

INTRODUCTION

The Nilgiris, popularly known as the “Queen of Hills” is a leading Hill station in south India comprising of six taluks viz, Udhamandalam, Coonoor, Kundah, Kotagiri, Gudalur and Pandalur. The United Planters’ Association of Southern India (UPASI) felt that in addition to the role it has been playing as a catalytic agent in rural development, it should also urge the Indian Council of Agriculture Research (ICAR) to set up a Krishi Vigyan Kendra(KVK) under the aegis of UPASI. Accordingly, the KVK was sanctioned in September, 1982. Today the KVK has become an important link between the farming community on one hand and scientists, extension workers and developmental departments on the other.

The UPASI-Krishi Vigyan Kendra (UPASI- KVK) is an innovative and pioneer institution designed and developed under the sponsorship of ICAR to impart need based and skill-oriented training to the Nilgiris farming community, rural youth, extension functionaries and glass-root level workers. In appreciation of the work of UPASI-KVK, the ICAR conferred the best KVK award to UPASI-KVK during the year 1996-97. In addition, the Tea Board, Government of India, has also sanctioned a number of innovation small grower development schemes that are being implemented through UPASI-KVK.

Mandate and Functions of KVK

- Planning and conducting production oriented, need based short and long duration training courses both on the campus as well as in the villages for various target groups with priority on the weaker and the poor.
- Developing and organizing non-formal educational programmes by way of field-days, farm visit, farmers fair, radio talk, Farm Science clubs etc., as the follow-up information support to training courses.
- Organising farm Science Clubs, both in rural schools and in the villages in order to induce in younger generation a liking for and an interest for agricultural and allied sciences and for scientific farming through supervised projects.

- Developing and maintaining the campus farms and demonstration units on scientific lines as the facilities for providing work experience to the trainees as also disseminating the latest technical know-how.
- Providing practical training facilities of the Kendra to the teachers and the students of vocational agriculture of the higher secondary schools.
- Imparting some general education to rural illiterates and school drop-outs in order to make them not only good farmers but also better citizens.
- Providing added training facilities in the areas of home making and nutrition education for rural community.
- Gradually enlarging the training facilities to encompass other important areas such as home crafts, cottage industries etc., consistent to the requirements of the integrated rural Development in collaboration with concerned organizations.
- Implementing all such schemes of the ICAR and other related organizations which intend to strengthen the training programmes of the Kendra.

The UPASI - KVK has been conferred with best KVK Award for the year 1996-97 in recognition of the outstanding contribution to the farming community, by ICAR for the Biennium of 1998.

TRAINING PROGRAMME

Training is regarded as one of the integral components of development programmes. Training requires special skills and positive attitudes on the part of the facilitator which are not commonly found in the traditional teachers. These skills and attitudes need to be developed in order to ensure successful programmes for the training. Training design must reflect the goals and objectives of a training Programme in order to objectively measure the

success of the training, it is essential to state what participants will be required to learn. This can be accomplished through the formulation of well stated training objectives.

1. Organising short and long term vocational training courses in agriculture and allied subjects for the farmers, farm women and rural youth through “learning by doing” for higher production on farms and generating self employment.’
2. Organising training to update the extension personnel with the emerging advances in agriculture research on regular basis.
3. Intensifying off-campus extension programmes in the rural areas.
4. Conducting periodical seminars/workshop and other extension programmes for the benefit of farming community.

Interested candidates are requested to send the application atleast two weeks in advance to the address given below in order to get intimation regarding interviews/training programmes / ontime.

The Programme Co-ordinator and Head

UPASI – Krishi Vigyan Kendra,

Post Box No: 11, Glenview, Coonoor – 643 101

The Nilgiris, Tamilnadu

Phone : 0423 – 2230772, 2221972, Fax: 0423 – 2232030

E-mail: oty_kvknr@sancharnet.in Website : www.upasikvk.org

Other Programmes of KVK:

FRONTLINE DEMONSTRATIONS

Frontline demonstration is the new concept of field demonstration evolved by the Indian Council of Agricultural Research with the inception of the Technology Mission on Oilseed Crops during mid-eighties. The field demonstrations conducted under the close supervision of the scientists of the National Agriculture Research System are called frontline demonstrations because the technologies are demonstrated for the first time by

the scientists themselves before being fed into the main extension system of the State Department of Agriculture.

The main objective of Front-line demonstrations is to demonstrate newly released crop production and protection technologies and its management practices in the farmers' fields under different agro-climatic regions and farming situations. While demonstrating the technologies in the farmers' field, the scientists are required to study the factors contributing higher crop production, field constraints of production and thereby generating production data and feedback information. Frontline demonstrations are conducted in a block of two to four hectares of land in order to have better impact of the demonstrated technologies on the farmers and field level extension functionaries.

ON FARM RESEARCH

On Farm Research is a set of procedures for adaptive research whose purpose is to develop recommendations for representative groups of farmers. In On-farm research, farmers participate in identifying problems and its priorities, managing experiment and evaluating results. ON-farm research, therefore, is an adaptive research with farmers' perspectives. Thus, the objectives of on-farm research is to identify existing inputs or practices that might help to solve major problems of many farmers in a defined study area.

TRAINING PROGRAMMES OF UPASI KRISHI VIGYAN KENDRA YEAR 2011-12

Sl.No	Course Title	Duration	Dates	Course Incharge
ON CAMPUS TRAINING PROGRAMMES				
1. CROP PRODUCTION				
1.1	Tea Cultivation	One Week	July 2011	Dr. R.Shanmugam
1.2	Re/New planting in Tea	One Day	April 2011 March 2012	Dr. R.Shanmugam
1.3.	Rejuvenation pruning in Tea	One Day	April 2011 March 2012	Dr. R.Shanmugam
2. HORTICULTURE				
2.1	Floriculture	Two Days	8 th & 9 th April 2011 19 th & 20 th August 2011 6 th & 7 th January 2012	Mrs. M.Suguna
2.2	Potato cultivation	One Day	7 th October 2011 27 th January 2011	Mrs. M.Suguna
2.3	Exotic vegetable cultivation	One day	16 th September 2011 23 rd December 2011	Mrs. M.Suguna
2.4	Medicinal and Aromatic plants cultivation	One day	19 th August 2011 17 th February 2012	Mrs. M.Suguna

3. AGRICULTURAL ENGINEERING				
3.1	Tea processing (Orthodox, CTC, Green Tea) for tea factory personnel	One month	2 nd – 31 st May 2011	Mr. G.Ramamoorthy
3.2	Tea Processing (Orthodox, CTC, Green Tea) for Managing Directors of tea factories	Three days	1 st -3 rd November 2011 3 rd -5 th January 2012	Mr. G.Ramamoorthy
3.3	Soil and water conservation in Tea and Vegetables	One day	6 th June, 2011 4 th July, 2011 22 nd August, 2011 10 th October 2011 7 th November 2011	Mr. G.Ramamoorthy
4. SOIL SCIENCE & PLANT PROTECTION				
4.1	Production of Vermicompost	One day	9 th June 2011	Mrs. Deepthi Kaviraj
4.2	Composting techniques	One day	12 th January 2012	Mrs. Deepthi Kaviraj
4.3	Foliar application of nutrients in tea	One day	20 th July 2011	Mrs. Deepthi Kaviraj
4.4	Manuring of tea-latest technologies	Two days	11 th & 12 th October 2011	Mrs. Deepthi Kaviraj

4.5	Integrated pest management in Horticultural crops	One day	5 th January 2012	Dr. P.Kumaravadivelu
4.6	Organic farming	One day	10 th March 2012	Dr. P.Kumaravadivelu
4.7	Production of Vermicompost	One day	9 th June 2011	Dr. P.Kumaravadivelu
5. HOME SCIENCE				
5.1	Tailoring	One month	1 st -30 th June 2011	Mrs. T.Geetha
5.2	Wool knitting	One month	1 st -31 st August 2011	Mrs. T.Geetha
5.3	Women in Agriculture Day	One day	5 th December 2011	Mrs. T.Geetha
5.4	World Food Day	One day	15 th October 2011	Mrs. T.Geetha
5.5	Home Baking	Two days	11 th – 12 th May 2011	Mrs. T.Geetha
5.6	Post harvest management and value addition in fruits and vegetables	One week	19 th – 20 th October 2011	Mrs. T.Geetha
5.7	Post harvest management in fruits and vegetables	Two days	5 th -6 th July 2011 25 th – 26 th August 2011	Mrs. T.Geetha
5.8	Value addition in vegetables	Two days	17 th -18 th December 2011 14 th February 2012	Mrs. T.Geetha

5.9	Women Entrepreneurship Development Programme	One day	25 th August 2011 16 th February 2012	Mrs. T.Geetha
6.0	Post harvest management in fruits & vegetables	One day	10 th -11 th January 2012 15 th -16 th March 2012	Mrs. T.Geetha
6. AGRICULTURAL EXTENSION				
6.1	Leadership development	One day	April 2011	Dr. R.Shanmugam
6.2	Group dynamics	One day	June 2011	Dr. R.Shanmugam
6.3	Formation of social capital	One day	August 2011	
6.4	Entrepreneur development of farmers/youth	One day	October 2011	Dr. R.Shanmugam
6.5	Formation and management of SHGs	One day	December 2011	Dr. R.Shanmugam
6.6	Group Dynamics & farmers organization	One day	February 2012	Dr. R.Shanmugam
6.7	Information Networking among farmers	One day	March 2012	Dr. R.Shanmugam
6.8	Capacity building for ICT application	One day	March 2012	Dr. R.Shanmugam
7. COMPUTER (E-LINKAGE) TRAINING				
7.1	Basic Computer Training	One day	3 rd June 2011	Mr. A.Gunasekara Perumal

7.2	Internet Usage Training	Two days	14 th & 15 th July 2011	Mr. A.Gunasekara Perumal
7.3	Database Management Training	Two days	19 th August 2011	Mr. A.Gunasekara Perumal

Sl.No	Course Title	Duration	Dates	Course Incharge
OFF CAMPUS TRAINING PROGRAMMES				
1. CROP PRODUCTION				
1.1	Mechanisation in plucking	One Day	April/June 2011, October/December 2011	Dr. R.Shanmugam
1.2	Shear harvesting in tea	One Day	April/June 2011, October/December 2011	Dr. R.Shanmugam
1.3	Mechanisation in pruning	One Day	April/June 2011, October/December 2011	Dr. R.Shanmugam
1.4	IPM in mite control in tea	One Day	April/June 2011, October/December 2011	Dr. R.Shanmugam
1.5	Blister blight control in tea	One day	July 2011	Dr. R.Shanmugam
1.6	Use of growth regulator in tea for higher productivity	One day	April/May 2011, October/November 2011	Dr. R.Shanmugam
1.7	Sheep rearing techniques	One day	June 2011	Dr. R.Shanmugam
1.8	Introduction on Rust resistant wheat variety	One day	October 2011	Dr. R.Shanmugam

1.9	Controlling nematode by crop rotation of millets in vegetables	One day	November 2011	Dr. R.Shanmugam
2. HORTICULTURE				
2.1	Mite control in carnation	One day	22 nd April 2011	Mrs. M.Suguna
2.2	Fusarium management in Carnation	One day	12 th October 2011	Mrs. M.Suguna
2.3	Disease management in Potato	One day	10 th June 2011 2 nd September 2011	Mrs. M.Suguna
2.4	Exotic vegetable cultivation	One day	26 th August 2011 20 th January 2012	Mrs. M.Suguna
2.5	Lilium cultivation	One day	28 th October 2011 9 th December 2011	Mrs. M.Suguna
3. AGRICULTURAL ENGINEERING				
3.1	Demonstration on machine harvesting	One day	22 nd April 2011 29 th April 2011 27 th May 2011 3 rd June 2011 30 th September 2011 11 th October 2011	Mr. G.Ramamoorthy
3.2	Repair and maintenance of harvesting machine	One day	16 th May 2011 12 th July 2011	Mr. G.Ramamoorthy
3.3	Demonstration on tea processing	Three day	26 th – 28 th December 2011 8 th -10 th August 2011 2 nd -4 th January 2012	Mr. G.Ramamoorthy
3.4	Exposure visit	Three day	20 th -22 nd February 2012 12 th – 14 th March 2012	Mr. G.Ramamoorthy Mr. G.Ramamoorthy

4. SOIL SCIENCE & PLANT PROTECTION				
4.1	Nutrient deficiency and remedial measurement in tea	One day	17 th November 2011 21 st March 2012	Mrs. Deepthi Kaviraj
4.2	Integrated Pest Management in vegetables	One day	15 th December 2011 16 th February 2012	Dr.P. Kumaravadivelu
5. HOME SCIENCE				
5.1	Post harvest management of fruits & vegetables	2 days	24 th – 25 th May 2011 24 th – 25 th June 2011	Mrs. T.Geetha
		2 days	7 th -8 th July 2011	Mrs. T.Geetha
		2 days	14 th -15 th September 2011	Mrs. T.Geetha
		2 days	15 th -16 th March 2012	Mrs. T.Geetha
6. AGRICULTURAL EXTENSION				
6.1	Leadership development	One day	May 2011	Dr. R.Shanmugam
6.2	Group Dynamics	One day	July 2011	Dr.R.Shanmugam
6.3	Formation & management of SHGs	One day	September 2011	Dr. R.Shanmugam
6.4	Mobilization of social capital	One day	November 2011	Dr. R.Shanmugam
6.5	Entrepreneur development of farmers /Youth	One day	February 2011	Dr. R.Shanmugam
6.6	Formation and management of SHGs	One day	February 2012	Dr. R.Shanmugam

6.7	Group Dynamics & farmers organization	One day	February 2012	Dr. R.Shanmugam
6.8	Information Networking among farmers	One day	February 2012	Dr. R.Shanmugam
6.9	Capacity building for ICT application	One day	March 2012	Dr. R.Shanmugam
6.10	Farmers Field School	4 months	June – September 2011	Dr. R.Shanmugam
7. COMPUTER (E-LINKAGE) TRAINING				
7.1	Basic Computer Training	One day	23 rd September 2011	Mr. A.Gunasekara Perumal
7.2	Internet Usage Training	One day	25 th November 2011	Mr. A.Gunasekara Perumal
7.3	Database Management Training	One day	23 rd December 2011	Mr. A.Gunasekara Perumal, Dr.P.Kumaravadivelu
8. CAMPAIGNS				
8.1	Awareness Programme on importance of soil analysis	One day	19 th Aug 2011 12 th Sep 2011 31 st Oct 2011	Mrs. Deepthi Kaviraj

TECHNOLOGY TO BE DEMONSTRATED IN RESPECT OF CROP PRODUCTION (FRONT LINE DEMONSTRATION) 2011-2012

S. No	Crop	Technology to be demonstrated	Number of demonstration	Area in ha. / No. of units	Staff incharge
1	Tea	Popularizing mechanical pruning in Tea	10	10 ha	Mr. G.Ramamoorthy
2	Tea	Popularizing hand operator shears to harvest green leaf	4	2 ha	Mr. G.Ramamoorthy
3	Tea	Popularizing mechanical harvester in tea	5	5 ha	Dr.R.Shanmugam
4	Tea	Popularizing Silver Tip Tea production in the Small Tea Grower Society	2	2 units	Mr. G.Ramamoorthy
5	Garlic	Crop Management in Garlic	3	1 ha	Mr.N.Mohan
6	Beans	Sowing perennial beans in bench terrace raiser of vegetable land to reduce soil erosion	2	1 ha	Mrs. M.Suguna
7	Lettuce	Integrated crop management system for exotic vegetables – Lettuce	5	1 ha	Mrs. M.Suguna
8	Tea	Use of growth regulator for higher productivity in Tea	5	1 ha	Dr. R.Shanmugam
9	Sheep Rearing	Sheep rearing for additional income	2	2 units	Mr.N.Mohan
10	Wheat	Popularization of wheat rust resistant variety (HD 2833) among small growers	5	1 ha	Mrs. Deepthi Kaviraj
11	Vermicomposting	Popularizing vermicompost preparation by using vegetable waste	2	2 units	Mrs. Deepthi Kaviraj

TECHNOLOGIES TO BE ASSESSED IN RESPECT OF CROP PRODUCTION (ON FARM TESTING) 2011 -2012

S. No	Crop	Title	No. of trails	Scientist incharge
1.	Lillium/ Cutflower	Evaluation of Oriental Lillium high yielding varieties	3	Mrs. M.Suguna
2.	Potato	Evaluation of high yielding disease resistant variety <i>Kufri himalini</i>	3	Dr.R.Shanmugam
3.	Lettuce	Evaluation of exotic vegetable Lettuce in vacant polyhouse	5	Mr.N.Mohan
4.	Cereals	Cultivation of minor millets as crop rotation of manage nematode in vegetables	2	Mrs. Deepthi Kaviraj

Scientific Advisory Committee members

<p>Sri.Ullas Menon, - Chairman Secretary General, UPASI, Coonoor - 643 101, Nilgiri District</p>	<p>Dr.P.Kumaravadivelu, - Member Secretary Programme Coordinator, UPASI-KVK., Coonoor - 643101, Nilgiri District.</p>
<p>Dr.P.Kalaiselvan, - Member Director of Extn.Education., Tamilnadu Agricultural University, Coimbatore</p> <p>(0422) 6611233</p>	<p>Mr.Ramaswamy Ambalavanan IA & AS., - Member Executive Director, Tea Board, Shelwood, Coonoor - 643 101, Nilgiri District.</p> <p>(0422) 2230316</p>
<p>Dr.S.Prabhukumar, -Member Zonal Project Director, TOT Projects (ICAR), MRS, H.A.Farm Post, Hebbal, Bangalore - 560 024, Karnataka state.</p> <p>080- 23510616</p>	<p>Principal Scientist (Engg) & Head, - Member Central soil and Water Conservation Res. And Training Institute/Res.Centre, Fernhill Post, Udhagamandalam - 643 004. Nilgiri District.</p> <p>(0423) 2443992</p>
<p>Dr. P. Mohankumar, - Member Director, UPASI Tea Research Foundation, Nirar Dam B.P.O., Valparai - 642 127, Coimbatore District</p> <p>04253 - 2235301, 235224 9442635301</p>	<p>Dr.N.Selvaraj, - Member Professor & Head, Horticultural Research.Station, TNAU Research Complex, Udhagamandalam, Nilgiri Dt</p> <p>Mob: 9443052219</p>
<p>Dr.B.Radhakrishnan, - Member Assistant Director, UPASI - Tea Res.Foundation, Glenview, Coonoor, Nilgiri District.</p> <p>(0423) 2230732</p>	<p>Dr.Iyyue, - Member Head, Sheep Breeding Research station, Sandynallah, Udhagamandalam</p> <p>(0423) 2253088</p>
<p>Mr.C.Israel, - Member Joint Director of Horticulture i/c., Horticulture House, Udhagamandalam - 643 001, Nilgiri District.</p> <p>(0423) 2444056</p>	<p>The Station Director, - Member All India Radio, Finger Post, Udhagamandalam, Nilgiri District.</p> <p>(0423) 2444930</p>

<p>Lead District Manager, - Member Lead Bank Office, Canara Bank, Commercial Road, Udhagamandalam, Nilgiri District.</p> <p>(0423) 2443633</p>	<p>Sri. Premkumar D.V.M., - Member Kamalin Tea Estate, Bengorm, Hulical Post – 643 234, Nilgiri District.</p> <p>Mob: 094430 51215</p>
<p>Dr.Jopseph, - Member Head, Central Potato Research Station, Muthorai, Udhagamandalam, Nilgiri District.</p> <p>(0423) 2550669</p>	<p>The Managing Director, - Member Indcoserve, Coonoor – 643 101, Nilgiri District</p> <p>(0423) 2231103/04</p>
<p>Dr.Jagadishkumar, - Member Principal Scientist & Head, Wheat Breeding Res.Station, IARI, Wellington</p> <p>(0423) 2234796</p>	<p>Sri. K.Bheemaraj, - Member S/o.B.Krishna Gowder, Naduhatty, Yedakadu Post, Kundah</p>
<p>Mr.B.L.Anand, - Member President, Nilgiri Boughtleaf Tea Manufacturers Association & Member Tea Board, Kannavarai Tea factory, Kotagiri</p> <p>Mob: 98422 71259</p>	<p>Sri.T.Rangiah, - Member President, Nilgiri Small tea Growers Association, Bengalmattam Tea Estate, Bengalmattam, Nilgiri District.</p> <p>Mob: 94430 03444</p>
<p>Mrs. B.Rajamma, - Member W/o. Bojan, Annai Indira Self Help Group, Jagathala Village, Nilgiri District.</p>	<p>Ms.R.Sumathi, - Special Invitee D/o.N.Raman, Hosahatty Village, Kattabettu Post, Nilgiri District</p>
<p>Sr.M.Bhojarajan, - Special Invitee Hittakkal Tea Factory, Hittakkal Post, Kotagiri, Nilgiri District.</p> <p>Mob: 9443031246</p>	<p>Mr.T.Vasu, - Special Invitee Progressive Grower, Greenway Manor, Fernhill Post, Udhagamandalam</p>
<p>Sri.K.M.Raman, -Special Invitee S/o.Matha Gowder, Kercombai Village, Milidhane Post, Kotagiri</p>	

Scientific team of UPASI-Krishi Vigyan Kendra

S. No.	Designation/ Specialization	Name	Qualification	Tel. Phone
1.	Programme Coordinator and Head	Dr.P.Kumaravadivelu	Ph.D	Off : 0423-2230772 Cell: 9842441500
2.	SMS (Agricultural Engineering)	Mr.G.Ramamoorthy	D.Ag.E, MA, M.Phil., <u>Ph.D</u>	Off : 0423-2230772 Cell: 9443003147
3.	SMS (Agricultural Extension)	Dr. R.Shanmugam	Ph.D	Off : 0423-2230772 Cell: 9442792200
4.	SMS (Horticulture)	Mrs.M.Suguna	M.Sc.	Off : 0423-2230772 Cell: 9442792298
5.	SMS (Home Science)	Mrs.T.Geetha	M.Sc.	Off : 0423-2230772 Cell: 9942999271
6.	Programme Assistant (Farm Manager)	Mr.M.Mohan	B.Sc.	Off : 0423-2230772 Cell: 9787725219
7.	Programme Assistant (Lab Technician)	Mrs. Deepthi Kaviraj	M.Sc.	Off : 0423-2230772 Cell: 9443870195
8.	Programme Assistant (Computer Programming)	Mr.A.Gunasekara Perumal	M.C.A.	Off : 0423-2230772 Cell: 9842594823

UPASI – KRISHI VIGYAN KENDRA

APPLICATION FORM FOR TRAINING

Application for training in _____

Date: _____

1. Name (Mr/Mrs/Miss) : _____

2. Father's/Husband's Name : _____

3. Postal Address : _____

4. Educational qualification : _____

Signature of the Applicant

(For Office Use)

The name of the applicant is _____

Recommended / Not Recommended

Programme Co-ordinator & Head

Course Incharge