhumathi Vithal Rao	Assistant Professor	AgrilExtn	Vasandrao Naik Marathwada KrishiVidyapeeth (VNMKV), Parbhani
7	Dr. Sunitha Kumari	Assistant Professor	SMS, H ScExtn	KVK, Aurangabad BAUSABOUR, BHAGALPUR
8	Mr. Ch. Ramakrishna	Assistant Professor	Agronomy	College of Veterinary Science, (CVSRT), Korulta TS
9	Dr. Neetha Khandelwal	Assistant Professor	H ScExtn	KVK, SDAU, Deesa, Banaskantha, GJ
10	Dr. Swathi Ashok Gawande	Assistant Professor	AgrilExtn	College of Agriculture

ORGANIZING COMMITTEE

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 Dr T N V Padmavathi, Maharshi Deepa, Ms Keerthi N
Second row standing : Dr Veena R Bhalarao, Dr K Lakshmi, Dr Jayashree R Rodge, Dr E Tamilselvi Eswaran, Dr B Anila Kumari,
 Dr T S K Kiran Patro, Ms Aparna Jaiswal, Dr R Arun Jyothi
Third row sitting : Ms S Sirisha Deepthi, Dr K Uma Maheshwari, Dr D Ratna Kumari, Dr V Vijayalakshmi

Resource Persons

S. No	Speaker Name and Address	email id
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3	Dr. P. Uday Shankar, Ex Director, SEMNI-MSEM, Villa No.7, Relcon Marvel, Khanojiguda, Secunderabad – 500 015	pudayashanker@gmail.com
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11	Dr. Siva Prasad, Corporate Trainer and Motivational Speaker, SS Technologies	Phone: (91-40) 2306-1944 Cell: (91) 99639-69797 email: value4value@gmail.com
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19	Dr. V. Hemantha Kumar, Associate Professor, Centre for Livelihoods, NIRD	9618949433 Hemanthakumar.nird@gov.in hemanthakumar2010@gmail.com
20	Mr. J. Koteswara Rao, Associate Faculty Member, School of Enterprise Development, National Institute for Micro, Small and Medium Enterprises(ni-msme), (An Organisation of the Ministry of MSME, Govt. of India), Yousufguda, Hyderabad – 500 045	8106256066 jkrao@nimsme.org
21	Mr. Nune Sreenivasa Rao Faculty Members, School of Entrepreneurship and Extension (SEE) NIMSME, Hyderabad	Tel: 91-40- 23633230, Fax: 91-40-23608547, 23608956 email: srinivasaraonune@gmail.com nsr@nimsme.org website: www.nimsme.org Mobile: 9441834349
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23	Dr. Kiran K. Sharma, Chief Executive Officer (CEO), Agribusiness and Innovation Platform (AIP), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, 502 324, Telangana, India	040 30713417, 3697 k.sharma@cgiar.org
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25	Dr. K. Aparna, Senior Scientist – FN, Quality Control Lab, PJTSAU	9849019823

DAY TO DAY PROGRAMME SCHEDULE

Date /Day	Topic	Lecture / Practical	Name and Designation of Speaker
01.11.2017 Wednesday			
10.00 – 10.30 AM	Registration and Orientation,		Mrs. S.Sirisha Deepthi
11.00 – 01.00 AM	<p>Inauguration Keynote address - Need and scope for Student READY Programme in Agril Univs</p> <p>Orientation to CAFT in Home Science</p> <p>Student READY programme in Home Science - Modalities and Guidelines for Programme implementation” – Overview</p>		<p>Dr. G.Venkateswarlu ADG (EQR), Agricultural Education Division ICAR, New Delhi</p> <p>Dr. K. Uma Maheswari, Director CAFT</p> <p>Dr. D. Ratna Kumari Course Director</p>
02.00 – 04.30 PM	Pre-evaluation of training		Dr.V.Vijaya Lakshmi and Mrs. S. Sirisha Deepthi Co- course director
02.11.2017 Thursday			
10.00 – 11.00 AM	Student READY Programme in the perspective of Business model and skill modes.	Lecture	Prof. Dr. Seema Nath AGBM, ANGRAU
11.30 – 01.00 PM	Building Student Readiness for Entrepreneurship through Effective Partnerships	Lecture	Dr. G.Valentina, Assoc. Prof, Head, Centre for Equity and Social Development, NIRD
02.00 – 03.00 PM	Motivational and training skills for Promotion of Viable Micro / small Enterprises	Lecture	Dr.Uday Shanker Director-SEM NI-MSEM
03.00 – 04.30 PM	Student READY Programme Project Idea Generation for business and skill development modes	Practical	Dr. Mary Swarna Latha Prof and Head, Dept of EECM, C H Sc
03.11.2017 Friday			
10.00 – 11.30 AM	<p>Student READY Programme in SAU's – Distinction over Rural Entrepreneurship</p> <p>Conceptual variations in Student READY Programme among faculties in SAU's.</p>	Panel Discussion	<p>Dr. K.S. Dangi, Dr. K. Sadasiva Rao and Dr. A.Mrunalini</p> <p>Moderator: I. Sreenivasa Rao.</p>

12.00 -01.00 PM	Student READY Programme Project Idea Generation for business and skill development modes	Presentations	
02.00 – 04.30 PM	Visit to small scale industry running as a Business model and Skill Development model - Millet processing centre, Natural dye processing and incubation centre		Dr. T. Hymavathi
04.11.2017 Holiday and 05.11.2017 Sunday (Participants will be engaged in developing Practical / Lab Exercises for use in their respective Colleges for motivating students to be entrepreneurial as homework and reports will be submitted on Monday before the session starts)			
06.11.2017 Monday			
10.00 – 04.30PM	Workshop on ‘Motivational and training skills for Promotion of Enterprises - trainers training	Theory and practical	Dr. G. Jaya Deputy Director (HRD) And Dr. Siva Prasad, Corporate Trainer and Motivational Speaker, SS Technologies
07.11.2017 Tuesday			
10.00 – 11.00 AM	Mentoring and nurturing – need and importance	Lecture	Dr. K. Mayuri, Retd Prof, Dept of HDFS, C H Sc
11.30 – 01.00 PM	Hands-on workshops	Practical	
02.00 – 03.00 PM	‘Promotion of social Enterprises in Rural Areas’	Lecture	Dr. Amirapu Sitaramaiah, Access Livelihoods Development Finance, ALC India Ltd.,
03.00 – 04.30 PM	Monitoring and Evaluation Criteria of Student READY Programme	Lecture	Dr. A. Mrunalini, Dean, Faculty of Home Science, PJTSAU
08.11.2017 Wednesday			
10.00 – 11.00 AM	Marketing Challenges: Marketing concept and market research – A practical perspective	Lecture	Dr. Sharmila Nagraj, Director, Woxen Business School, Hyderabad
11.30 – 01.00 PM	Writing a viable and winning business proposals	Lecture	Dr. Sreekanth Sharma, Associate Faculty Member, School of Entrepreneurship and Extension, NIMSME

02.00 – 03.00 PM	Planning and organization of resources in business models	Lecture	Ms. P.Vanitha, Assistant Professor, Dept of Management SNIST, JNTUH
03.00 – 04.30 PM	Planning and organization of resources in business models	Practical	Ms. P. Vanitha and Dr. V.Vijaya Lakshmi and Mrs. S. Sirisha Deepthi
09.11.2017 Thursday			
10.00 – 11.00 AM	Practice on developing viable and winning business proposal	Practical	Dr. V.Vijaya Lakshmi and Mrs. S.SirishaDeepthi
		Practical	Dr. V.Vijaya Lakshmi and Mrs. S.Sirisha Deepthi
11.30 – 01.00 PM	Developing guidelines for Student READY Programme Business Models	Practical	Dr. V.Vijaya Lakshmi and Mrs. S.SirishaDeepthi
02.00 – 04.00 PM	Developing guidelines for Student READY Programme Skill development Models	Practical	Dr. V.Vijaya Lakshmi and Mrs. S.Sirisha Deepthi
04.00 – 04.30 PM			
10.11.2017 Friday			
09.30 – 11.30 AM	Rural Work Experience Programme in Community Science – Concept and need	Lecture	Dr. P. Amala Kumari, Retd Professor, Dept of HECM, College of Home Science, Hyderabad – PJTSAU
12.00 – 01.00 PM	Rural Work Experience Programme in Community Science - Guidelines		
02.00 – 03.00 PM	Emerging trends in Entrepreneurship – Internet and e-commerce	Lecture	Dr. P.Amala Kumari, Retd Professor, Dept of EECM
03.00 – 04.30 PM	Developing and Redefining guidelines for implementation of the Rural Work Experience Programme in Community Science	Practical	Under the supervision of Course director and co-course directors
11.11.2017 Saturday			
10.00 – 11.00 AM	Production and production planning in business – A Practical Perspective	Lecture	Dr.Mahalakshmi V Reddy, Retd Prof, Dept of RMCS
11.30 – 04.30 PM	Visit to LyoFlorals LLP, Hyderabad		
12.11.2017 Sunday Developing Manuals for Rural Work Experience Programme in Community Science – Practical			

13.11.2017 Monday			
10.00 – 11.30 AM	Opportunities for Marketing and Export of Products from Micro and Small Industries	Lecture	Dr. V. Hemantha Kumar, Associate Professor, Centre for Livelihoods NIRD
12.00 – 01.00 PM	Assessing existing knowledge of students to identify the gaps for entrepreneurship	Lecture	Mr. J. Koteswara Rao and Mr. N.Sreenivasa Rao Associate Faculty Members, SED NIMSME, Hyderabad
02.00 – 03.00 PM	Identify what students will be able to do as a result of participating in the training programme	Practical Lab exercises	
03.00 – 04.00 PM			
04.00 – 04.30 PM			
14.11.2017 Tuesday			
10.00 – 04.30 PM	‘Opportunities for transferring innovative technologies into successful business enterprises through incubation hubs / centres’ Visit to Agri Business Incubation Center, ICRISAT	Lecture and visit	Dr.Kiran Sharma, CEO, and Mr. Jonathan Philroy Agribusiness innovation platform, ICRISAT
15.11.2017 Wednesday			
10.00 – 11.00 PM	Presentation of work on developing Manuals for Rural Work Experience Programme in Community Science	Practical	Participants
11.30 – 01.00 PM	Practical / Lab Exercises	Practical	
02.00 – 03.00 PM	‘Incubation support for start-up entrepreneurs – need and modalities’	Lecture	Vijay Nadiminti, COO, a-IDEA, NAARM-TBI
03.00 – 04.30 PM	Visit to NAARM Centre for Agri - Innovation	Visit	
16.11.2017 Thursday			
10.00 – 04.30 PM	Pedagogy - Advanced Teaching Skills	Lecture and practical	Dr. M.S.Chaitanya Kumari, Associate Professor, Dept EECM, C H Sc, Guntur (ANGRAU) and Dr K Aparna, Senior

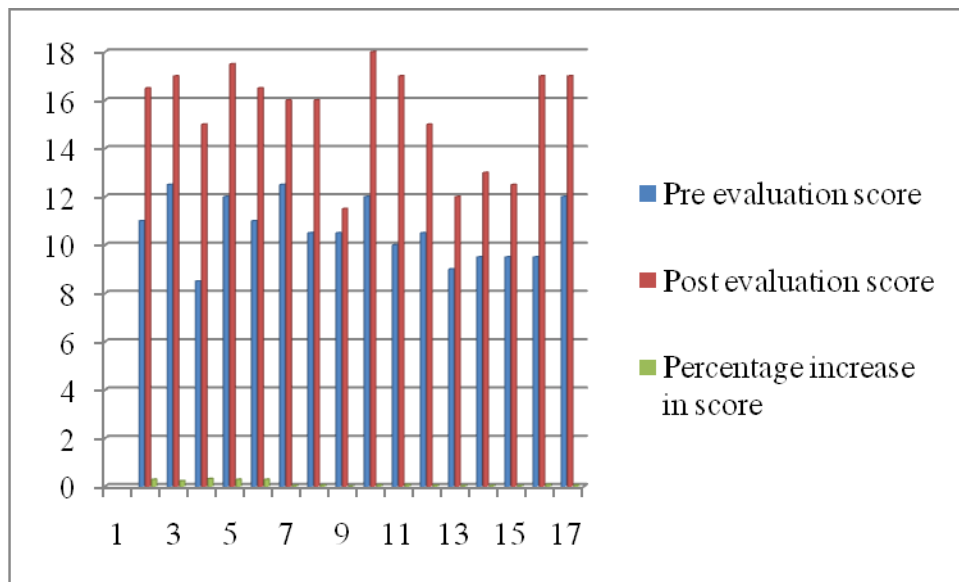
			Scientist – FN, Quality Control Lab, PJTSAU
17.11.2017 Friday			
10.00 – 11.00 AM	Internship in Community Science – Concept and need	Lecture	Dr. D.Ratna Kumari, Professor, Dept of RMCS, College of Home Science, PJTSAU.
11.30 – 01.00 PM	Internship in Community Science - Guidelines	Lecture	
02.00 – 04.30 PM	Developing and Redefining guidelines for implementation of the Internship	Practical	Under the supervision of Course director and co-course directors
18.11.2017 Saturday			
10.30 – 04.30 PM	Preparation of Project presentations		Participants
19.11.2017 Sunday Developing Manuals for Internship Programme in Community Science – Practical			
20.11.2017 Monday			
10.00 – 11.00 AM	Project presentations – Group 1		Participants
11.30 – 01.00 PM	Project presentations – Group 2		Participants
02.00 – 03.00 PM	Project presentations – Group 3		Participants
03.00 – 04.30 PM	Discussions and Conclusions		
21.11.2017 Tuesday			
9.00 to 10. AM	Post Evaluation		Dr. V. Vijaya Lakshmi and Mrs S. Sirisha Deepthi
10.00 -11.30 AM	Uploading of feedback in CBP Vortal		Participants
12.00 – 01.00 PM	Programmes of education division of ICAR	Lecture	Dr.Vanitha Jain Principal Scientist Education division ICAR, New Delhi
02.00 – 04.30 PM	Valedictory		University Library

EVALUATION

The training programme was evaluated in terms of gain in knowledge through pre and post tests and obtaining feedback as well as usefulness of the training through a five point scale.

Pre and post evaluation report

The impact of training is revealed through pre and post tests. On 15 multiple choice questionnaire the initial and final knowledge levels were measured, which revealed increase from 0 to 100 per cent. The minimum and maximum scores in pretest were 45%, while they were 66% respectively in post test. Each question reflects the content outcome of a group of topics. The pre test scores ranged from 0 to 30%, while in post test from 66% to 9%. On average the increase in knowledge is 12%. Item wise increase in knowledge is pictorially depicted in the following figure.



Pre and Post Evaluation of Knowledge of Participants

PART – B : Evaluation of Training Programme

The participants of the training program were evaluated on various aspects of the training program by using a 3 point scale namely to a great extent (3), somewhat (2), not at all (1). Some of the questions were descriptive which elicited varied responses from the participants.

When asked which part of the training course was particularly valuable to the participants, it was indicated that the very first session - keynote address by ADG, provided a valuable insight into the READY programme. Lectures on entrepreneurship, microenterprise by MSME, NAARM exposure visit and the practical component of developing guidelines & manuals for ELP, RAWE, Internship were indicated as being 'very useful'.

Feedback was taken from the participants regarding the various aspects of the course which could be improved further. It was indicated that 'student project' component under student READY could have been focused more than what was done. Emphasis could have been made on subjects other than Home Science under practical components. Participants desired more practical exposure. More visits to successful Enterprises were also indicated.

All the (100 %) training participants indicated that the training materials/documents provided to them during training were extremely useful to them. Around 68.75% of the participants indicated that the audio visual materials used for training were very effective while 31.25 % felt that they were somewhat effective. Response was also sought with regards to the relevance of the training - 62.5% indicated that the training was very relevant to them as opposed to around 7.5% who felt that it was somewhat relevant. With regards to course timing and duration 75% of the participants were of the opinion that the duration and timings were acceptable, 12.5% felt it was somewhat acceptable and another 12.5% felt that it was not at all acceptable.

Majority of the trainees (81.25%) opined that sufficient material was given to them during the training program. Faculty competency in delivering the program was given as highly satisfactory. No topic is observed to be rated as average or poor leading to the conclusion that every topic is pertinent to the course. Around 68.75% of the trainees indicated that the training programme has increased their knowledge on student READY. They also felt that the following skills were improved:

- Motivating students for entrepreneurship.
- Ready to handle student READY programmes.
- Initiating skill development programmes.
- Improvement in teaching skills.
- Self confidence.
- Modalities developed for READY are highly useful.
- Preparation of manuals.

Majority of the participants give a ranking of 4 or 5 on a scale of 1 to 5 with regards to their potential ability to offer student READY programme back in their Universities. All the participants (100 %) felt that there was enough trainer/participant interaction all through the course. Pedagogy, NIMSME lecture, advanced teaching skills were the sessions that were not at all relevant to main theme of the training program. The participants indicated the following topics could have been included in the training to make it more versatile.

- Implementation of ELP as a business mode.
- Stress management.
- Visit to institutes like NIRD and MANAGE
- Submitting project in paper format.
- Hands on training.
- Student project problem identification.
- Labeling and packaging.
- Visit to entrepreneurship units.
- Qualitative and quantitative methods.

Around 62.5% of the trainees felt that the physical facilities and the learning environment during the course was very comfortable and congenial. Around 37.5% felt that physical facilities and learning environment were mediocre. The rating for faculty competency in delivering the program was given as highly satisfactory (43.75 %) and satisfactory (56.25 %). All the participants (100 %) felt that the daily program was comfortable.

The following points were mentioned with regards to the course and what the participants have achieved:

- Understanding and implementation of student READY programme.
- Good exposure to new things.
- Motivation and entrepreneurial skills.
- Upgrade in knowledge.
- Interaction with participants.

The future areas for training, as indicated by the participants are as follows:

- Quality improvements in products.
- Packaging and labeling.
- Marketing.
- Counseling techniques to deal with adolescents.
- Research methods in home science.
- ICT based training for teachers.
- Department wise V-dean courses in practical.
- Value addition of horticultural crops.
- Preservation and processing studies.
- Extension strategies to mitigate farmers.
- e-commerce, market and intelligence.
- Qualitative research method in social science.
- Computer aided designing.
- Functional clothing.
- Preservation of traditional textiles.
- Teaching, training and extension methods in mentoring students.
- Technologies and software for home science.
- Licensing and branding.
- Time management.
- Personality development.
- Book keeping and financial management.
- Central and state government welfare schemes.
- Animation and children literature.
- In-plant and its implications on students.

Day to day report of the Training Programme on “Student READY programme in Home Science - Modalities and Guidelines for Programme implementation”

The inauguration of 21 day training programme on “Student READY programme in Home Science - Modalities and Guidelines for Programme implementation” was held on 01-11-2017 at Centre for Advance Faculty Training in Home Science, PG and RC, Professor Telangana State Agricultural University, Hyderabad.

CAFT Home Science Director, **Dr. K. Uma Maheswari** heartily welcomed the guests and the participants to the programme and explained about CAFT Home Science and its activities. Course Director, **Dr. D. Ratna Kumari**, gave a brief introduction to the training programme mentioning the aim of the programme was to develop common guidelines and modalities for uniformity in implementation of READY programme in all Community Science Faculties in SAU's. Sixteen participants from 10 State Agriculture / Horticulture / Veterinary Universities i.e. Telangana, Assam, Andhra Pradesh, Jabalpur, Maharashtra, Bihar, Tamil Nadu and Karnataka have enrolled in the training programme.

The chief guest **Dr. G. Venkateswarlu**, ADG (EQR), ICAR, New Delhi, released CAFT-H Sc newsletter (November 2016 – March 2017, Issue No 12) and delivered key note address on ‘Need and scope of Student READY programme in Agricultural Universities’. He stressed the importance of the READY programme and explained to the participants how the concept was included in the V Dean's syllabus. He also implored all the teachers to collectively use the training programme platform to develop common modalities to implement the student READY programme.

Dr. A. Mrunalini, Dean of Home Science, while delivering her presidential remarks stressed that READY programme is step towards adding value to the human capital generated from the universities. The concept of **PASTE**; **P** - philosophy of student READY, **A** - areas of value addition like human capital, products etc, **S** - strategy to implement the READY concept, **T** – talent/training/technology, **E** – experience, was put forth to the gathering. She emphasised that *‘human capital with an economic worth’* will be the outcome of student READY programme.

Dr. V. Vijaya Lakshmi, the Course Co-ordinator thanked the dignitaries on stage, participants, staff of Home Science College, press and ministerial staff for their support in the inaugural ceremony.

The afternoon session began with an ice breaking session, where the participants introduced themselves and became familiar with each other. It was followed by an address by the Course Director, Dr. D. RatnaKumari regarding the training programme details and deliverables and outcomes expected out of the 21 day training. The participants completed the formalities of uploading their nominations in CBP portal. Pre-evaluation of the training programme was done by the Course Co-ordinator, Dr. V. Vijayalakshmi.

INAUGURATION



Lighting the Lamp



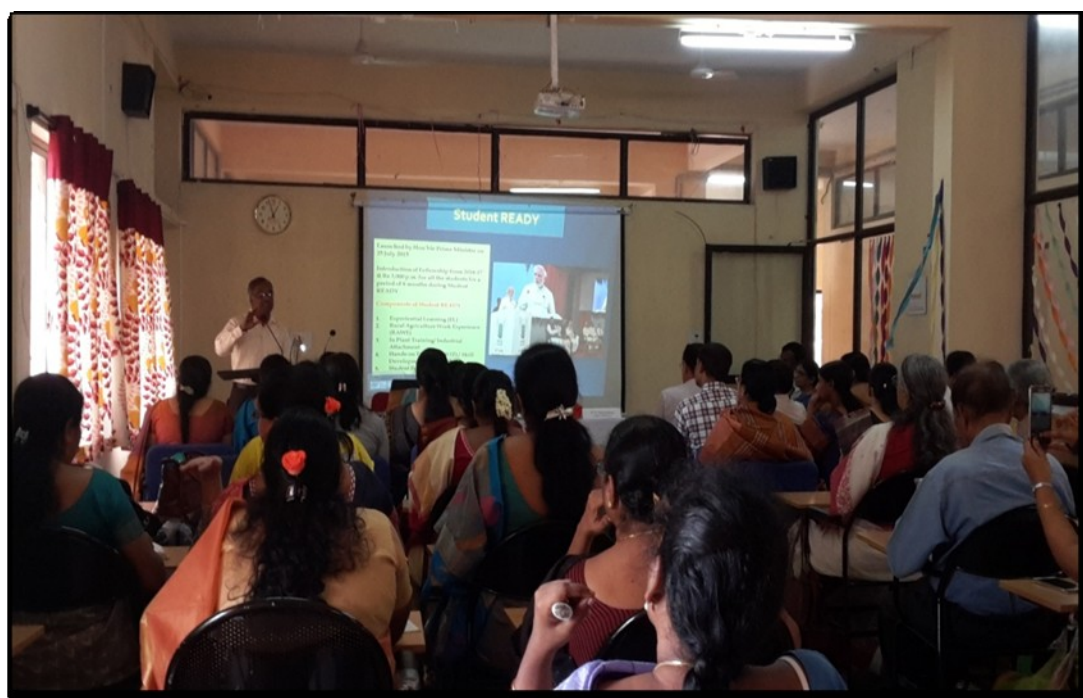
**Dr. K. Uma Maheswari, Director CAFT
Welcoming the gathering**



**Dr. D. Ratna Kumari, Course Director
explaining about the course**



Releasing the CAFT-H. Sc Newsletter



The chief guest Dr. G. Venkateswarlu, ADG (EQR), ICAR, New Delhi, delivering the key note address on ‘need and scope of Student READY programme in Agricultural Universities’

02.11.2017

The first guest lecture was given by prof. Dr. Seema Nath (AGBM, ANGRAU) on Student READY Programme in the perspective of business model and skill modes. She has acquainted the participants with the essentials of sustainable business and focused on doing market survey, product analysis, SWOT analysis, Consumer behavior study before launching any product.

Later representatives Nutrifit Dr. Janaki and Dr. Janaki Srinath spoke about their organization which started as their own nutrition cell and expressed their views and experiences on how they have established their nutrition cell successfully in the city and consequences faced by them in becoming successful entrepreneurs.

This was followed by a lecture by Dr G. Valentina (Head, Centre for Equity and Social development, NIRD) on the topic “Building Student Readiness for entrepreneurship through effective partnerships”. She had covered all the elements of marketing and different assets of rural livelihood.

Later after lunch Dr. Uday Shankar (Ex Director- SEMNI-MSEM) spoke on ‘Motivational and Training skills for promotion of viable Micro / Small enterprises. He also focused how to assess managerial skills.

The post tea session was by Dr. A Mary Swarna Latha (Prof. Dept. of EECM, CHSC) on project idea generation for business and skill development modes among the participants which gave them opportunity to find different possible ventures in their respective fields.

03.11.2017

This was started with a panel discussion on ‘Conceptual variations in student READY programme among facilities in SAU’s. The experts on the panel were Dr. Kuldeep Singh Dangi, Dean of Agriculture, Dr. K. Sadasiva Rao, Dean of Agril. Engineering, Dr. A. Mrunalini, Dean of Home Science, PJTSAU, Hyderabad and was moderated by Dr. I. Sreenivasa Rao, Professor, Extension Education Institute, Rajendranagar, PJTSAU, Hyderabad.

At the outset Dr. Dangi introduced about the World scenario on status of employability, skill development ratio in various countries in comparison with Indian context. Dr. I. Sreenivasa Rao probed into student READY programme posing questions to all the three Deans with regard to concept of student READY programme, facilities that are available with the universities or need to be developed for viability of the ELP units for giving hands on training to students and earning while learning along with exposure to business model.

Detailed discussion was held on the duration of 4th year student READY programme during UG, credits offered, options in READY programme, exclusive allotment of READY programme to the faculty and inclusion of entrepreneurship aspect into Teaching, Research and Extension mandates in agricultural universities.

In afternoon session, a visit to the Millet processing and incubation center was arranged, where value added millet based bakery products and vermicelli production unit was shown to give an exposure to what is an incubation centre and modalities for establishing an incubation centre.

04.11.2017 and 05.11.2017

Practical work as assignment on ‘Making presentation on present scenario of ELP, RAWEP and Implant training existing in the different college of SAUS and how it is implementing’. Presentations regarding the modalities and evaluation pattern of the student’s READY programme followed at their respective colleges were also developed.

06.11.2017

Today’s session was a Workshop on ‘Motivational and training skills for Promotion of Enterprises, by Dr. G. Jaya, Deputy Director HRD and Dr. Shiva Prasad. The session started with a melodious prayer song followed by group activities on motivation. Later a lecture on motivation and the linkage between motivation and entrepreneur was delivered.

Post lunch Dr. Jaya took the session where she had delivered a talk on four different theories related to motivation.

07.11.2017

Today the speaker was Dr. K. Mayuri, Emeritus Scientist, ICAR on “Mentoring and nurturing students towards entrepreneurship –need and importance. She explained what a mentor does and why mentoring is important in present educational systems quoting with her own experiences as examples. She also denoted there are two broad types of mentoring relationships: formal and informal. She concluded her lecture with benefits of mentoring. Later post tea session she explained about activities that can be used when mentoring or training students. These exercises or activities are not only great for teaching and training, they can also be implemented in practice and used with students.

The post lunch session on ‘Promotion of social Enterprises in Rural Areas’ was by Dr. A. Seetharamaiah, ALDC, Hyderabad, which started with a video of women entrepreneurs of Kodangal cluster and their producer companies. Then he explained about what producer organization is and how it can help in Rural Entrepreneurship. He concluded with two more videos on dairy entrepreneurs and weavers of Srikakulam district were shown to the participants to explain how the producer organisations are set up.

08.11.2017

The session was started by Sharmila Nagaraj, Director, Woxen business school shared her experiences as how she became a wonderful business woman from Home Science graduate, stepping into the world of entrepreneurship. She has explained on aspects of marketing challenges. How to grasp the customer niche of marketing, market research, strategies and an overview of practical perspective to overcome the barriers in the process.

The next session was by Dr. Shreekanth Sharma, Associate faculty member, School of entrepreneurship and extension, NIMSME. He has discussed about the stimulation, support and how to make sustainable business by a proper planning and writing a viable and winning business proposals. He also given lot of information related to services involved and institutions, which gives technical support from MSME, DIC, SFCs, SIDBI, KVIC, IDCS, APITCO,

MITCON, UPICO and various Agri. Food incubation centers, which will render their support and service and training to the entrepreneurs if required at every doorstep.

The afternoon session was about different business models and Planning and organization of resources in business models by Ms. Vanitha, Assistant Professor, Dept of Management SNIST, JNTUH.

09.11.2017

Today's class was on the participants presenting the information on how the ELP is being implemented at their respective universities as per the IV- Deans Committees (existing) recommendations. This exercise was taken up in order to thoroughly understand the existing method involved in implementation of experiential learning programme (ELP). This is thought to enable the participants to give concrete inputs for developing guidelines for Student READY Programme.

The presentations continued after tea break. The participants heard about the existing method of ELP including the modules, evaluation pattern, EL units, etc. of the following universities.

1. Home Science College and Research Institute, TNAU.
2. VNMKV, Marathwada Agricultural University.
3. College of Rural Home Science, Dharwad.
4. College of Agriculture, waraseoni, balaghat, J.N.K.V.V, Jabalpur.
5. Dr. Rajendra Prasad Central Agricultural University, Samastipur, Bihar.
6. College of Community Science, Assam Agricultural University, Jorhat.
7. P.V.N.R Telangana Veterinary University, Hyderabad.
8. Dr. Y.S.R Horticultural University, Venkatramanagudem
9. College of Home Science, Hyderabad, PJTSAU.
10. Sri. V. Veterinary University, Tirupati.
11. College of Food Science and Technology, Rudur, PJTSAU.
12. College of Home Science, Guntur, Acharya N.G Ranga, Agricultural University.

In the post lunch session, the participants were engaged on developing guidelines for:

- i) Student READY Programme Business Model and
- ii) Student Ready Programme Skill Development model.

10.11.2017

The lecture entitled "Emerging trends in entrepreneurship- Internet and E- commerce" was given by Dr. P. Amala Kumari, Retd., Professor, Dept. of HECM, College of Home Science, Hyderabad on 10-11-2017. The areas covered under the lecture are, objectives of experiential learning programme profession role of professionals of student READY, enterprises and entrepreneurial management. She has also presented in detail about the importance and need of E- commerce in present enterprise avenues types of E-commerce, advantages, limitations, key drives of E-commerce and current trends in E-commerce with live examples.

The afternoon session was about guidelines for conducting RWEF in community science. In that, she covered on objectives set by ICAR for RWEF, suggestions of professional RWEF like choosing approaches, identifying measurable quantitative and qualitative outputs and objective evaluation for grading students. Also she explained on different kinds of approaches. Videos for better understanding, and how those can be adopted or implemented for student READY programme were also shown and an agenda was developed for developing guidelines for RWEF under community science.

11.11.2017

Today's session started with the lecture of Dr. Mahalakshmi Reddy, Retd. Prof., Dept. of RMCS on "Production and production planning in business - A practical perspective". She focused on what is fixed cost and variable cost and what should be planned to start the enterprise and how should plan the things. How the planning and organizing help start an enterprise. Information on what is opportunity cost, how to grab opportunities, the responsibility of entrepreneur to focus on quality of product, speed to make the product, efficiency of the entrepreneur to supply the product and should maintain the cost of the product were also mentioned. This was followed by a visit to Lyoflorals a premier floral preservation company in India to preserve the beautiful and natural flowers in to memorable lasting flavors. It is the one and only company in India to process flowers with advanced preservation technology called Lyophilisation to freeze dry fresh flavors.

12.11.2017

The participants as a group discussed on modalities, guidelines and evaluation for RAWF based on the recommendations and requirements according to 5th Deans Committee recommendations. For village selection help of extension department may be taken depending upon need analysis or where NGO / Components are working decision of components should be included in the planning of RAWF. Collaborative and component wise approach should be adopted. Topic for convergence from all the five departments was enlisted. Evaluation pattern of marks were discussed and percentage of marks were allotted to regularity, work experience, report general conduct, creativity of each group etc.

13.11.2017

Dr. V. Hemanth Kumar, Associate Professor of Centre for Livelihood, NIRD explained various opportunities for marketing and export of products from micro and small industries. He spoke about the scope of marketing promotion, market opportunities, steps of market opportunity analysis process, the Ansoffs matrix, crucial aspects of sustainable enterprises, marketing problems of rural enterprises, branding, SCM, SCP (supply chain process) major activities of community marketing value chain development.

The post tea session was by Dr. A. Mrunalini Dean of Home Science who gave clear insight on planning and monitoring of student READY programme. In this, she has covered what are all the expected goals ABCD's (Accountability on goals, Benefits, Continuous information and Decision making), methods and tools used in monitoring, relationship between monitoring and objectives and how to divide or cover entire objectives of programme in a systematic manner.

Later Mr. A. Srinivas Rao, faculty of NIMSE explained the difference between entrepreneur and entrepreneurship and administered a questionnaire to find out entrepreneurial skills among participants to set up an entrepreneur with high success rate.

Mr. J. Koteswar Rao, Associate faculty member SED, NIMSME, Hyderabad gave lecture on assessing existing knowledge of students to identify the gaps for entrepreneurship. He also explained about PMEGP, KVIC, objectives and quantum of assistance that will be given to entrepreneur according to place of establishment. He also explained in detail about coir board actual.

14.11.2017.

The participants visited ICRISAT run Agri Business and innovation platform where Mr. Jonathan Philroy of AIP, explained to the participants about the objectives, components of AIP and how it helps new entrepreneurs to launch their enterprises. The components of AIP like ABI -Agri Business Incubation Centre, INP -Innovation in Partnership, NPK - Nutriplus Knowledge Program, IPFS - Intellectual Property Facilitation Cell were shown to the participants.

15.11.2017

The session was opened with a lecture on ‘Incubation support for start-up entrepreneurs – need and modalities’ by Vijay Nadiminti, COO, a-IDEA, NAARM-TBI, where he explained about the definition of startup and the types of startup businesses. He also explained about the genesis of Association for Innovation Development of Entrepreneurship in Agriculture (a-IDEA) is an agriculture-focused technology business incubator. a- IDEA being one of the very few agri-focused incubators in the country has a unique approach of supporting the broad spectrum of technologies in the value chain of agriculture starting from farm to fork. Through this approach a-IDEA intends to nurture, support and scale technologies that can bring efficacy in the value chains, improve productivity and benefit the stakeholders involved in such Agri-value chains. The technologies developed by technology developers, scientists, students, entrepreneurs, startups, institutions qualify under the focus areas of technologies supported by a-IDEA. He also explained about the different programmes under a-IDEA. This was followed by a visit to the a-IDEA centre.

16.11.2017

A one day workshop on ‘PEDAGOGY’ (method and practice of teaching) was done by Dr. M.S.Chaitanya Kumari, Associate Professor, Dept EECM, C H Sc, Guntur, ANGRAU and Dr.K. Aparna, Senior Scientist – FN, Quality Control Lab, PJTSAU as resource persons. They explained on what is Pedagogy, methods and attributes of learning, stages of learning unit and also highlighted on how the teacher must prepare herself for her lecture and how to present do and don'ts of presentation as well as on mind gap guidelines. Two games for the participants on effective teaching and team building were also done.

17.11.2017

The day started with Dr. D Ratna Kumari, Professor, presented on Internship in Community Science – Concept, need and guidelines. The aspects related to the meaning of Internship,

Difference between Internship, Externship and Apprenticeship, learning objectives of Internship etc. then there was an interaction on the following 3 questions:

1. How can / how have interns enhanced your guidance programme?
2. What have you done/ would have to do to ensure success of your intern?
3. What concerns have you had / do you have about working with an intern.

Later in the day, the participants developed guidelines for “Internship Manual”

18.11.2017

Group discussion for final modalities and guidelines for implementation of ELP, RAWE and HOT was done. Draft manuals were prepared and presented by the participants to the Associate Dean and all the Heads of Departments, of College of Home Science, PJTSAU, for suggestions and additions.

19.11.2017

The final manuals incorporating all the modifications and suggestions given by the Associate Dean and Heads of Departments or the Student READY Programme in BSc (Hons) Community Science, as Experiential Learning, Hands-on Training / Skill Development, Rural Work Experience Programme, Internship and Student Project were developed.

20.11.2017

The final manuals incorporating all the modifications and suggestions given by the Associate Dean and Heads of Departments or the Student READY Programme in BSc (Hons) Community Science, as Experiential Learning, Hands-on Training / Skill Development, Rural Work Experience Programme, Internship and Student Project were developed and presented by the participants and readied for printing.

21.11.2017

The participants uploaded their feedback on the training programme in the cbp.icar.in as is mandatory.

Dr. Vanitha Jain Principal Scientist, Education division, ICAR, New Delhi, the interacted with the participants and appraised them about ‘Programmes of education division of ICAR’

Post evaluation was done to measure the learning after the programme. The knowledge increased by about 32 %.

Valedictory programme was held from 02.00 PM onwards. Dr. K. Uma Maheswari, Director CAFT, welcomed the gathering and Dr. D Ratna Kumari, Course Director, presented the training report. Participants gave their views about the training programme where they mentioned that the programme enabled them have an in depth insight of the concept, structure and modalities of the student READY programme and made them ready for the implementation of this new concept. They also felt the reading material compiled and provided to them at the beginning of the programme was useful as a ready reckoner for developing the manuals. Dr. Vanitha Jain, as Guest of Honour for the programme addressed the gathering and also gave away the prizes for four best participants selected on the basis of the participation during the programme. She also distributed the certificates of participation.

Dr. A. Mrunalini, gave her presidential remarks and the programme ended with the Vote of Thanks by Mrs.S.Sirisha Deepthi, Course Coordinator.

VALEDICTORY



Dr. K. Uma Maheswari, Director, CAFT-H.Sc.
Welcoming the Gathering for Valedictory Programme



Dr. D. Ratna Kumari Course Director
Presenting the Training Report



Dr. Vanitha Jain Principal Scientist, Education division, ICAR, New Delhi, Addressing the gathering



Release of News Letter by Dr. Vanitha Jain Principal Scientist, Education division, ICAR



Feed back by participants



Release of Training CD's CAFT-H.Sc by Dr. Vanitha Jain, Principal Scientist, ICAR



Release of Training Reference Manuals by Dr. Vanitha Jain, Principal Scientist, ICAR



Release of Training Manuals CAFT-H.Sc by Dr. Vanitha Jain, Principal Scientist, ICAR



Release of News Letter by Dr. Vanitha Jain, Principal Scientist, ICAR



Distribution of appreciation certificates to the participant



Distribution of Training certificates



**Vote of Thanks by Mrs. S. Sirisha Deepthi
Course coordinator**

Report on one day workshop on feasibility of introducing B.Sc (Hons) Food, Nutrition and Dietetics

Staff of Home Science met on 27th, September, 2017 at PGRC, C H Sc, PJTSAU, Hyderabad to discuss feasibility of introducing B.Sc (Hons) Food, Nutrition and Dietetics in addition to the existing B.Sc (Hons) Community Science programme. The Meeting was convened by Dr.K.Uma Maheswari, Director, CAFT-H SC and Professor & University Head, Dept of Foods & Nutrition, PGRC,PJTSAU, Hyderabad.

The following staff attended the meeting.

S.No	Name	Designation and address
1.	Dr. A. Mrunalini	Dean faculty of Home Science
2.	Dr. V. Vijaya Lakshmi	Associate Dean, CHSC
3.	Dr. K. Uma Maheswari	Prof & University Head, FN, PGRC
4.	Dr. Radha Rani	Prof & University Head, RMCS
5.	Dr. A. Padma	Prof Head, APTX
6.	Dr. A. Mary Swarnalatha	Professor & Head, HECM
7.	Dr. S.L Kameswari	Asst. Prof, HECM
8.	Dr. M. Saradevi	Prof. & HOD HDFS
9.	Dr.V. Vijaya Lakashmi	Prof & P.I. (AICRIP)
10.	Dr. T.V. Hymavathi	Prof. FN, PGRC
11.	Dr. K. Uma Devi	Prof. FN,CHSc
12.	Dr. S. Suchiritha Devi	Associate Prof, PGRC
13.	Dr. T. Kamalaja	Asst. Prof, FN, AICRP
14.	Mrs. Supraja	Asst. Prof, FN, CHSc

15.	Dr. B. Anila Kumari	Asst. Prof, FN,PJRC
16.	Dr. g. Nageswarao	Prof. (retired) statistics
17.	Dr.Nasreen Banu	P.I, ACRIP, PJRC
18.	Mrs.S L Kamewari	Asst. Prof, HECM,CHSc
19.	Mrs. K Rajeswari	Teaching associate



Report on interaction meeting with Dr. G.Venkateswarlu, ADG, ICAR

Dr. G. Venkateswarlu, ADG (EQR), ICAR, New Delhi, interacted with faculty of Home science and explained in detail about the modification done in 5th Dean's committee syllabus. He explained in detail about the importance of "STUDENT READY" programme and how to plan modules for ELP. He also explained about the enhancement of credit hours to 180 for B.Sc. (Hons) Community Science. Dr. A. Mrunalini, Dean of Home Science, Dr. V. Vijaya Lakshmi, Associate Dean, College of Home Science, CAFT Home Science Director, Dr. K. Uma Maheswari and other Head of the departments and faculty members participated in the discussion



The chief guest Dr. G. Venkateswarlu, ADG (EQR), ICAR, New Delhi- Interacting with Staff on V- Deans committee courses of B. Sc Hons. Community Science

OBJECTIVE 1

B. ALLOCATION OF SEATS UNDER UG & PG PROGRAMMES

Admission : UG & PG programmes during the Academic year 2017-18 had full strength.

Under Graduate Students Intake

	No. of Students	ICAR
B.Sc. (Hons) Community Science	45	-Nil-

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

Post-Graduate Students Intake

	No. of Students	ICAR
M.Sc (Home Science)	11	3
PhD (Home Science)	3	2

C. RESEARCH

i. Faculty Research

Ongoing Research projects during the year 2017-18

FOODS & NUTRITION

S No.	Project title	Investigators	Funding agency	Period / Duration	Budget Rs. In Lakhs
1	“Nutraceuticals properties of under utilized fruits and vegetables in North Eastern Hill Region of India”	Dr. Aparna Kuna, Associate Professor (Principal Investigator) and Ms. T. Supraja, Assistant Professor (Co Principal Investigator)	ICAR Research Complex, Meghalaya	2014-15 to 2016-17	59.04

APPARELS AND TEXTILE:

S No.	Project title	Investigators	Funding agency	Period / Duration	Budget Rs. In Lakhs
1	Large scale production of natural dyes in replacing synthetic paints	Dr. Geetha Reddy Professor & Head, Dept. of HECM, PJTSAU, (PI) Ms. Sirisha Deepthi, Assistant Professor, Dept. of Apparel and Textiles, PJTSAU (Co-PI)	TSPCB	2016-17	100.00

2	Eco Holi Colours for Environment and Human Safety	Dr. Geetha Reddy Professor & Head, Dept. of HECM, PJTSAU, (PI) Ms. Sirisha Deepthi, Assistant Professor, Dept. of Apparel and Textiles, PJTSAU (Co-PI)	PJTSAU	Feb- March 2017	5.10
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QUALITY CONTROL LAB :

- The MFPI – Quality Control Laboratory has successfully extended the accreditation period upto 2019 with NABL by passing out the “Renewal Audit: as per ISO/IEC 17025:2005 Quality Management Systems.
- Availability of an accredited laboratory working on the principles of ISO/IEC 17025:2005 quality management system provides strong science based approach towards food related research. This will enhance the credibility of the University in terms of data base generation and its utilization with regard to crop genetic resources developed by the university and also add value to the processed products designed out of those varieties through the efforts of food scientists of the laboratory. Such accredited facility will help the stake holders of food chain in meeting the labeling requirements of FSSAI.
- **The lab participated in International Proficiency Testing (PT)** for round no. A-PT-20-107 for analysis of Moisture; Ash; Protein; Fiber and Iron parameters in a cereal flour matrix conducted by Aashvi Proficiency Testing and Analytical Services, Hyderabad and got excellent Z scores in the PT round.

S No.	Project title	Investigators	Funding agency	Period / Duration	Budget Rs. In Lakhs
1	Effect of processing on the physico – chemical and amino acid compositional changes in the released / minikit / advanced breeding stage varieties of Cereals, Pulses of PJTSAU	Dr. K. Aparna, Sr. Scientist (F & N) & Dr. M.Sreedhar, Principal Scientist and Head	PJTSAU	2017-18	-
2	Analysis of commercial samples for quality testing	Dr. K. Aparna, Sr. Scientist (F & N) & Dr. M.Sreedhar, Principal Scientist and Head	PJTSAU	2017-18	1.5 Lakhs
3	Determination of fatty acid profile of processed foods commonly available in the market with special reference to trans fatty acids	Dr. K. Aparna, Sr. Scientist (F & N) & Dr. M.Sreedhar, Principal Scientist and Head	PJTSAU	2017-18	-

PROJECTS SANCTIONED BY ICAR TO AICRP-H.Sc. UNDER XIII PLAN (2017-20)

Component	Projects	Thematic areas:
a) FN	Development of region specific therapeutic foods for prevention of diabetes Dietary approach for management of dual burden of malnutrition among farm women	<ul style="list-style-type: none"> • Food and nutritional security in farm families. • Nutrition education to farm families. • Development of region specific therapeutic foods for prevention of diabetes
b) CD	1.Reproductive Health Care in Agrarian Families 2.Developing and validation of parenting index	<ul style="list-style-type: none"> • Maternal and peri-natal health • Sexually transmitted and reproductive tract infections • Family Planning - Improving the Lives of Women • Adolescent Sexual and Reproductive health • Healthy pregnancy and safe delivery • Sexual and Reproductive Health • Reproductive rights • Antenatal care and newborn health
c) FRM	Drudgery Reducing Farm Technologies for Gender Equity Ergonomics for work improvement and gender equity in agro-enterprises	<ul style="list-style-type: none"> • Drudgery reduction • Energy conservation • Farm mechanization • Entrepreneurship
d) CT	1. Value chain on underutilized natural fibers 2. Utilization of plant extracts for green functional finishes for textiles 3. A social pursuit through skill based training and in product diversification of ethnic crafts on textiles	<ul style="list-style-type: none"> ▪ To explore new non conventional fiber and study the properties ▪ Identification & methodology framing-plant sources suitable for mosquito repellent finish/product development ▪ Collection of Puttapaka traditional designs, development of contemporary design catalogue & product

e) EXT	<p>Promoting Farm Women Knowledge Groups (FWKGs) for Enhanced Use of ICT in Agriculture and Allied Sectors</p> <p>Empowerment of Farm Women on Climate Change</p> <p>Scoping IFS Models from Gender Perspective with Focus on Enhancing Farm Income Research work in details</p>	<ul style="list-style-type: none"> ▪ Gender Impacts of Climate Change ▪ Gender Friendly Farm Enterprises ▪ e- extension: Promoting ICT Applications through Farm Women Knowledge Groups. ▪ Doubling Farmers Income through Integrated Farming Systems.
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ii) Student Research

S. No	Title of the Thesis	Name of the Student	Name of the major advisor
M.Sc. Foods and Nutrition			
1.	Screening of selected rice varieties for puffing process.	Hajerah Khan	Dr. S Sucharitha Devi
2.	Resistant starch and glycemic index profiling of rice cooked by adding selected ingredients.	M. Jyothirmayi	Dr. K. Uma Maheswari
3.	Development of dehydrated products from selected fruits and vegetables	Samia, M.Akber	Dr. V. Vijaya Lakshmi
4.	Effect of maturity stages and ripening process on the nutrient and bioactive composition of mango (<i>Mangifera Indica L.</i>) <i>Var.</i> Banganapalli.	Himani Joshi	Dr. K. Aparna
5.	Nutritional quality and glycemic index profiling of germinated quinoa.	M. Naga Sai Srujana	Dr. B. Anila Kumari
M.Sc. Food Technology			
6.	Development and evaluation of value added bakery products with germinated brown rice (GBR).	B. Mounika	Dr. S.Sucharitha Devi
7.	Production of rice wine from high yielding rice varieties.	N.S. Pavan Kumar	Dr. K. Uma Devi
8.	Development and evaluation of fresh and dried ripe papaya peel incorporated chapathis.	C.S. Pavitra	Dr. S.Sucharitha Devi
9.	Development and Shelf Life Study of Fruit Roll-Ups from Papaya Blends.	V. Saranya	Dr. K. Uma Devi

10.	Influence of hydrocolloids on rheological properties and sensory quality of gluten free biscuits from foxtail millet and quinoa.	V. Thejasri	Dr. T.V.Hymavathi
11.	Effect of maturity stages and ripening process on the nutrient and bioactive composition of mango (<i>Mangifera Indica L.</i>) <i>Var.</i> Banganapalli.	M. Nagalakshmi	Dr. K. Aparna
12.	Development and standardization of ice cream and porridge mix utilizing black rice	M. Pranil	Dr. V. Vijaya Lakshmi
13.	Nutritional profiling and development of value added products with Quinoa (<i>Chenopodium quinoa</i>)	M. Priyanka	Dr. Jessie Suneetha. W

OBJECTIVE II

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

UG Programme

- As per the ICAR's Dean's committee recommendation, UG Curriculum was revised and being implemented from the academic year 2016-2017 as B.Sc. (Hons) Community Science.
- Paralelly the IV Dean's Committee recommended '4' year degree program i.e. B.Sc.(Hons), Home Science with 2+2 option, B.Sc.(Hons) Food Science and Nutrition and B.Sc. (Hons) Fashion Technology are continuing with II , III and IV year students.

PG Programme

As per the ICAR's IV Dean's committee recommendation, PG Curriculum of M.Sc. (Nutrition and Dietetics) was revised and implemented from the year 2009-10.

Action Plan: On- going Academic Programmes and Activities

Undergraduate Programme-

4 year degree (3+1) – *B.H.Sc.*(Hons) Community Science.

4 year degree (2+2) – *B.H.Sc.*(Hons) Home Science (Continued).

4 year degree (2+2) – *B.H.Sc.*(Hons) Food Science and Nutrition (Continued).

4 year degree (2+2) – *B.H.Sc.*(Hons) Fashion Technology (Continued).

Postgraduate Programme-

M.Sc. (H.Sc) & PhD (H.Sc.) – Foods and Nutrition

M.Sc. (H.Sc) & PhD (H.Sc.) – Family Resource Management

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

M.Sc. (H.Sc) & PhD (H.Sc.) – Textile and Clothing

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

STAFF AS RESOURCE PERSONS (OUT SIDE ORGANISATION)

SI No.	Name /Designation	Programme	Organization / venue	Period
1	Dr. T. V. Hymavathi, Professor, Department of Foods and Nutrition	value addition to millets under the training program production enhancement to millets	State Agricultural Management and Extension Training Institute (SAMETI)	23-9-2017.
2	Dr. K. Uma Maheswari Professor and university head Dept of FN, PG&RC	“Value addition to food crops”	ICAR – Central Institute of Dry land Agriculture, Hyderabad	15-10-2017
4	Dr. T. V. Hymyavathi, Professor, Department of Foods and Nutrition	the post-harvest intervention in integrated farming systems	EEI	14-11-201 to 18-11-2017
5	Dr. K. Uma Maheswari Professor and university head Dept of FN, PG&RC	Pulses, their important varieties, constituents and milling procedures’	Indian Grain Storage Management and Research Institute, Hyderabad.	16-11-2017 to 13-12-2017
6	Dr. T. V. Hymyavathi, Professor, Department of Foods and Nutrition	Post Harvest Technology and value addition in Agricultural crops	SAMETI, Hyderabad for Agricultural Extension officers	06-02-18
7	Dr. T. V. Hymyavathi, Professor, Department of Foods and Nutrition	Exhibited various millet health foods.	AGRITECH	09-02-2018 to 11-02-2018
8	Dr. T. V. Hymyavathi, Professor, Department of Foods and Nutrition	exhibited various knowledge material and the millet products.	Rotary club at PJTSAU auditorium	10-02-2018 to 11-02-2018

RESEARCH PUBLICATIONS

S. No.	Name of the author	Year	Title of article	Name of Journal	Volume	Page No.s
1	V. Saranya, K. Uma Devi, Jessie Suneetha W and K. B. Suneetha	2017	Development and shelf life study of papaya fruit rollups	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (6)	1420-1424
2	B. Mounika, S. Suchiritha Devi, K. Uma Maheswari, V. Hemalatha and Jessie Suneetha W	2017	Shelf life studies on nankhatai incorporated with germinated brown rice	<i>Trends in Biosciences</i>	10 (10)	1908 – 1910
3	R. Srivalli, B. Anila Kumari, K. Uma Maheswari, B. Neeraja Prabhakar and Jessie Suneetha W	2017	Physico-chemical properties, lycopene content and product development of Pusa ruby tomato powder	<i>Trends in Biosciences</i>	10 (3)	1012-1015
4	V. Daiva Shiromani, Aparna Kuna, S. Suchiritha Devi and P. Amala Kumari	2017	Effect of selected demographic characters on health related quality of life (HRQOL) in type 2 diabetic subjects of Hyderabad and Rangareddy Districts of Telangana State	<i>The Journal of Research, PJTSAU</i>	45 (1&2)	104-111
5	Hajerah Khan, S Suchiritha Devi, K Aparna and S L Kameswari	2017	Resistant starch content of puffed Rice Prepared with newly Released Varieties (WGL 44, WGL 283 and RNR 2458) of Telangana State	<i>The Journal of Research, PJTSAU</i>	45 (1&2)	86-88
6	Nida Fatima Hazari and V. Vijaya Lakshmi	2017	Effectiveness of 2 D Animated Film on Nutrition and Health Practices of Rural Women	<i>International Journal of Communication and Media Studies</i>	7 (4)	
7	Nida Fatima Hazari and V. Vijaya Lakshmi	2017	Assessing the Effectiveness of E - Learning Education Material on Nutrition and Health Attitude of	<i>International Journal of Educational Science and</i>	7 (5)	

			Rural Women: A Quasi Experimental Study	<i>Research</i>		
8	Hajerah Khan, Suchiritha D. S, Aparna, K and Kameswari	2017	<i>In-Vitro</i> carbohydrate and protein digestion of three selected varieties of puffed rice	Journal of Pharmacognosy and Phytochemistry	6 (6)	829-830
9	M. Priyanka, Jessie Suneetha W, K Uma Maheswari, K. B. Suneetha, V. Vijaya Lakshmi and B Anila Kumari	2017	Standardisation and evaluation of quinoa incorporated breakfast items	<i>The Pharma Innovation Journal</i>	6 (10)	200-201
10	Flora-Glad Chizoba Ekezie, Jessie Suneetha, W., K. Uma Maheswari, B. Anila Kumari and T.N.V.K.V. Prasad	2017	Green synthesis of copper nanoparticles using <i>Momordica charantia</i> fruit extracts and evaluation of their anti-microbial efficacy	<i>International Journal of Current Microbiology and Applied Sciences</i>	6 (4)	99-109
11	C.S. Pavithra, S. Suchiritha Devi, W. Jessie Suneetha, B. Anila Kumari and Ch. V. Durga Rani	2017	Antioxidant activity of papaya peel and developed chapathis	<i>International Journal of Current Microbiology and Applied Sciences</i>	6 (7)	170-173
12	M. Naga Sai Srujana, B. Anila Kumari, K. Uma Maheswari, K. B. Suneetha Devi and Jessie Suneetha W	2017	Sensory quality characteristics of gluten-free products prepared with germinated quinoa (<i>Chenopodium quinoa</i> Willd)	<i>International Journal of Current Microbiology and Applied Sciences</i>	6 (8)	3507-3514
13	C.S. Pavithra, S. Suchiritha Devi, W. Jessie Suneetha and Ch. V. Durga Rani	2017	Nutritional properties of papaya peel	<i>The Pharma Innovation Journal</i>	6 (7)	170-173
14	R. Srivalli, B. Anila Kumari, K. Uma Maheswari, W. Jessie	2017	Shelf life studies of tomato powder incorporated cold extrudates	<i>International Journal of Current Microbiology</i>	6 (4)	1569-1575

	Suneetha and B. Neeraja Prabhakar			<i>and Applied Sciences</i>		
15	Flora-Glad Chizoba Ekezie, Jessie Suneetha, W., K. Uma Maheswari, T.N.V.K.V. Prasad and T. G. Krishna	2017	Antimicrobial efficacy of zinc nanoparticles synthesized from bitter gourd extract	<i>Journal of Scientific Research & Reports</i>	13 (2)	1 to 5
16	J. Srinivas, Jessie Suneetha W, K. Uma Maheswari, B. Anila Kumari, S. Suchiritha Devi and N. Krishnaiah	2017	Nutritional analysis of value added shrikhand	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (5)	1438-1441
17	B. Neeharika, P. Harichandana, Jessie Suneetha W, B. Anila Kumari and K. Uma Maheswari	2017	Physico-chemical and sensory evaluation of groundnut and cottonseed oil blends	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (6)	1534-1538
18	M. Naga Sai Srujana, B. Anila Kumari, K. Uma Maheswari, K. B. Suneetha Devi, V. Vijaya Lakshmi and Jessie Suneetha W	2017	Glycemic index profiling of germinated quinoa (<i>Chenopodium quinoa</i> Willd)	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (5)	2634-2636
19	M. Priyanka, Jessie Suneetha W, K Uma Maheswari, K. B. Suneetha and B Anila Kumari	2017	Development and evaluation of quinoa based snack items	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (4)	831-833
20	N. Bhagya Lakshmi, Jessie Suneetha W., K. Uma Maheswari, B. Neeraja Prabhakar and B. Anila Kumari	2017	Antioxidant potential of rice bran and vegetable waste powders incorporated extrudates	<i>The Pharma Innovation Journal</i>	6 (4)	12 to 16

21	N. Bhagya Lakshmi, Jessie Suneetha W., K. Uma Maheswari, B. Neeraja Prabhakar and B. Anila Kumari	2017	Development and evaluation of fiber enhanced extrudates with vegetable waste powders	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (2)	125-129
22	S. Thiruchenduran, K. Uma Maheswari, T. N. V. K. V. Prasad, B. Rajeswari and W. Jessie Suneetha	2017	UV-Vis scanning coupled with PCA as an alternative method for phytochemical screening of natural products – <i>Costus Igneus</i> leaf metabolites	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (1)	411-416
23	Ronanki Srivalli, B. Anila Kumari, K. Uma Maheswari, B. Neeraja Prabhakar and Jessie Suneetha W	2017	Development and evaluation of tomato powder incorporated rice based cold extrudates	<i>The Journal of Research PJTSAU</i>	45 (4)	83 – 85
24	N. Sunitha, P. AmalaKumari, P. Sreedevi and R. Neela Rani	2017	Information and Communication Technology (ICT) applications based for adults learning styles on KVK Rudrur in Nizamabad district, Telangana	<i>Hind Agricultural Research and Training Institute, Agriculture Update</i>	12 (8)	2194-2198
25	Rosalin Mishra and P.Sreedevi	2017	An analysis of the reports of parents on alarming signs of Autism in children	<i>Community Guidance and Research</i>	34	1 to 4
26	M. Sandhya Rani and P.Sreedevi	2017	Relationship between caretakers variable on occupation and coping strategies of Care takers attending to patients with Cancer patients	<i>The International Journal of Indian Psychology</i>	4(2)	96
27	Kamalaja T, Uma Maheswari K, Uma Devi K, Vanisree S and Mary Swarnalatha A	2017	Glycemic index profiling of selected newly released rice varieties of Central Telangana Zone	<i>International Journal of Scientific Research</i>	6	7

28	Milcah Paul and D Ratna Kumari	2017	Physical Conditions of a Classroom- Dynamic Elements Promoting Mental Health and Conducive Learning in Students	<i>International Journal of Applied Social Science Research</i>	8 (1)	15279-15283
29	Jyothirmayi, M., Uma Maheswari, K., Anila Kumari .B and Mohibbe Azam	2017	Physico-chemical and organoleptic quality characteristics of Sampada rice variety cooked with different ingredients	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (4)	1660-1665
30	Kamlaja, T., Uma Maheswari, K., Uma Devi, K., Vanisree, S and Mary Swarna Latha A	2017	Glycemic index profiling of selected newly released rice varieties of central Telangana zone	<i>International Journal of Scientific Research</i>	6(7)	
31	P. Kavya, M. Sujatha, S. R. Pandravada and T. V. Hymavathi	2017	Exploiting Genetic Divergence in Italian Millet (<i>Setaria italica</i> (L.) P. Beauv) Elite Germplasm Lines: A Neglected and Underutilized Crop	Environment & Ecology	35 (3C)	2312—2315
32	Hymavathi TV, Rao SK, Boini P, Rajesh P, Rodrigues L	2017	Profiling of Eleusine Coracana Biscuits for Glycemic Index, Stress and Lipid	<i>MOJ Drug Design Development & Theory</i>	1(2)	
33	V. Thejasri , T.V. Hymavathi , T.P. Pradeepa Roberts , B. Anusha and S. Suchiritha Devi	2017	Sensory, Physico-Chemical and Nutritional Properties of Gluten Free Biscuits Formulated with Quinoa (<i>Chenopodium quinoa</i> Willd.), Foxtail Millet (<i>Setaria italica</i>) and Hydrocolloids	<i>International Journal of Current Microbiology and Applied Science</i>	6 (8)	1710-1721
34	Mounika, B., Suchiritha Devi.S., Uma Maheswari, K., Hemalatha.V and Supraja.T	2017	Physical, proximate and nutritional composition of cookies incorporated with germinated brown rice	<i>The Pharma Innovation Journal</i>	6 (7)	958-961

35	Milcah Paul, P. Radha Rani and D Ratna Kumari	2017	Review on Consumer Opinions and Preferences Regarding Interior Design Products Made from Handlooms	<i>Advances in Research Volume</i>	11(4)	1 to 7
36	N. Sunitha, Y.Uma Jyothi, Priya Sugangandhi and P. Sree devi	2017	VARK Learnig style compatibility in ICT modules of Health and Nutrition Education	<i>International Journal of Educational Science and Research</i>	7 (5)	
37	M. Milcal Paul and P Radha Rani	2017	Gender differences in the rural families regarding the decision making , access and control over assets- a review	<i>Research Journal of Family Community and Consumer Sciences</i>	5 (7)	1 to 6
38	M. Milcah Paul and Mahalakshmi.V.R eddy	2017	Role of men and women in decision making related to farm and household activities	<i>International Journal of Management Information Technology and Engineering</i>	5 (9)	1 to 8
39	M. Milcal Paul and Dr.P Radha Rani	2017	Availability and control of the financial resources in the rural household	<i>International Journal of Research in Business Management</i>	5 (9)	39-42
40	Pushpa Dhama and S. Sucharitha Devi	2017	Estimation of <i>In Vitro</i> Starch Digestibility (IVSD) in the fermented rice and ragi based products	<i>Int. J. Pure App. Biosci.</i>	5 (4)	1406-1411
41	M.Deepa and M.Sarada Devi	2017	Infant and Young Children feeding practices and Nutritional status of Tribal children	<i>The Journal of Research PJTSAU</i>	XLV (1 & 2)	62-65
42	Rosalin Mishra, P.Sreedevi and Nasreen Banu	2017	Need assessment of parents with Artistic children	<i>The Journal of Research PJTSAU</i>	XLV (1 & 2)	80-82
43	E Tejaswini, Dr. S Suchiritha Devi, Dr. V Vijaya	2017	Nutritional status of rural and tribal pregnant woman of	<i>The Pharma Innovation Journal</i>	6 (9)	479-481

	Lakshmi, J Shirisha, SL Kameswari and V Sujatha		Karimnagar district, Telangana			
44	Hajerah Khan, S Suchiritha Devi, K Aparna and S L Kameswari	2017	Nutritional properties of three selected varieties of puffed rice: WGL44, WGL283 and RNR2458	<i>The Pharma Innovation Journal</i>	6 (9)	458-460
45	J. Shirisha, K. Uma Devi and S. Suchiritha Devi	2017	Income and expenditure pattern of shg and non shg rural Households of Telangana	<i>International Journal of Environment, Ecology, Family and Urban studies</i>	7 (5)	19-22
46	B.Mounika,S.Such iritha Devi, K. Uma Maheswari and V.Hemalatha	2017	Development and evaluation of germinated brown rice incorporated nankhatai	<i>The Journal of Research, PJ TSAU</i>	45 (1&2)	101-103
47	M. Milcah Paul and P.Radha Rani	2017	Gender Differences in Social Empowerment Among Rural Families	<i>Educational Leadership for Global Social Justice:Issues and Challenges</i>	Sourabh Publicati on Udaipur	304-307
48	Priya Sugandhi G and Uma Maheswari K	2017	Development and standardization of no added sugar probiotic and symbiotic functional yoghurts and their sensory characteristics on the day of preparation	<i>Bulletin of Environment Pharmacology and Life Sciences</i>	6 (1)	84 - 87
49	K Uma Maheswari, K Rajeswari and G Anitha	2017	Nutritional status of preschool children in Anganwadi centers of ICDS projects in united Andhra Pradesh with AP food and local food models, 2017	<i>The Pharma Innovation Journal</i>	6 (11)	487-493
50	M Sujatha, T V Hymavathi, KU Devi, TPP Roberts and DP Kumar	2017	Effect of Heat Treatment and Gamma Irradiation on <i>In Vitro</i> Protein Digestibility of Selected Millet Grains	<i>Int. J. Curr. Microbiol. App. Sci</i>	6 (11)	1014- 1020

51	Ayesha Sultana Ahmed and P.Radha Rani	2017	A study on sensory limitations among elderly in the selected oldage homes of Hyderabad city	<i>International Journal of Research in Applied Natural and Social Sciences</i>	5 (10)	
52	P Kavya, M Sujatha, SR Pandravada and TV Hymavathi	2017	Variability Studies in Foxtail millet [<i>Setaria italica</i> (L.) P. Beauv]	<i>International Journal Curr. Microbiol. App. Sci.</i>		
53	T. V. Hymavathi and Vijaya Khader	2017	Development of value added β carotene rich mango powder for culinary use	<i>In text book on Preservation and processing of fruits and vegetables by Dr. Vijaya Khader</i>		
54	Vijaya Khader and T. V. Hymavathi	2017	<i>Carotenoids and human health</i>	<i>In text book on Preservation and processing of fruits and vegetables by Dr. Vijaya Khader</i>		
55	M. Priyanka, Jessie Suneetha W, K Uma Maheswari, K. B. Suneetha and B Anila Kumari	2018	Glycemic index profiling of quinoa (<i>Chenopodium quinoa</i> Willd) variety	<i>Journal of Pharmaceutical Research International (formerly British Journal of Pharmaceutical Research)</i>	21 (2)	1 to 5
56	Krina Patel, B Neeharika, Jessie Suneetha W, B Anila Kumari, B Neeraja Prabhakar, V Vijaya Lakshmi and K Uma Maheswari	2018	Effect of blanching on anti-nutritional factors of bathua leaves	<i>The Pharma Innovation Journal</i>	7 (4)	214 - 216
57	M. Naga Lakshmi, K. Aparna, Himani Joshi, M.	2017	Effect of harvest stage, ethylene and days of storage on the physico-	<i>Journal of Research - ANGRAU</i>	45(4)	62-70

	Sreedhar, and A. Kiran Kumar.		chemical characters of mango (<i>Mangifera indica</i> L.) var. Banganapalli.			
58	B. Soujanya, A. Kiran Kumar, M. Sreedhar, K. Aparna and K. Ravinder Reddy	2017	Quantification of Lupeol in Selected Commercial Coloured Cultivars of Mango (<i>Mangifera indica</i> L.) Cultivated in Telangana Region	<i>International Journal of Pure and Applied Bioscience. :</i>	5 (4)	2141-2146
59	Soujanya B, Kiran K. Adapa, Sreedhar M, Aparna K, and Ravinder Reddy K	2017	Quantification of Lupeol in selected juicy cultivars of mango (<i>Mangifera Indica</i> L.) popularly grown in Telangana region	<i>Journal of Plant Development Sciences</i>	9 (9)	859-863
60	Ganesh V. Bhat, Aparna Kuna, C. Kavitha and N. Krishnaiah	2017	Evaluation of in-vitro iron availability in iron fortified Ready To Eat (RTE) extruded snack	<i>Biochem. Cell. Arch.</i>	17 (2)	675 – 681
61	M. Mohibbe Azam, Amtul Waris, T. Ram, Aparna Kuna and Supta Sarkar	2017	Iron Fortification of Rice for Combating Iron Deficiency Anaemia	<i>Bulletin of Environment, Pharmacology and Life Sciences</i>	6 [3]	612-615
62	Rizwana Shaik, Aparna Kuna, Mohibbe Azam, Ram T, Manorama Kanuri and Geetha Samala	2017	Effect of rice bran oil spread on the physical, sensory and fatty acid profile of cake	<i>Journal of Food Science and Technology</i>	54 (7)	2126-2134
63	Himani Joshi, Aparna Kuna, Metra Naga Lakshmi, M. Sreedhar, A. Kiran Kumar	2017	Effect of stage of maturity, ripening and storage on antioxidant content and activity of <i>Mangifera indica</i> L. var. Manjira	<i>International Journal of Food Science and Nutrition</i>	2(3)	09-Jan
64	Margaret Buelah and P. Sreedevi	2018	Age differences in body image perceptions of tribal adolescents, <i>Current Journal of Applied Science and Technology</i>	<i>Current Journal of Applied Science and Technology</i>	25 (4)	1-8

65	J. Mamatha and P.Sreedevi	2018	Perceptions of Rural adolescents on Body image	<i>Journal of Research PJTSAU</i>	3 & 4	74-76
66	E Jyoshna, TV Hymavathi	2017	Review of studies on effect of resistant starch supplementation on glucose and insulin	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (3)	55-58
67	E Jyoshna, TV Hymavathi	2017	Study on resistant starch supplementation effect on total cholesterol: Review of literature	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (1),	50-51
68	E Jyoshna, TV Hymavathi	2017	Resistant starch: Importance, categories, food sources and physiological effects	<i>Journal of Pharmacognosy and Phytochemistry</i>	6 (2),	67-69
69	M. Naga Lakshmi, K. Aparna, Himani Joshi, M. Sreedhar, and A. Kiran Kumar.	2017	Effect of harvest stage, ethylene and days of storage on the physico-chemical characters of mango (<i>Mangifera indica</i> L.) var. Banganapalli.	<i>Journal of Research - ANGRAU</i>	45(4)	62-70
70	B. Soujanya, A. Kiran Kumar, M. Sreedhar, K. Aparna and K. Ravinder Reddy	2017	Quantification of Lupeol in Selected Commercial Coloured Cultivars of Mango (<i>Mangifera indica</i> L.) Cultivated in Telangana Region	<i>International Journal of Pure and Applied Bioscience. :</i>	5 (4)	2141-2146
71	Soujanya B, Kiran K. Adapa, Sreedhar M, Aparna K, and Ravinder Reddy K	2017	Quantification of Lupeol in selected juicy cultivars of mango (<i>Mangifera Indica</i> L.) popularly grown in Telangana region	<i>Journal of Plant Development Sciences</i>	9 (9)	859-863
72	Ganesh V. Bhat, Aparna Kuna, C. Kavitha and N. Krishnaiah	2017	Evaluation of in-vitro iron availability in iron fortified Ready To Eat (RTE) extruded snack	<i>Biochem. Cell. Arch.</i>	17 (2)	675 – 681
73	M. Mohibbe Azam, Amtul Waris, T. Ram, Aparna Kuna and	2017	Iron Fortification of Rice for Combating Iron Deficiency Anaemia	<i>Bulletin of Environment, Pharmacology and Life</i>	6 [3]	612-615

	Supta Sarkar			<i>Sciences</i>		
74	Rizwana Shaik, Aparna Kuna, Mohibbe Azam, Ram T, Manorama Kanuri and Geetha Samala	2017	Effect of rice bran oil spread on the physical, sensory and fatty acid profile of cake	<i>Journal of Food Science and Technology</i>	54 (7)	2126-2134
75	Himani Joshi, Aparna Kuna, Metra Naga Lakshmi, M. Sreedhar, A. Kiran Kumar	2017	Effect of stage of maturity, ripening and storage on antioxidant content and activity of <i>Mangifera indica L. var. Manjira</i>	<i>International Journal of Food Science and Nutrition</i>	2(3)	9-12
76	Nasreen Banu & A. Mrunalini	2017	Empowering young farmers in the context of climate change	<i>International Journal of Agricultural Science and Research</i>	7(2)	449-456
77	Nasreen Banu, K. Yashoda	2017	Remedial learning programme for the Academically backward children	<i>International Journal of Educational Science and Research</i>	7(2)	69-82
78	Nasreen Banu, K. Yashoda	2017	Impact of Counseling on Psycho-Social Behavioural Problems of Academically Backward Children	<i>International Journal of Science and Research</i>	6(4)	977-984
79	Nasreen Banu, K. Yashoda	2017	Impact of counseling on psycho-social problems of youth	<i>International Journal of Educational Science and Research</i>	7(4)	77-94
80	Nasreen banu	2017	Empowering rural youth for livelihood Security in non -farm activities	<i>International Journal of Educational Science and Research</i>	7(4)	101-114
81	Kamalaja, T., Uma Maheswari,	2017	Physical and Chemical Quality Characteristics	<i>International Journal of</i>	7(4)	309-312

	K., Umadevi, K., Vanisree, S and A. Mary Swarnalatha.A		of Newly Released Rice Varieties of Central Telangana Zone.	<i>Agricultural Science and Research</i>		
82	Kamalaja, T and Prashanthi, M.	2017	Impact of Change in Dietary Behaviors and Iron Supplementation for Reduction of Iron Deficiency Anemia In Rural Adolescent Girls.	<i>International Journal of Agricultural Science and Research</i>	7(4)	525-528
83	Padma Alapati & khateeraja Sulthana shaik	2017	Indigenous method to combat Environmental health hazards of agricultural workers while harvesting	<i>International Journal of Educational Science and Research (IJESR)</i>	7(5)	101-114
84	Padma Alapati & khateeraja Sulthana shaik	2017	Improving farmers knowledge on indigenous practice of spraying pesticides in grape garden	<i>International Journal of Agricultural Science and Research (IJASR)</i>	6(4)	977-984
85	Prathyusha Kantheti and Padma Alapati	2017	Review on tribal medicinal practices of north-east India for mosquito Repellency	<i>Journal of Pharmacognosy and Phytochemistry</i>	6(5)	1256-1259
86	Prathyusha Kantheti and Padma Alapati	2017	Ethnobotanical tribal practices for mosquito repellency practices in North India”	<i>Journal of Pharmacognosy and Phytochemistry</i>		77-94
87	Shiresha Manyam and Padma Alapati	2017	‘Softening Treatment on Sisal Fiber using enzymes’ in) – Nass Rating:	<i>‘International Journal of Agricultural Science and Research (IJASR)</i>	4.13’	

88	Manisha Mohanta, Mahalakshmi V. Reddy and Y. Vijaya Lakshmi	2017	Barriers in The Homes of Wheelchair Users	<i>Research Inspiration- a multidisciplinary e-journal</i>	2(3)	163-172
89	V.Vijaya Lakshmi	2017	Briquetting an alternate method for recycling agro waste	<i>International Journal of Management Information Technology and Engineering</i>	5(9)	9-16
90.	V.Vijaya Lakshmi and M.Milcah Paul	2017	Consumption Pattern And Financial Management Among College Students	<i>International Journal of Business and General Management</i>	6(5)	63-70
91.	V.Vijaya Lakshmi, J.Deepika and Logeswari	2017	Evaluation of thoracic kyphosis and lumbar lordosis among VDT workers and kitchen workers	<i>International Journal of Educational Science and Research</i>	7(5)	101-108

OBJECTIVE III

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

TRAINING PROGRAMMES / SEMINARS / WORKSHOPS ATTENDED BY STAFF

Sl No.	Name / Designation	Programmes	Organization / venue	Period
1	T. Supraja, Assistant Professor and V. Sujatha Teaching Associate, Department of Food and Nutrition	Attended State level discussion panel with Director of Women development and child welfare to discuss about the strategies for improvement of Nutritional Status of Adolescent Girls	Telangana State	21.4.2017
2	Dr.A.Mrunalini, Dean, Faculty of Home Science, Dr V. Vijayalakshmi, The Associate Dean, All the Heads of the departments Dr.MarySwarnalatha, Professor and Head, Dept. of HECM, Dr.P.Radha Rani, Professor and Head, Dept. of RMCS, Dr.M.Sarada Devi, Professor and Head, Dept. of HDFS, Dr.A. Padma, Professor and Head, Dept. of APTX, Dr. Uma Maheswari, Professor and University Head, Dept. of FDNT, Dr.T. Supraja, Assistant Professor , Dept. of FDNT, Mrs.S.SirishaDeepti, Assistant Professor , Dept. of APTX	Participated in 5 th faculty board meeting	PJTSAU, Hyderabad.	24.4.2017
3	Dr.A.Mrunalini, Dean, Faculty of Home Science, Dr V. Vijayalakshmi, Associate Dean, All the Heads of the departments, Dr.MarySwarnalatha, Professor and Head, Dept. of HECM, Dr.P.Radha Rani,	Attended academic council	PJTSAU, Hyderabad	28.4.2017

	Professor and Head, Dept. of RMCS, Dr.M.Sarada Devi, Professor and Head, Dept. of HDFS, Dr.A. Padma, Professor and Head, Dept. of APTX, Dr. Uma Maheswari, Professor and University Head, Dept. of FDNT			
4	Dr. A. Padma, Professor & Head, Department of Apparel & Textiles, Dr.NasreenBhanu, Professor, Dept. of HDFS, Dr.P.Sreedevi, Assistant Professor, Dept of HDFS, Ms. S. SirishaDeepthi, Assistant Professor, APTX department, Ms. G. Shalini, Teaching Associate, APTX department	Nominated as subject experts for Workshop on Refinement of Vocational Curriculum. The expert committee updated the syllabus for Intermediate vocational courses as per current trends and certain courses that were similar were merged.	O/o Commissioner of Intermediate Education, Telangana State, Hyderabad	01.05.2017 to 03.05.2017
5	Dr.JessieSuneetha and B.AnilaKumari, Assistant professor, Department of Foods and Nutrition, PG&RC,	Fourth foundation course for faculty agricultural universities	NAARM, Rajendranagar-30.	2.05.2017 to 1.06.2017
5	Dr.K.Uma Maheswari, Director, CAFT-H SC and Professor & University Head, Dept of Foods & Nutrition, PGRC,PJTSAU, Hyderabad	To discuss feasibility of introducing B.Sc (Hons) Food, Nutrition and Dietetics in addition to the existing B.Sc (Hons) Community Science programme.	PGRC, C H Sc, PJTSAU, Hyderabad	27 th , September, 2017
6	The Dean of Faculty of Home Science, Associate Dean, University Heads and Professor and Heads of five Departments, 1 Associate Professor and 2 Assistant Professors	Participated in Faculty board meeting	EEL, Rajendranagar.	24.10.17
7	Ms T. Supraja, Assistant Professor	NSS officer have participated in the State Level Curriculum Workshop on Capacity Building for Mainstreaming Sendai Frame work for Disaster Risk Reduction (SFDRR)	National Council of Rural Institutes, Hyderabad.	30.10.2017

		and Rural Resilience Under graduate and Post graduate level in University Curriculum of in Telangana State		
8	The Dean of Faculty of Home Science, Associate Dean, University Heads of five Departments	participated in Academic Council Meeting	Rajendranagar	31.10.17.
9	Dr. Uma Maheswari, CAFT Home Science Director	CAFT training programme A 21 day training programme on “Student READY programme in Home Science - Modalities and Guidelines for Programme implementation”	Home Science, PG & RC, Professor Telangana State Agricultural University, Hyderabad	1-11-2017
10	Dr. T. V. Hymavathi, Professor, PG & RC, Department of Foods and Nutrition	Attended one-day workshop at Agricultural college, R, Nagar on industry academia meet	organized by college of Agriculture.	8-11-17
11	Dr. B. Anila Kumari, Assitant Professor, PGRC and Mrs. S. Sireesha Deepthi, Asst. Professors	Attended CAFT training programme on “Student READY programme in Home Science.	Home Science, PG & RC, Professor Telangana State Agricultural University, Hyderabad	01-11-2017 to 21/11/2017
12	Dr.K.Uma Maheswari, Professor & Head, Department of Foods & Nutrition, PGRC	Attended 3 day conference i.e. 26 th Convention of Food Scientists and Technologists (ICFoST, 2017). The theme of the conference was ‘Food and Nutrition Challenge: Role of Food Science and Technology	CSIT-Indian Institute of Chemical Technology , Hyderabad	07-12-2017 to 09-12-2017
13	Dr.T.V.Hymavathi , Professor, Foods and Nutrition Department, PGRC	Participated in the 26 th ICFoST (Indian Convention of Food Scientists and Technologists) during 7-9 th Dec at IICT, Hyderabad. Co—chaired on session on fruit and vegetable processing and acted as member of poster evaluation committee during the three-day conference.	CSIT-Indian Institute of Chemical Technology , Hyderabad	07-12-2017 to 09-12-2017

Poster presentation

- Prathiba S, Jessie Suneetha W, B.Anila Kumari, K.Uma Maheswari, S. Suchiritha Devi and B. Neeharika. Presented poster on “Effect of blanching on Phytoconstituents of mint leaves” at 26th ICFoST -2017 conference organized by IICT, Hyderabad during 6th to 9th December 2017.
- B. Neeharika, Jessie Suneetha W, B.Anila Kumari, K.Uma Maheswari, S. Suchiritha Devi and Prathiba S. Presented poster on “Antioxidant properties of blanched onion stalks” at 26th ICFoST -2017 conference organized by IICT, Hyderabad during 6th to 9th December 2017.
- Praveen Kumar. D, T.V.Hymavathi . M.Sujatha and Pradeepa Robert presented poster on Effect of heat treatment and irradiation on pasting properties of jowar, Bajra and foxtail millet during 90 days of storage at 26th ICFoST organized by AFST(I) at IICT, Hyderabad during 7-9th Dec 2017 .

External Examiners

Dr. K. Uma Maheswari, Professor & Head, Department of Foods & Nutrition, PGRC is nominated as external expert to evaluate the progress of work of Ph.D student Ms. Divya Kumari for her PhD thesis entitled “**Understanding microbial quality among functionally contrasting cell lines during zinc deficiency**” for upgradation to senior research fellow at NIN, Hyderabad.

POPULAR ARTICLES

Sl. No.	Name/ Designation	Title	Magazine / news paper / news letter	Date /Month / Latter
1.	Dr. M. Sarada Devi, Professor, Dept. of HDFS	various queries of public in Counselling and Guidance column	Vartha News paper	October, 2017
2.	Dr. M. Sarada Devi, Professor, Dept. of HDFS	weekly suggestions to various queries of public in Counselling and Guidance column of Vartha News paper. She also developed a manual on Limitless Possibilities	Vartha News paper	October, 2017

RADIO TALKS

Sl. No.	Name / Designation	Titel	Date of broadcast	Place/ venue
1.	Mrs.V. Sujatha , Teaching Associate Food and Nutrition Department College of Home Science	“Pillalaku selavalalo pakasastharam”	11-4-2017	AIR Hyderabad

Radio programmes covered

Broadcasted 10 episodes in Chenukaburlu, PJTSAU.

Radio Talks

Under CHENUKABURULU PROGRAMME the following topics were broad casted and Dr. R. Neela Rani coordinated, Chenukaburulu programmes of Colleges of Agriculture and Home Science. The details of the topics includes

S. No	Date	Topic	Duration	Students
1.	24-01-2018	Varilo cheedapurugula nivarana	12.43	Agriculture college, Palem
2.		National girl child day	8.03	Home science college, Hyderabad
3.	31-01-2018	Benda saagulo melakuvalu	10.24	Agriculture college, Palem
4.		Indhana vanarulu	10.00	Home science college, Hyderabad
5.	07-02-2018	Kuragayala Narumadula tayari	13.08	Agriculture college, Palem
6.		Prapancha cancer dinotsavam	9.03	Home science college, Hyderabad
7.	14-02-2018	Nuvvupantalo vittanotpatti	16.55	Agriculture college, Rajendranagar
8.		Prapancha radio dinotsavam	7.13	Home science college, Hyderabad
7.	21-02-2018	Vari maganullo mokaajonna saagu	15.26	Agriculture college, Rajendranagar
8.		Vitamin – A lopam valla pillallo vache vyadhulu	7.53	Home science college, Hyderabad

Department of HECM broadcasted 3 episodes – “Importance of water ” on 3.5.17, “Autism” on 10.5.17 and “Mushroom Cultivation and its Nutritive Values” on 17.5.2017.

Under Jalsa Josh covered a total of 80 topics i.e. in the morning – 51 (Quiz-6, Food recipes-16, stories -14, great personalities -6, textiles -19 and topics covered in after noon – 29 under student Radio programme - Ninnanade, naedumanade, repoomanade during the month of October, 2017.

T.V. PROGRAMMES

T V Programme by Dr.K.Uma Maheswari, Prof and Head, PGRC in the farmers T V Channel i.e. Jai Kissan T.V. Channel was recorded on 11-1-2016 at PGRC on the nutritional significance of traditional sankranthi recipes. Value added Telangana Traditional Recipes i.e. Ragi Jowar sakkinalu and Bobbarla Garelu were demonstrated by the students. DR.Anila Kumari, other Staff and students of B Sc (Hons) Food Science and nutrition participated in the show. The show was telecasted on 16-1-2017.



SIGNIFICANT EVENTS

College Day Celebrations

College of Home Science, Saifabad, Hyderabad celebrated college day on 13.04.17 with lot of zeal and fervour. The entire college wore a festive look with multi-coloured lights. A lot of excitement was seen among the students who were dressed in their best attire. The programme started with the opening of indoor auditorium by Mrs. V. Madhavi in the presence of her husband Dr. V Praveen Rao, Vice Chancellor PJTSAU. This was followed by the presentation of College Report by the Associate Dean Dr. V.Vijaya Lakshmi. After that, the Dean of Student Affairs Dr. Kuldeep Singh Dangi and Dean of Home Science Dr. A. Mrunalini graced the occasion with their valuable and inspirational messages. Mrs. Iravathi Reddy who has instituted several cash prizes for meritorious students was also among illuminary guests of the function. Ms. Sravanthi, the student representative read out the achievements of the students of the college. Dr. V. Vimala the former Associate Dean of the college and Member, Board of Management was also present on the occasion. Prizes were distributed and a memorable cultural programme was presented on the occasion.



Release of College Magazine 2017 by the chief guest

QRT TEAM VISIT TO AICRP ON HOME SCIENCE

The QRT team members, Dr. Mahtab S.Bamji, former Director NIN and Dr. S. Vinita Sharma Ex Chairman DST, delegate by ICAR, New Delhi, visited AICRP-H.Sc, on 21st April, to review the progress of work of the unit for XII plan period FROM 1-4-2017 TO 31-12-2017.

AICRP-Home Science, PJTSAU received **National Public Relations award** for corporate video on “**Srama Nundi Sowkaryam Vaipu Mahila Raithulaku Melurakam Panimutlu**” under the category of CD focusing on status of women has been awarded Special Jury Prize by Public Relations Society of India, Hyderabad chapter, Telangana State on 6th August 2017. Mr. P.Venkatesh, Driver, AICRP-Home Science is awarded to appreciation of his meritorious performance in discharging official duties by PJTSAU on the occasion of third foundation day (3-09-2017)



**QRT experts along with Honorable Vice-chancellor,
Director of Research and Scientists**

- A guest lecture on personality development was given by Mr. Rajesh Murthy at the indoor auditorium, College of Home Science, Hyderabad on 15-4-2017. The speaker dealt with certain very interesting aspects like confidence building, motivation, ways of keeping ourselves fit, improving our concentration and increasing our memory power. He mesmerized the audience through his eloquence and impressive body language. The students were greatly benefitted from this lecture.
- Department of HDFS organized HDFS **Talent Fest** on 1.4.17 the chief guest of the function was Dr. A. Mrunalini , Dean, faculty of Home Science, Guest of Honour Dr.V. Vijaya Lakshmi, Associate Dean, College of Home Science. All the students of HDFS department along with the lab school children participated in cultural programme.



- An Exhibition of Natural dye technologies was organised by Project team of ‘Large scale production of biodegradable eco-paint for idol painting with natural dyes’ in Organic Mela at People’s Plaza on 06.05.2017 & 07.05.2017. State Seed & Organic Certification Authority, Government of Telangana organised the Organic mela, in collaboration with Govt. Of India, as a part of Indo German Project. Eco-Ganesh, Eco-Holi and natural dyed



textiles were put on display for the general public by the APTX department.



- **Haritha haram**

NSS unit-III organized Sapling plantation under “Telanganaku Haritha Haram programme” on 22/07/2017 in the Professor Jayashankar Telangana State Agricultural University, as per the part of “Haritha Haram-2017”, students of B.Sc (Hons.) Food Science and Nutrition planted various types of plants including 14- Bouganvilla, 5- Nandivardini, 15- Neeredu, 15- Pagoda in the surroundings of Post- Graduate and Research Centre. In detail, the programme was started at 11:00 PM by our honorable Dean of Faculty of Home Science Dr.A. Marunalini and followed by Associate Dean Dr. V. Vijaya Lakshmi. In this programme more than 70 students along with staff including Dr. K.Uma Maheswari University Head, Dr.T.V Hyamvathi, Dr.B.Anila Kumari (NSS PO), Dr. S. Sucharitha Dr. W. Jessie Suneetha, and AICRIP staff Dr. Padma Dr. Sara Kamala, Dr.Naseerun Banu Dr. Vijaya Lakshmi and Dr. Kamalaja, were actively participated in the Haritha Haram- 2017. As there is a serious demand to grow trees to fight against global warming. Students and Professors of the Post Graduate and Research Centre were ahead and actively participated in the programme making it grand success. But not only planting the trees but also taking care of them is done sincerely as a result of it trees which were planted during Haritha Haram- 2016 & 2015 had full fledged growth in them and they are in a stage of blooming and making the surroundings attractive and pleasant climatic conditions. Thus we hope the same from the plants which

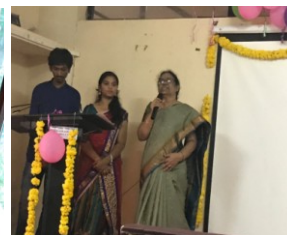


STAFF AND NSS VOLUNTEERS PLANTING THE SAPPLINGS

are planted now and government must encourage this type of activity for our future benefits.

- **Teacher's Day at PGRC Campus**

Students of B.Sc (Hons) Food Science and Nutrition celebrated teacher's day at Post graduate and research center, PJTSAU, Rajendranagar, Hyderabad. The celebrations were started with lightening of lamp ceremony & followed by speeches by **Dr. D. Vishnuvardhan Reddy**, Dean of Students Affairs, **Dr. A. Mrunalini**, Dean of Home Science, **Dr. V.Vijayalakshmi**, Associate Dean, College of Home science, **Dr. K. Uma Maheswari**, Professor and University Head, Department of Foods and Nutrition, **Dr. Md. Azeezuddin**, OSA, other teaching & non-teaching staff of PGRC, College of Home science and ACRIP. On teachers day students have selected a theme (Each one plant one – making India go Green) by presenting a flower plant to teaching & non teaching staff as teacher's nature is similar to that of plants that gives many things & expects nothing in return.



National Nutritional week (1st -7th Sept 2017) celebrations

Students of B.Sc (Hons) Food Science and Nutrition celebrated National Nutritional week (1st -7th Sept 2017) at Post graduate and research center, PJTSAU, Rajendranagar, Hyderabad. Dr. K. Uma Maheswari, Professor and University Head, Department of Foods and Nutrition spoke on and showed the importance on the theme “Optimal infant & young child feeding practices: better child health” as a video.



A video was recorded as a part of National Nutrition Week Celebrations , 2017 (from 1-9-2017 to 7-9-2017) on the theme ‘Optimal Infant & Young Child Feeding Practices: Better Child Health’ by Indian Dietetic Association Telangana and A.P. Chapter which is kept in social media for wide publicity. Dr. K. Uma Maheswari, Professor & University Head, Department of Foods & Nutrition , PGRC,PJTSAU, Hyderabad has given a nutrition education message on the theme as Vice President of IDA, Telangana & A.P. Chapter through the video. The video has got 1.6 thousands viewers as on 15-9-2017.



Student’s activities

- NSS volunteers of B.Sc.(Hons) Food Science and Nutrition and staff of Post graduate and research centre observed the birth anniversary of Sardar Vallabhbhai Patel as “Rashtriya Ekta Diwas (National Unity Day)” on 31th October, 2017. In this occasion flora tribute was followed by video on Rashtriya Ekta Diwas was played for the students. A pledge taking ceremony was organized to mark the occasion.



- Students of Bsc (Hons.) Food Science & Nutrition, PGRC, College of Home science, PJTSAU participated in Sankalp – a National Event B-fest which is presented by PGDMA at NAARM, Hyderabad, Telangana on 28th, 29th August, 2017. Students have participated in an event named Marketing catapult conducted by ICAR – NAARM, Hyderabad. It was conducted at National level where the main theme was buying & selling of the products. Food science & Nutrition students, PGRC, CHSC, PJTSAU own a National prize in marketing catapult where 25 colleges participated (college of Agriculture, Horticulture, SABM etc).



Sankalp – a National Event B-fest -PGDMA at NAARM



Students and staff with certificates of Sankalp-NAARM

- Students of Bsc (Hons.) Food Science & Nutrition, PGRC, College of Home science, PJTSAU participated in “Olumpus” conducted by MANAGE, Rajendranagar, Hyderabad. Around 10 teams from different business management institutes participated in this event. Students of PJTSAU team won second prize in volley ball.
- An awareness programme was conducted on mosquito control with collaboration of Grater municipal corporation, Hyderabad on 7th September 2017. Students were encouraged to download the GHMC mosquito and participate in online quiz.



Greater hyderabad municipal corporation staff creating awareness to students and staff on control of musquitos

- Students of B.Sc.(Hons) Food Science and Nutrition have organized Lore 2k17 (traditional day) I. e on 13Nov. Dr.D.Vishnu Vardhan Reddy, Dean of Student Affairs, inaugurated exhibition on traditional Telangan recipies. Dr. K.Uma Maheswari, CAFT Director, Prof & Head, PGRC and CAFT trainees activity participated in this programme. Cultural progrmames were organized by students on Indian traditional dances and Indian traditional dresses.



Invocation song of PJTSAU



Dr. K. Uma Maheswari, Professor & University Head, addressing the gathering





CAFT trainees participated in cultural programmes

Children's Day celebration at Rajbhavan

- Dr. T. V. Hymavathi, Professor, PG&RC, Department of Foods and Nutrition, participated in the exhibition organized at Rajbhavan on the occasion of children's day on 14th Nov. All varieties of millet grains, primary processed and secondary processed products were displayed. Millet vermicelli production was demonstrated. Nearly 600 school children were visited the stall. Hon'ble, Governor and lady Governor along with other officials also visited the stall.



Hon'ble Governor visiting the millet products display

Agricultural education day

- T. V. Hymavathi, Professor, Foods and Nutrition Department, PGRC (MPIC) Participated in the Agricultural Exhibition at College of Agriculture on December 3rd on the eve of AGRICULTURAL EDUCATION DAY.



Students visiting MPIC stall at AG College

Bathukamma Celebrations were held at College of Home Science Saifabad Hyderabad on 22-9-2017 with great excitement and enthusiasm. The college wore a festive look on this occasion. The Teaching, Non-Teaching staff and the students took part in this colourful programme with a lot of dedication. Hon'ble Vice Chancellor Dr.V Praveen Rao who was on a visit to Home Science College on that day to attend a press conference also witnessed this programme. The event was worth watching and remembering.



Konda laxman Babuji Jayanthi celebrations

Birthday Celebrations of the great Telangana leader Konda Laxman Babuji were Celebrated at College of Home Science Saifabad Hyderabad on 27-9-2017. On this occasion, floral tributes were paid to this great personality and his Colossal contribution towards the cause of Telangana was reminisced. Konda Laxman was a person who played a key role in the Telangana movement in 1969 also. The Horticultural University of Telangana state has been named after this legend. The University is known as Konda Laxman Horticultural University.



Celebration of International Girl child week from 9th - 14th October 2017 held at College of Home Science, Saifabad. Competitions like essay writing, poster making were conducted and Yoga also organised by NSS volunteers . The International Girl Child Day was celebrated on 11th October 2017, Associate Dean Dr. V.Vijayalakshmi addressed to the NSS volunteers.



Swach Hi Seva was celebrated as part of NSS programme. A seminar was organized to the NSS volunteers on the topic “Hand wash and Swach Hi Seva” , Dr. Manikant, UNICEF was the speaker for the seminar and a rally was also conducted to bring awareness in adopted villages of NSS Units.



Participation of Home Science students in Cultural events:

Home Science Students Dominate and made a clean sweep of the Cultural events at the Intercollegiate Cultural meet held at College of Agriculture Rajendranagar from 1-11-2017 to 6-11-2017

Home Science students made a complete whitewash of almost all the cultural events by bagging either first or second prize at the youth fest, PJTSAU at College of Agriculture, Rajendranagar. Our students captivated and mesmerized the audience by their exemplary display of talent in cultural events. The group dance of College of Home Science received standing ovation not only from the judges but from each and every member present in the auditorium. The students lit the stage on fire literally and practically by dancing with lighting fire in the pots on their heads. The entire auditorium echoed with applause and claps. This group dance bagged first place among all the 8 Colleges of PJTSAU became the talk of the University. The dresses, props and the background music of this dance was scintillating, exhilarating and a treat to watch.

The skit performed by our students on **child labour** was also appreciated by the judges who personally called all the 6 participants and congratulated them for their stupendous performance. One student received special prize for her performance which the judges said was professional and natural. Our One Act Play was also superb. Two participants from this act were given special prize for their outstanding performance. The list of prizes in cultural and literary events received by our students are : **First prize** for Solo Song, Skit, One Act play, Group Dance, Telugu debate, **Second** prize for Group Song, Instrumental music, Poster making and **Third** prize for Extempore, Solo dance folk, Cartooning.



Group Dance being performed live on stage



Dean of Home Science with the winners

“**Vigilance Awareness Week**” (30th October 2017- 4th November 2017) was celebrated at College of Home Science and a guest lecture was organized at PGRC, on 2nd November 2107. A. R. G. Ranganathan, Principal scientist and vigilance officer and Dr. Yadav from ICAR- Indian Institute of Oilseeds Research were the guest speakers. The theme of lecture was “My vision- corruption Free India”. Dr. Yadav highlighted about the adulteration in oils. He answered all the queries of NSS volunteers and inculcated awareness about the kinds of oils to be preferred for consumption and healthy living.



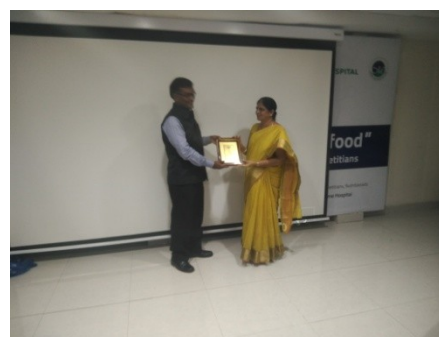
Dr. Yadav from ICAR- Indian Institute of Oilseeds Research addressing the volunteers

National Diabetic Day celebrations

Dr. K. Uma Maheswari, Professor and Head, Department of Foods and Nutrition Participated in one day workshop on ‘Ensuring safe and nutritious food’ organised by IDA Telangana Chapter in connection with ‘diabetic day’ celebrations on 10-1-2018 at Premier Hospital, Hyderabad. About 150 dietitians and students participated in the programme. Chaired session during the workshop.



Dignitaries on the dias (Dr.Sasikaran, Former Director, NIN and executive committee members of IDA (Telangana)



Dr.K.Uma Maheswari presenting Presenting memento

NSS special camp

NSS special camp of unit III B.Sc (Food Science and Nutrition) , PGRC) was conducted at Dubbacherla, Maheswaram Mandal, Rangareddy district from 3rd to 9th Feb 2018. The camp was inaugurated on 3rd Feb 2018 with the theme “Swachha bharat- Swachha grammam” and “Healthy India-Healthy Youth”. Associate Dean Dr. V. Viyalakshmi, Dr. K. Uma Maheswari, Professor & University Head, NSS officer Dr. B. Anila Kumari , Dr. Jessie Suneeth W Assistant Professor and sarpanch of the village and village people were present during inaugural ceremony which was followed by plantation of trees in the government school premises.

During the camp various activities such as swatch graamam rallies, plantation of sapling, educating school children about personal hygiene, cleanliness of surroundings through live demonstrations and street plays, awareness about HIV/AIDS through rallies involving local youth were conducted. Major places like high school, primary school, gram panchayath office, temples and church were cleaned and explained them the importance of cleanliness. Soak pit was constructed at the primary school. Cookery contest and healthy baby show and demonstration on first aid was conducted. Skits were played on alcoholism, dowry and domestic violence, child marriages etc. health camp was organised collaborated with Indo US super specialty hospital. Inauguration for the NSS health camp was done by famous cardiologist doctor Shiva Krishna. In this camp various medical tests were done to the people like blood test, BP and blood glucose levels. For people with heart related problems special tests like ECG was conducted. In this camp Dr Partha Sarathi , Dr Koteswara Rao , Dr Srinivas Reddy and other doctors actively participated. Free medicines were provided to the people according to their health condition. The response was excellent and nearly 200 people utilized services at the free medical camp. The programme was concluded on 9th Feb 2018.



RAWEP

Dr. Jessie Suneetha W, Assistant Professor, PG&RC, Department of Foods and Nutrition, coordinated students of B.Sc. (Hons.) FSN IV ,RURAL AWARENESS WORK EXPERIENCE from 10th January, 2018 to 3rd February, 2018 in Rangareddy district. Of these twenty-three students did their RAWEP in Dubbacherla village of Maheshwaram mandal while eight students did their RAWEP in Kethireddy palli village of Moinabad mandal.

During their stay in villages, they did various activities like PRA mapping for effective rapport building, survey of nutritional status of families, indigenous technologies and equipment used by farmers in village, anthropometry of anganwadi and school children for the assessment of their nutritional status. Each student adopted five host families and did the survey of their nutritional status, planned diet for them and educated them on nutrition. They also did demonstration of various recipes to rural women both for income generation and of nutritional importance, weaning mixes for pregnant and lactating women, adulterants identification in common foods at household level.

Students also opened a diet and nutrition counselling centre in village and planned diet for villagers along with counselling both in normal and therapeutic situations. Various awareness programmes like menstrual hygiene for adolescent girls; healthy living, hygiene and sanitation for school children through video presentations and nutrition education on micronutrient deficiencies and modifications general cooking practices for villagers; healthy eating plate, food pyramid and balanced diet through rangoli for school children were done by them. Students also did efficient follow up of host families on implementing of diets suggested and care taken about their nutrition as suggested.

Role-plays on girl child importance (girl education, discouragement of girl child abortions and early marriages), ill effects of alcohol consumption and smoking on health, protein energy malnutrition and anaemia in women and rallies on personal hygiene and environmental cleanliness; importance of vote and its proper utilization; polio vaccine awareness were done by them. They also celebrated special days like youth day (organizing youth fest), National Voters Day, National Girl Child Day, Republic day (conducting value added recipes cooking competitions) along with the villagers to create the awareness among them. They also conducted polio campaign in the villages.



Natural dye processing and Incubation centre

During the year 2017, natural dye paint was produced at the Natural Dye Processing and Incubation centre located at Rajendranagar, PJTSAU. Natural paint was **supplied to 1,00,000** Ganesh idols of various sizes ranging **from 1 foot to 6 feet**; and **also to 1,00,000 idols of 8” size** through Telangana State Pollution Control Board with the paint indent of **22 tonnes**; out of which, **12 tonnes of White and 10 tonnes of colour** was supplied.

The **budget outlay** for preparation of these paints was **Rs. 57.75 lakhs (Rs. 26.48 lakhs - revalidated budget of 2016-17; Rs. 31.27 lakhs sanctioned during 2017-18)**. The colours produced were in nine shades namely, yellow, pink, orange, blue, grey, violet, green, brown and black. Five students of B.Sc. (Hons.) Home Science from the Department of APTX were placed in the production unit as part of skill training in the ELP course for enterprise development and were involved in all stages of production.



Ganesha Idol painting by ELP student and artist



Visit of ICAR officials to the unit



Presenting Eco Ganesh to Honourable Member Secretary of TSPCB



Presenting Eco Ganesh to Honourable Vice Chancellor

Report on the project on **“Eco Holi colour production for Environmental & Human Safety”**, January 2018

Citizens India Foundation (CIF) is an NGO working for creating awareness and motivating all age groups of Indian population on Healthcare, Education and Environment. CIF foundation has been working on destination conservation community program in Erumely. Erumely "Petta-thullal", a devotional dance performed by the pilgrims with full of colours coated

all over the body, is an important ritualistic custom of the pilgrimage. The grave issue CIF identified is the usage of toxic, unhealthy and deadly chemical colours for 'Pettathullal'. In this connection, they have approached PJTSAU for natural colours to promote green pilgrimage. CIF has procured 320 kg of eco holi colours during January 2018 to distribute to the Sabarimala pilgrims in an endeavor to change the pilgrim's attitude from synthetic colours to natural colours.



Eco Holi colours developed by PJTSAU being distributed to Sabarimala pilgrim's at Erumely, Kerala, by CIF.

OBJECTIVE IV

To disseminate the Home Science information to personnel of line departments, Research Institutes, State Agricultural Universities etc.,

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 brought out by Centre for Advance Faculty Studies. During the report period, 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. These will be made access to public through CAFT web portal. Updating of CAFT web portal will be taken up time to time.

CAFT- H SC –NEWS LETTERS

12th Issue : October 2016 to March 2017

Center for Advanced Faculty Training in Home Science
Professor Jayashankar Telangana State Agricultural University, Hyderabad.

CAFT - H.Sc. NEWS LETTER
October 2016 - March 2017

Issue No. 12
October 2016 - March 2017
News in Brief

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- Training programme on "Student READY programme in Home Science Modalities and Guidelines for Programme Implementation"
- Faculty Research - On going Research Projects
- PG Students Research
- Department of FDNT
- Department of HMCIS
- Momentous Events & Celebrations
- ICAR monitoring and review team visit
- 1st Web organized at ICAR
- 10th Training programme organized by CAFT - Home Science
- World Food Day
- National Science Day
- National Science Day
- World Consumers Day
- International women's day
- Parent Education Programme for parents of Lab school children
- Staff participation in Workshops / Conferences / Seminars
- Achievements Corner

On going Activity

Training programme on Student READY programme in Home Science - Modalities and Guidelines for Programme Implementation from 1st to 21st November 2017

Training programme on "Student READY programme in Home Science Modalities and Guidelines for Programme Implementation"

Modality and Guidelines for Programme Implementation

The Student READY (Rural Entrepreneurship Awareness, Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life situation in rural agriculture and creating awareness to undergraduate students about practical agriculture and allied sciences. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the passed out students for self-employment. It also aims to provide opportunities to acquire hands-on-experience and entrepreneurial skills. To orient graduates of agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture, it was felt necessary to introduce this program in all the AU's as an essential prerequisite for the award of degree to ensure hands on experience and practical training. In Home Science / Community Science two modules have been suggested by ICAR for implementation. They are

Module 1: Product Development and Entrepreneurship: This module aims to grant practical knowledge to students regarding product development and entrepreneurship, covering all aspects related to income generation through production and sale of clothing and textiles, and interior decoration products and also the management of their entrepreneurial ventures.

Module 2: Community Nutrition and Welfare This module aims to impart practical knowledge to students regarding community welfare encompassing all the aspects viz. diet counselling, food preservation, food service and hospitality management, Nutraceuticals and health foods, Early childhood Care, Education and counselling for parents and community, Multimedia and Video production. Students would be ready to conduct and manage community welfare programs independently.

Since this being a new concept from ICAR guidelines with various components involved in organizing the programme, the faculty involved in offering this programme need to be oriented towards successful implementation of the programme.

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.

Center for Advanced Faculty Training (CAFT) - Home Science

National

- Dr. K. Uma Maheswari, Professor & University Head, FDNT department, Dr. K. Uma Devi Professor, FDNT and Dr. P. Amala Kumari, Professor, HECM attended National consultative meet for mobile "APP" development for Indian food composition tables and promotion of healthy food choices at National Institute of Nutrition Tamaka, Hyderabad on 8.02.2017.
- Dr. A. Mrunalini, Dean of Home Science and Dr. A. Padma, Professor and University Head of APTX dept, Dr. Nasreenhansa, Principal Scientist, HDFS, AICRP, Dr. Sarah Kamala, Principal Scientist, HECM, AICRP, Ms. T.Kamalaja, FN, and AICRP attended XXII Biennial Workshop at AAU Campus, Jorhat, Assam from 9.02.2017 to 12.02.2017.
- Dr.K.Uma Devi Professor, FDNT dept, Dr. P. Amala Kumari, Professor, HECM dept, Dr.D.Rajna Kumari, Professor RMCS Dept and Dr.P.Sreedevi, Asst. Professor, Dept. of HDFS attended two days workshop on fine tune of UG courses - V Dean Curriculum at Guntur, Andhra Pradesh from 10.3.2017 to 11.3.2017.

Achievements Corner

MOU's signed
T.V.Hymavathi, Professor, Foods and Nutrition Department, PGRC, P.J.T.S. Agricultural University, Rajendranagar, Hyderabad signed MoU with Cerio exports Pvt. Ltd on behalf of university for millet technology.

Award received
Dr. K. Uma Maheswari, Prof & University Head (Foods & Nutrition), PGRC received "Reviewer Excellence Award" of Asian Journal of Dairy and Food Research on 28.12.2016 in recognition of outstanding contributions to the journal.

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13th Issue : April 2017 to September 2017

Center for Advanced Faculty Training in Home Science
Professor Jayashankar Telangana State Agricultural University, Hyderabad.

CAFT - H.Sc. NEWS LETTER
April 2017 - September 2017

Issue No. 13
April - September, 2017
News in Brief

RESOURCES

- Faculty Research
- PG Student Research
- AICRP - Home Science Research

MEMORABLE EVENTS

- Exhibition on biodegradable eco-paste for soil
- Inauguration of 100th anniversary of College of Home Science, Hyderabad
- College day celebrations
- World photography day celebrations
- Foundation day celebrations of PJTSAU
- 10th monitoring team visit to AICRP/ICAR
- Academic attachment by Rajendranagar/ICAR/ICAR
- National Day Celebrations
- National National week (1st to 7th Sep 2017) celebrations

AWARDS AND ACHIEVEMENTS

- Student's Achievements
- National Public Relations award
- Best College and best Researcher award

On going Activity

Training programme on Student READY programme in Home Science - Modalities and Guidelines for Programme Implementation from 1st to 21st November 2017

CENTER FOR ADVANCED FACULTY TRAINING (CAFT) HOME SCIENCE

In view of outstanding quality of work being carried out by the department of Foods & Nutrition, it was decided to the status of Centre of Advanced Studies (CAS) by ICAR in 1994. It is first of its kind in Home Science in all the State Agricultural Universities (SAUs) in India. The CAS headed by Professor-em-Director was established to serve as a National Resource and Advanced Training Centre for faculty and staff of other SAUs in the field of Foods & Nutrition. ICAR elevated the status of Centre of Advanced Studies - Foods & Nutrition to Centre of Advanced Faculty Training in Home Science (CAFT-H.Sc.) in May, 2010.

The CAFT - H.Sc. Center started in 2010 in Hyderabad with the following objectives.

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

TRAINING PROGRAMMES

To serve as a national resource and advanced training center for faculty in the field of Home Science in State Agricultural Universities every year 21 day training programmes are being conducted under the Centre. So far 29 training programmes were conducted.

CAFT - H.Sc News Letters

CAFT-H.Sc. publishes highlights of various activities of CAFT- Home Science content activities, two CAFT - H.Sc. News letters are published every year. Annual of 52 news letters are published on line.

CIPICAR - HOME PAGE

CAFT-H.Sc. Web page is regularly updated from time to time to disseminate new and interesting events and outcome of the training events.

Web portal (www.caft-hsc.com)

Web portal is a new doorway to disseminate CAFT-H.Sc. activities from inception to till date. It provides an opportunity to create awareness on current events, significant events, new training programmes and activities. This is linked to PJTSAU portal for public access. CAFT - H.Sc. data from inception to till date is generated in soft copy for linking the portal.

DIRECTOR'S DESK

Center for Advanced Faculty Training (CAFT) - Home Science

AWARDS

National Prize at Saralip - a National Event II-fest event: Marketing catapult
Students of the (Home) Food Science & Nutrition, PGRC, College of Home Science, PJTSAU participated in Saralip - a National Event II-fest event named Marketing catapult conducted by ICAR - NAARM, Hyderabad on 28th, 29th August, 2017. It was conducted at National level where the main theme was buying & selling of the products. Food science & Nutrition students, PGRC, CHSC, PJTSAU received the National prize in marketing catapult where 25 colleges participated (Colleges of Agriculture, Horticulture, SADM etc). The winners team of the event are MD.Radhakrishna, FSN2015-025, M. Sulprakash, FSN2015-023, M. Durga devi, FSN2015-039, D.Ashfaq, FSN2015-020 and SK. Rabina, FSN2015-019.

College of Home Science tops best college award
College of Home Science, Saralip Hyderabad received the most sought after and coveted best college award out of all the colleges of the University for the First Time after the award was introduced on the eve of PJTSAU formation day celebrations. Besides obtaining the best college award, Dr. R. Agneta (Scientist), Quality Control lab also received the best researcher award and Mr. Venkatesh, Driver, AICRP got the best office subordinate award.

National Public Relations Award for Corporate video on "Status of Women"
AICRP-Home Science, PJTSAU received the award for the video on "Status of Women" in the category of CD (focusing on status of women as Special Jury Prize by Public Relations Society of India, Hyderabad chapter, Telangana State on 6th August 2017.

Chief Editor
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Professor & University Head,
Post Graduate & Research Centre
PJTSAU, Rajendranagar.
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The Center for Advanced Faculty Training-Home Science News Letter is Published by the Faculty of Home Science, PJTSAU, Rajendranagar, Hyderabad.
Created by ICAR, New Delhi.

ANNEXURE I

TRAINING PROGRAMME PROPOSED DURING THE YEAR 2017-18 UNDER CENTER FOR ADVANCED FACULTY TRAINING – HOME SCIENCE, PJTSAU, HYDERABAD

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

2017 - 2018

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 one 21 Days Training program in the priority areas of Home Science as per the need.

1. Topic of Training Programme: “Student READY programme in Home Science Modalities and Guidelines for Programme implementation”

Justification of the proposed programme:

The Student READY (Rural Entrepreneurship Awareness Development Yojana) programme aims to provide rural entrepreneurship awareness, practical experience in real-life situation in rural agriculture and creating awareness to undergraduate students about practical agriculture and allied sciences. The programme will help in building confidence, skill and acquire Indigenous Technical Knowledge (ITK) of the locality and thereby, preparing the passed out students for self-employment. It also aims to provide opportunities to acquire hands-on-experience and entrepreneurial skills. To reorient graduates of agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture, it was felt necessary to introduce this program in all the AU's as an essential prerequisite for the award of degree to ensure hands on experience and practical training.

In Home Science / Community Science two modules have been suggested by ICAR for implementation as;

Module 1: Product Development and Entrepreneurship: This module aims to grant practical knowledge to students regarding product development and entrepreneurship, covering all aspects related to income generation through production and sale of clothing and textiles, and interior decoration products and also the management of their entrepreneurial ventures.

Module 2: Community Nutrition and Welfare This module aims to impart practical knowledge to students regarding community welfare encompassing all the aspects viz. diet counseling, food preservation, food service and hospitality management, Nutraceuticals and health foods, early childhood care, education and counseling for parents/ community, multimedia and video production. Students would be ready to conduct and manage community welfare programs independently.

Since this being a new concept from ICAR guidelines with various components involved in organizing the programme, the faculty involved in offering this programme need to be oriented towards successful implementation of the programme.

Training Programme Title : “Student READY programme in Home Science Modalities and Guidelines for Programme implementation”

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

- a. Venue: Post Graduate & Research Centre, PJTSAU, Rajendranagar
- b. Email address: cafthscpjtsau@gmail.com
- c. Phone number: 040 24015377, Fax No. : 040 24015377

Proposed dates :From 1st November 2017– to 21st November 2017

Other Priority areas identified for Short Courses

- Nano-technology and its application for product enhancement
- Specialized Training Programme on ‘**Biostatistics**’
- Value chain in product design and development
- Nutrition based extension systems
- Exclusive training on each new media- Web portal development, Virtual class room creation and App design and development
- Frontline Technologies for Farm Women Empowerment

ANNEXURE II

WORK PLAN PROPOSAL OF CENTER FOR ADVANCED FACULTY TRAINING – HOME SCIENCE, PJTSAU, HYDERABAD FOR THE YEAR 2018-19

Topic of Training Programme: “Emerging Food Processing and Packaging Technologies: A Drive for Economic Opportunities”

Justification of the proposed programme:

The Indian Food Processing industry currently valued at about US\$ 100 billion and is estimated to grow at 9-12 %, based on estimated GDP growth rate of >8 % and increasing disposable income. Value addition of food products is expected to increase from the current 8 % to 35 % by the end of 2025. Fruit and vegetable processing, which is currently around 2 per cent of total production will increase to 25 % by 2025. High domestic demand and supportive policy provides significant opportunities across the food processing value chain in India.

In today’s business environment where innovation in farming and agri-food processing are important to remain competitive and to optimize returns from an enterprise. It may entail producing a commodity for a special market, changing the form of the commodity before it is marketed; changing how a commodity is packaged and labeled for the market; changing the way a commodity is marketed and adding a new enterprise to an existing one.

The way processed foods are packaged and labelled is important. The packaging not only protect or preserve the content, transport the product from one place to another and carry information about the product, but it should also entice consumers to purchase the product. Equally important is the food labelling. It is a way in which consumers can get knowledge about the food they are considering to purchase. Labels with correct information on the packaging can prevent consumers from unnecessary harms such as allergic reactions. Labelling requirements are put in place to protect the consumers. Therefore, it is important for manufacturers and suppliers to know these requirements in ensuring the right message is relayed to the consumer about the products through labelling on the packaging. In addition, the placement of the bar code on the packaging must be both aesthetic and within the printing specification required for a “good” scan.

The training curriculum has been developed in consonance with the needs of participants in order to provide thrust knowledge about trends in food processing technologies the right packaging and appealing design which are vital to raise the competitive edge of the product and determine its success in the market.

Module I: Lectures on thermal and non-thermal methods used for value addition, product development packaging and marketing.

Module II: Hands on experience in grain processing with special reference to millets, bakery and confectioneries, nano food packaging technologies, meat processing technologies etc.

Module III: Field visits to organizations related to food processing, packaging and marketing

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

- a. Venue: Post Graduate & Research Centre, PJTSAU, Rajendranagar
- b. Email address: cafthscpjtsau@gmail.com
- c. Phone number: 040 24015377, Fax No. : 040 24015377

Proposed dates :From 11th July to 31st July 2018

Other Priority areas identified for Short Courses

- Exclusive training on each new media- Web portal development, Virtual class room creation and App design and development
- Counselling for quality life
- Frontline Technologies for Farm Women Empowerment
- Nano-technology and its application for product enhancement
- Specialized Training Programme on ‘**Biostatistics**’
- Value chain in product design and development
- Nutrition based extension systems

**Budget Proposal under CAFT-H.sc, PJTSAU, PG & Research Center,
Hyderabad for the year 2018-19**

I. Budget Proposal for the year 2018-19:

S. No.	Particulars	Amount (Rs.)
1.	Training programme on “ Emerging Food Processing and packaging Technologies: A Drive for economic Opportunities to be conduct from 11-7-2018 to 31-7-2018. ”	6,56,500-00
2.	Recurring contingencies including T.A & D.A	4,50,000-00
3.	Books	35,000-00
	Total Rs.	11,41,500-00

II - Non-Recurring Contingencies:

S. No.	Name of the item	Budget sanctioned during the year 2017-18	Budget proposed during the year 2018-19	Justification
1.	TATA Sumo Vehicle (Year of purchase-2000)	--	14,00,000-00	The TATA SUMO Vehicle No. AP 28U 3791, Model - SE has been sanctioned by ICAR and purchased under Centre of Advanced Faculty Training(CAFT-HSc), the then Centre of Advanced Studies (CAS) at Post graduate & Research Centre

				(Home science), Rajendranagar, Hyderabad during the year 2000. Since the vehicle has been purchased 15 years back, it is requiring frequent repairs. In this regard, the Transport Officer, PJTSAU recommended that as per the university mandate after 15 years old, the vehicle needs to be condemned. Hence, it is proposed that a new vehicle may be sanctioned to the CAFT-HSc, PG&RC, PJTSAU, Hyderabad for the smooth conduct of training programme under CAFT-Home Science.
2.	Air Conditioners – 2 (Year of purchase-1996)	--	1,20,000-00	The window air conditioners (2 Nos.) at CAFT-HSc Training room were purchased during the year 1996 are not working and needs to be replaced. Therefore Split Air conditioners (2 Nos.) with stabilizers are proposed for the CAFT- Training room.
5.	2 KVA UPS – (Year of purchase-1998)	--	1,50,000-00	2KVA UPS system in the CAFT-HSc Training room was purchased during the year 1998 and not in working condition. Hence, it is proposed 3 KVA UPS system with batteries may be sanctioned for the CAFT- Training room.
6.	Photocopier- (Year of purchase-1996)	--	1,25,000-00	Photo copier was purchased during the year 1996 is not in working condition. Xerox machine needs to be purchased for Xeroxing of CAFT-Training Reports, Manuals etc., Hence, it is proposed that a new photo copier may be sanctioned.
	II. Total Rs.	--	17,95,000-00	
	Grand Total I + II Rs.	--	29,36,500-00	

(Rupees Twenty nine lakhs thirty six thousand five hundred only)



भारतीय कृषि अनुसंधान परिषद
कृषि अनुसंधान भवन-II नई दिल्ली - 1100012
Indian Council of Agricultural Research
Krishi Anusandhan-II Bhawan, New Delhi – 110 0012

Dr. M.B.Chetti
Assistant Director General (HRD)

F. No.Ag. Edn./1/16/2017 / CAFT/ HRD

Dated: 28th Sept, 2017

28

To

The Vice-Chancellor
Prof. Jayashakar Telangana State Agricultural University,
Post Graduate & Research Centre, College of Home Science
Rajendranagar, Hyderabad-500030.
Telangana State

Sub: Centre of Advanced Faculty Training in Home Science- regarding the release of budget grant for the year 2017-18 from Plan Budget.

Sir,

It is to convey the sanction of the Council for the release of grant for Center of Advanced Faculty Training (CAFT) in Home Science- Prof. Jayashakar Telangana State Agricultural University, Rajendranagar, Hyderabad, for the financial year 2017-18 , as per the details given below:

S. No.	Budget Head	Amount (Rs.)
1.	Trainings on "Student ready programme in home science-modalities and guidelines for programme implementation," from Nov.1-21,2017	6,56,500/-
2.	TA & DA	50,000/-
3.	Recurring Contingencies	4,00,000/-
4.	Books	35,000/-
	Total Amount sanctioned for the year 2017-18	11,41,500/-
	Less Unspent Balance as on 31.03.2017	(-)56,792/-
	Net Amount to be released for the year 2017-18	10,84,708/-

28/9/2017

The training programs as proposed by you may please be conducted. Please note that the following would be required at the time of release of the budget grant for the next financial year 2018-19.

1. Audit Utilization Certificate (AUC) for the financial year 2017-18
2. Adjustment of the unspent amount from the budget grant 2017-18
3. Progress Report for the year 2017-18 .

This issue with the concurrence of DDF(I), vide Dy.No.3001, dated 07.07.2017.

Yours faithfully,

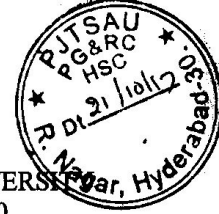
(M.B.Chetti)

Copy to:

1. Dr. K.Uma Maheswari, Director, Centre of Advanced Faculty Training in Home Science, Prof. Jayashakar Telangana State Agricultural University, Rajendranagar, Hyderabad-500030
2. The Comptroller, Prof. Jayashakar Telangana State Agricultural University, Rajendranagar, Hyderabad
3. Finance & Account Unit, (Education) ICAR, Krishi Bhavan, New Delhi with a request to release the funds to the Institute/University.
4. Guard file.

(M.B.Chetti)

Phones: 011-25843635 (O), Tele Fax: 011-25840851. e.mail: adghrd 1.icar@gmail.com



PROF. JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY
ADMN. OFFICE: :RAJENDRANAGAR: :HYDERABAD – 500 030

Proc. No.868/Ser.T/A2/2017

Dated : 20-10-2017

Sub: PJTSAU – Centre of Advanced Faculty Training (CAFT) in Home Science
– Sanction of Rs. 11,41,500/- to meet the expenditure during the year 2017-18 – Orders – Issued.

Ref: 1. F.No. Ag.Edn/1/16/2017/CAFT/HRD, dated 26-09-2017 of ADG(HRD), ICAR, New Delhi.
2. Lr.No.04/CAFT- H.Sc/PGRC/2017, dated 27-09-2017 of the Professor and Director, CAFT, PG&RC, CHSc., Hyderabad.

The ICAR, New Delhi has sanctioned a total amount of Rs. 11,41,500/- (Rupees eleven lakhs forty one thousand five hundred only) for the financial year 2017-18 including the unspent balance amount of the financial year 2016-17 to conduct training courses under Centre of Advanced Faculty Training (CAFT) to Home Science, Post Graduate & Research Centre, Rajendranagar vide reference 1st cited and transferred an amount of Rs. 10,84,708/- (Rupees ten lakhs eighty four thousand seven hundred and eight only) through online into the PJTSAU University Account.

Accordingly, the Professor-cum- Director, CAFT-H.Sc, PG&RC, R'Nagar, Hyderabad has requested the University to accord sanction for an amount of Rs. 11,41,500/- (Rupees eleven lakhs forty one thousand five hundred only) for the financial year 2017-18 including the unspent balance of an amount of Rs. 56,792/- for the financial year 2016-17.

In view of the above, sanction is hereby accorded for an amount of Rs. 11,41,500/- (Rupees eleven lakhs forty one thousand five hundred only) to the Professor-cum – Director, Centre of Advanced Faculty Training in Home Science, Post Graduate & Research Centre, Rajendranagar towards the implementation of the CAFT programme as per the following budget split up given by ICAR.

S.No.	Budget Head	Amount(Rs.)
1.	Trainings on “Student Ready programme in Home Science modalities and guidelines for programme implementation” from Nov,1 st to 21 st , 2017.	6,56,500-00
2.	TA & DA	50,000-00
3.	Recurring Contingencies	4,00,000-00
4.	Books	35,000-00
	Total amount sanctioned for the year 2017-18	11,41,500-00
	Less unspent balance as on 31-03-2017	(-)56,792-00
	Net amount released for the year 2017-18	10,84,708-00

The above expenditure shall be met from the following Head of Account:-

“ 323100 – ICAR – Plan Education

323114 – CAFT in SAUs at PGRC, R'Nagar”

Contd.

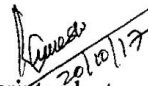

: 2 :

These orders are issued with the concurrence of the Comptroller, PJTSAU vide C.No.118/Grants/A1/2017, dated:17-10-2017.

S.Sudheer Kumar
Registrar

To
The Professor & Director, CAFT – H.Sc, PG&RC,CHSc.,R’Nagar
CC: to the Asst. Comptroller, RAO, Rajendranagar.
CC: to Grants / Budget Section, Admn. Office, R’Nagar
CC: to PA to the Dean of Home Science, Admn. Office, R’Nagar.
CC: to P.A. to the Comptroller, Admn. Office, PJTSAU
CC: SF/SC.

// F.B.O.//


20/10/17
Superintendent


AUDIT CERTIFICATE IN RESPECT OF THE SCHEME "CENTRE OF ADVANCED FACULTY TRAINING (CAFT-HSc)-2017-2018 (1-4-2017 TO 31-3-2018)"
ICAR Sanction F.No.AG.Edn/1/16/2017/CAFT/HRD, dt. 28-9-2017 of ADG(HRD), Education Division ICAR, New Delhi

Name of the Scheme	Opening Balance for the year brought over from the previous year (+) Due to (-) Due from	Revalidation Sanctioned by the Council during the year	Council's share of receipts realised from the Scheme during the year	Actual expenditure for the year	Council's share of expenditure actually incurred & audited during the year	Closing balance at the end of the year (+) Due to Council (-) Due from the Council
Centre for Advanced Studies, Hyderabad	(+) 56,792.00	A. Staff Salaries	-	-	-	1,141,500.00
Grant received for the year	1,084,708.00	B. Training Programs (1 Nos)	-	461,960.00	-	(461,960.00)
		C. Recurring Contingencies (Including Bank Charges Rs. 915)	-	400,915.00	-	(400,915.00)
		D. TA / DA	-	-	-	-
		F. Books & Journals	-	34,993.00	-	(34,993.00)
	1,141,500.00		-	897,868.00	-	243,632.00

Place: Secunderabad

Date : 12th April 2018

Note: 1. Ch.No.005096,690037,690038,690040,690041,690047,690048,690050, 851514 to 851517 & 690052 to 690060 totalling Rs. 3,55,001/- issued were not presented for payment.

Certified that the expenditure under the various grants has been audited and the Grants have been utilised for the purposes for which they were made. This certificate is based on the Books of Account verified.

K. Uma
PROFESSOR CUM DIRECTOR
CAFT-Home Science
Post. Graduate & Research Center
College of Home Science
Rajendranagar, Hyderabad-500 030.

P. K. S. Reddy
ASST. COMPTROLLER
ASST. COMPTROLLER
Regional Accounts Office
P.J.T.S. Agril. University,
Rajendranagar, Hyderabad-50.T.S

J. Jayaraman
COMPTROLLER
P.J.T.S. AGRICULTURAL UNIVERSITY
Rajendranagar, Hyderabad-50

For ALLAMSETTI & CO
CHARTERED ACCOUNTANTS
(A. KESAVA RAO)
CHARTERED ACCOUNTANTS
SEC'BAD

AUDIT CERTIFICATE IN RESPECT OF THE TRAINING PROGRAMME OF "CENTRE OF ADVANCED FACULTY TRAINING - HSC-2017-18"

ICAR Sanction F.No. Ag. Edn./1/16/2017/CAFT/HRD DT. 28/09/2017 of the ADG(HRD) ICAR, New Delhi

[Proc. No. 911 / Ser.T/ AZ / 2015 dt. 28th October, 2017]

Name of the Scheme	Revalidation Sanctioned by the Council during the year	Amount Sanctioned	Actual expenditure for the Training Prog.	Closing balance
Centre of Advanced Faculty Training - HSC [CAFT-Home Science] Grant received for 21 days Training Programme " Student Ready programme in home science - modalities and guidelines for Programme implementation" from 1st Nov. 2017 to 21st Nov. 2017	1. Boarding & Lodging Charges	262,500.00	172,247.00	90,253.00
	2. Travelling Charges for participants & Field Trips	150,000.00	100,647.00	49,353.00
	3. Office Supplies, Laboratory Equipment, Chemicals, Communications incl. printing manuals & instructional material cost	100,000.00	100,000.00	-
	4. Honorarium for Secretarial, Clerical Technical Laboratory Staff, Class IV Staff etc.,	8,000.00	8,000.00	-
	5. Honorarium to Director and other academic staff	16,000.00	16,000.00	-
	6. TA and Honorarium to guest lecturers with travel	100,000.00	45,066.00	54,934.00
	7. Miscellaneous Contingencies	20,000.00	20,000.00	-
		656,500.00	461,960.00	194,540.00

Note: Balance amount is left unutilized in CAFT Home Science College, SBI Account, Rajendra Nagar, PJTSAU

Certified that the expenditure incurred for Training Programme, has been audited and the Grants have been utilised for the purposes for which they were made. This certificate is based on the Books of Account verified.

K. Uma Maheswari
PROFESSOR CUM DIRECTOR
 CAFT - HSC
PROFESSOR-cum-DIRECTOR
 CAFT-Home Science
 Post. Graduate & Research Center
 College of Home Science
 Rajendranagar, Hyderabad-500 030.

Prakash
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Govind Kumar
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 Telangana State Agricultural University
 Rajendranagar, Hyderabad-30

Prasanna
 P. ALURU SURESH & CO. CHITTRAL
 CHARTERED ACCOUNTANTS
 (A. KESAVA RAO)
 PARTNER
 M. Code: 200688

