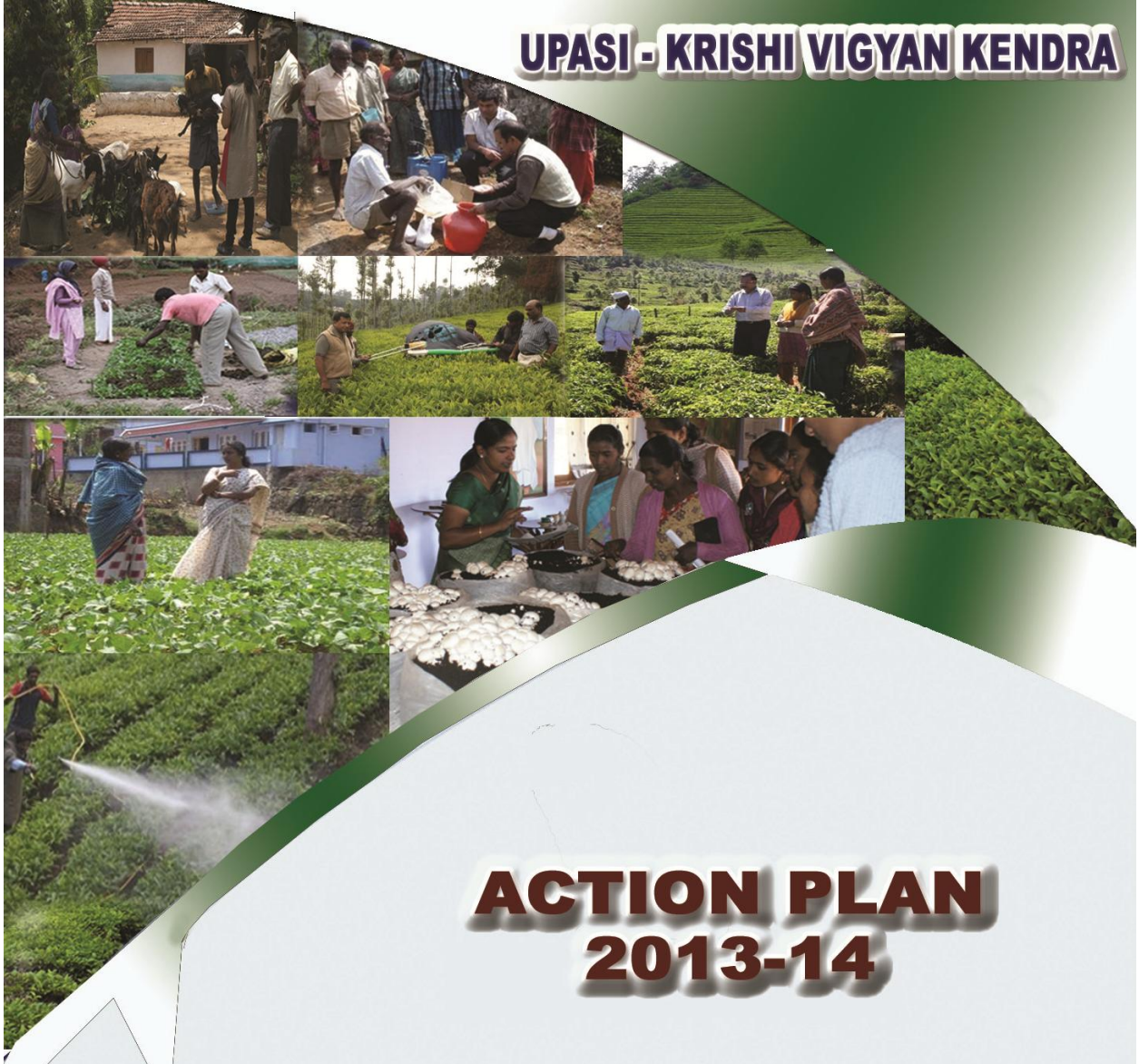


UPASI - KRISHI VIGYAN KENDRA



ACTION PLAN 2013-14



**UPASI - Krishi Vigyan Kendra,
Glenview, Coonoor-643 101, The Nilgiris,
Phone : 0423 - 2230772, 2221972**



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 grass-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

- **Technology assessment and refinement to identify the location specificity of agricultural technologies under various farming systems.**

- **Frontline demonstrations to establish its production potentials of the latest technology on the farmers' fields.**
- **Training of farmers to update their knowledge and skills in modern agricultural technologies, and training of extension personnel to orient them in the frontier areas of technology development.**
- **To work as resource and knowledge centre of agricultural technology for supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district.**
- **In order to create awareness about improved technology, a large number of extension activities will be taken up. The seeds and planting materials produced by the KVKs will also be made available to the farmers.**

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

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 / on time.

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_kvkvnr@sancharnet.in Website : www.upasikvk.org

OTHER PROGRAMMES OF KVK:

1. 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 there by 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.

2. TECHNOLOGY ASSESSMENT / REFINEMENT

Technology Assessment / Refinement are a set of procedures for adaptive research whose purpose is to develop recommendations for representative groups of farmers. In Technology Assessment / Refinement, farmers participate in identifying problems and its priorities, managing experiment and evaluating results. Technology Assessment / Refinement,



therefore, is an adaptive research with farmers' perspectives. Thus, the objectives of Technology Assessment / Refinement is to identify existing inputs or practices that might help to solve major problems of many farmers in a defined study area.

3. FARMERS FIELD SCHOOL (FFS)

Farmer Field School (FFS) is one of the established participatory methods of effective learning.



FFS is a school for the farmers outside the class room and on the farms. It operates with the principle of non formal education; most of the sessions and contents are based on the adult learning principles.

Farmers Field School is a non formal learner centered educational process. It

seeks to empower people to solve their field problems actively by fostering, participating, interacting, joint decision making, developing self confidence and self determination.

4. SPONSORED PROGRAMME :

(Tea Board – UPASI KVK – Quality Upgradation Programme in small sector)

Primary objective of Quality Upgradation Programme will be to strengthen the society concept further and also assist in development of tea among small sector along with Tea Board of India. QUP will carry out regular technical programmes as and when required in coordination with activities assigned by Tea Board of India.



Researched and refined technologies on tea will be transferred through Quality Upgradation Programme to sustain the quality achieved over the years. All activities of QUP will be executed in coordination with small tea growers' societies which will be the dissemination point for technologies and schemes of Tea Board of India.



TRAINING PROGRAMMES OF UPASI KRISHI VIGYAN KENDRA YEAR 2013-14

Sl.No	Course Title	Duration	Dates	Course Incharge
ON CAMPUS TRAINING PROGRAMMES				
1. HORTICULTURE				
1.1	Floriculture	Two Days	April 2013 August 2013	Mrs. M.Suguna
1.2	Potato cultivation	One Day	October 2013 January 2014	Mrs. M.Suguna
1.3	Exotic vegetable cultivation	One day	September 2013 December 2013	Mrs. M.Suguna
1.4	Medicinal and Aromatic plants cultivation	One day	August 2013 February 2014	Mrs. M.Suguna
1.5	Tea cultivation	Two weeks	April 2013	Mrs. M. Suguna
1.6	Tea cultivation	One week	June 2013 July 2013 August 2013	Mrs. M. Suguna
1.7	Tea cultivation	One day (20 programmes)	April 2013 to March 2014	Mrs. M. Suguna

2. AGRICULTURAL ENGINEERING				
2.1	Tea processing (Orthodox, CTC and Green Tea) for Indco tea factory personnels	Three days	January 2014	Dr. G.Ramamoorthy
2.2	Tea Processing (Orthodox, CTC and Green Tea) for Bought leaf tea factory personnels	Three days	February 2014	Dr. G.Ramamoorthy
2.3	Soil and water conservation in Tea new clearing	One day	June 2013 July 2013 August 2013 October 2013	Dr. G.Ramamoorthy
3. SOIL SCIENCE & PLANT PROTECTION				
3.1	Awareness programme on importance of soil sampling and importance of preservation of soil health	One day	January 2014	Mrs. Deepthi Kaviraj
4. HOME SCIENCE				
4.1	Tailoring	Two month	June-July 2013 January-February 2014	Mrs.H.Vidyalakshmi
4.2	Wool knitting	Two month	August - September 2013 Nov - Dec2013	Mrs.H.Vidyalakshmi
4.3	Home Baking	Two days	February 2014	Mrs.H.Vidyalakshmi

4.6	Post harvest management and value addition in fruits and vegetables	Two days	October 2013	Mrs.H.Vidyalakshmi
4.7.	Crocheting and Embroidery	One month	October 2013	Mrs.H.Vidyalakshmi
4.8	Post harvest management in fruits and vegetables and value addition	Two days	February 2014	Mrs.H.Vidyalakshmi
4.9	Mushroom production technology	One day	September 2013 January 2014	Mrs.H.Vidyalakshmi
6. COMPUTER (E-LINKAGE) TRAINING				
6.1	Basic Computer Training	One day	June 2013	Programme Assistant (Computer Programmer)
6.2	Internet Usage Training	Two days	September 2013	Programme Assistant (Computer Programmer)
6.3	Database Management Training	Two days	December 2013	Programme Assistant (Computer Programmer)

Sl.No	Course Title	Duration	Dates	Course Incharge
OFF CAMPUS TRAINING PROGRAMMES				
1. CROP PRODUCTION				
1.1	Demonstration of coffee as a border crop in tea	One Day	June 2013	Dr. R.Shanmugam
1.2	Use of different organic growth promoters for white tea production	One Day	July 2013	Dr. R.Shanmugam
2. HORTICULTURE				
2.1	Mite control in carnation	One day	April 2013	Mrs. M. Suguna
2.2	Nematode management in Carnation	One day	October 2013	Mrs. M. Suguna
2.3	Disease management in Potato	One day	June 2013 September 2013	Mrs. M. Suguna
2.4	Club root management in cabbage	One day	August 2013 January 2014	Mrs. M. Suguna
2.5	Gerbera cultivation	One day	October 2013 December 2013	Mrs. M. Suguna
3. AGRICULTURAL ENGINEERING				
3.1	Demonstration on machine harvesting in tea	One day	May 2013 June 2013	Dr. G. Ramamoorthy
3.2	Demonstration on machine pruning in tea	One day	August 2013 September 2013	Dr. G. Ramamoorthy

3.3	Demonstration on High volume sprayer to reduce labour and to control red spider mite	One day	January 2014 February 2014	Dr. G. Ramamoorthy
3.4	Demonstration on high volume sprayer for drought management	One day	December 2013 January 2014 March 2014	Dr. G. Ramamoorthy
3.5	Demonstration on high volume sprayer for foliar nutrient spray	One day	August 2013 September 2013 November 2013	Dr. G. Ramamoorthy
4. SOIL SCIENCE & PLANT PROTECTION				
4.1	Vermicomposting Techniques	One day	September 2013	Mrs. Deepthi Kaviraj
4.2	Soil sampling	One day	November 2013	Mrs. Deepthi Kaviraj
5. HOME SCIENCE				
5.1	Livestock-first aid for animals	One day	October 2013	Mrs.H.Vidyalakshmi
5.2	Women in Agriculture Day	One day	December 2013	Mrs.H.Vidyalakshmi
5.3	Women and child health care (ICDS)	Two days	September 2013	Mrs.H.Vidyalakshmi
5.4	Household food security by kitchen gardening and nutrition gardening	One day	November 2013 May 2014	Mrs.H.Vidyalakshmi
5.5	Design and development of low/minimum cost diet	Two days	March 2014	Mrs.H.Vidyalakshmi

5.6	Women empowerment	One day	August 2013	Mrs.H.Vidyalakshmi
5.7	Diabetic awareness programme	One day	December 2013	Mrs.H.Vidyalakshmi
6. AGRICULTURAL EXTENSION				
6.1	Leadership development	One day	June 2013	Dr. R.Shanmugam
6.2	Group Dynamics	One day	August 2013	Dr.R.Shanmugam
6.3	Formation and management of SHGs	One day	October 2013	Dr. R.Shanmugam
6.4	Mobilization of social capital	One day	December 2013	Dr. R. Shanmugam
6.5	Entrepreneurial development of farmers / youth	One day	January 2014	Dr. R. Shanmugam

TECHNOLOGY TO BE DEMONSTRATED IN RESPECT OF CROP PRODUCTION (FRONT LINE DEMONSTRATION) 2013-2014

S. No	Crop	Technology to be demonstrated	Number of demonstration	Area in ha. / No. of units	Staff incharge
1.	Lilium	Integrated crop management in Lilium	10	5000 m ²	SMS (Horticulture)
2.	Potato	Demonstration of new potato variety Kufri Neelima	6	0.6 ha.	SMS (Horticulture)
3.	Garlic	Integrated nutrient management to improve the quality of garlic	5	1 ha.	SMS (Home Science)
4.	Tea	Demonstration of multi cropping system in tea	5	1 ha.	Programme Assistant (Farm Manager)
5.	Carrot	Integrated disease management of leaf spot in Carrot	5	1 ha.	SMS (Home Science)
6.	Cauliflower	Integrated pest and disease management in Cauliflower	5	1 ha.	Programme Assistant (Lab Technician)
7.	Coffee	Demonstration of border crop in tea for additional income	25	10 ha.	SMS (Agrl. Extn.)
8.	Tea	Demonstration of special multi nutrients foliar spray for tea field under extensive mechanical harvesting	2	2 ha.	SMS (Agrl. Engg.)
9.	Farming systems	Integrated Farming Systems for tribal areas	3	3 ha.	Programme Assistant (Farm Manager)
10.	Tribal Products	Market promotion of tribal products in the Nilgiris	-	-	SMS (Agrl. Extn.) / Programme Assistant (Farm Manager)

TECHNOLOGIES TO BE ASSESSED IN RESPECT OF CROP PRODUCTION (ON FARM TESTING) 2013-2014

S. No	Crop	Title	No. of trails	Scientist incharge
1.	Tea	Assessment of different organic growth promoters for white tea production	3	SMS (Agrl.Extn.)
2.	Lilium	Assessment of coir compost along with soil to reduce the rotting of lilium bulb	2	SMS (Horticulture)
3.	Vermi compost	Assessment of tea waste for production of vermicompost	2	Programme Assistant (Lab Technician)
4.	Kitchen Garden	Assessment of different greens in kitchen garden – Organic	5	SMS (Home Science)

Farmers Field School

1. Title : Integrated Crop Management in Garlic

2. Village : Ooty

3. Period : September to December 2013

4. Officer Incharge : Dr. R. S hanmugam

Activities proposed through Tea Board UPASI KVK Quality Upgradation Programme in small sector

Sl. No.	Nature of Programmes	Objective	No. of Prog. proposed
1.	Development Programmes	Strengthening and motivating societies through group dynamics approach to sustain quality and quantity of quality output of tea from small grower's field.	12
2.	Large Scale demonstrations	Demonstrating & promoting mechanisation in tea to manage labour shortage	12
3.	Advisory cum follow-up visits	Monitoring progress through visits and inspection to small growers tea fields and visiting tea factories to monitor manufacturing practices	500
4.	Promotional Programmes	Disseminating researched and refined technologies on tea cultivation, tea processing and deliberate on scope of further improvement in society concept and formation of consortiums through seminars, exposure visits.	4
a.	Seminar		
b.	Exposure visits		4
c.	Publicity	Publicity on various initiatives of Tea Board of India and UPASI KVK for the development tea among small sector through print and electronic media.	-
5.	Human Resource Development programmes	Trainings will be conducted to train small growers and manufacturers on tea cultivation, tea processing, mechanisation in tea, soil & water conservation measures, specialty tea production, etc.,	12

Scientific Advisory Committee members

<p>Sri.Ullas Menon, - Chairman Secretary General, UPASI, Coonofor – 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 (0422) 6611233</p>	<p>Mr.Ramaswamy Ambalavanan IA & AS., - Member Executive Director, Tea Board, Shelwood, Coonoor – 643 101, Nilgiri District. (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. 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. (0423) 2443992</p>
<p>Dr. P. Mohankumar, - Member Director, UPASI Tea Research Foundation, Nirar Dam B.P.O., Valparai – 642 127, Coimbatore District 04253 - 2235301, 235224 9442635301</p>	<p>Dr.N.Selvaraj, - Member Professor & Head, Horticultural Research.Station, TNAU Research Complex, Udhagamandalam, Nilgiri Dt Mob: 9443052219</p>
<p>Mr.K.g.Udayabhanu, Member Assistant Director, UPASI – Tea Res.Foundation, Glenview, Coonoor, Nilgiri District. (0423) 2230732</p>	<p>Dr.Iyyue, - Member Head, Sheep Breeding Research station, Sandynallah, Udhagamandalam (0423) 2253088</p>
<p>Joint Director of Horticulture, Member Horticulture House, Udhagamandalam – 643 001, Nilgiri District. (0423) 2444056</p>	<p>The Station Director, - Member All India Radio, Finger Post, Udhagamandalam, Nilgiri District. (0423) 2444930</p>

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

Scientific team of UPASI-Krishi Vigyan Kendra

S. No.	Designation/ Specialization	Name	Qualification	Tel. Phone
1.	Programme Coordinator and Head	Vacant		
2.	SMS (Agricultural Engineering)	Dr. .G.Ramamoorthy	Ph.D	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. (Horticulture)	Off : 0423-2230772 Cell: 9442792298
5	SMS (Home Science)	Mrs. H. Vidyalakshmi	M.Phil., B.Ed., (Food Science & Nutrition)	Off : 0423 – 2230772 Cell : 9655449715
5.	Programme Assistant (Farm Manager)	Mr.M.Mohan	B.Sc. (Horticulture)	Off : 0423-2230772 Cell: 9787725219
6.	Programme Assistant (Lab Technician)	Mrs. Deepthi Kaviraj	M.Sc.	Off : 0423-2230772 Cell: 9443870195
7.	Programme Assistant (Computer Programming)	Vacant		

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