

# ಕೃಷಿ ತಂತ್ರಜ್ಞ Krishi Tantrajna



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## IAT Bangalore Activities



### Extension Education & Training Programmes

#### Training on Borewell Recharge



Sri. M.V. Venkatesh, CEO, Ramanagar inaugurated Borewell Recharge Training along with other dignitaries on 14-7-2014 at Avverahalli.

Sri. K.J. Devendrappa, Sri. Ashok, Smt. Sujatha Shivalingappa, Smt. Lakshamma, Sri. Devaraja Reddy, Dr. D. Rajagopal, Sri. Annaiah and Sri. Puttaswamy participated.

A Borewell Recharge Training Programme was conducted on 14-7-2014 at the Government High School Avverahalli under the Chairmanship of Smt. Laxmamma, President, Hulikere-Gunnur Grama Panchayat of Ramanagara with the joint collaboration of IAT, Dept. of Agriculture, Dept. of Watershed Development, Ramanagara, IFFCO Bangalore and Grama Panchayat Hulikere Gunnur Avverahalli.

Dr. M.V. Venkatesh, Chief Executive Officer, ZP, Ramanagara inaugurated the programme. He expressed concern over depleting water level in the borewells year by year mainly because of unscientific and indiscriminate use of borewell water. He was also very critical about destruction of trees, forests, Gomals, growing only eucalyptus and Acacia plants. Urbanisation have lead into all these problems. He appealed to farmers to conserve as much as rain water through various water conservation and water harvesting structures. He appreciated the efforts of IAT in tackling these problems by arranging awareness programme



Dr. M.V. Venkatesh, CEO, Ramanagar delivering inaugural speech during Borewell Recharge Training. Sri. Channabasavaiah, Sri. Ashok, Sri. Devaraj Reddy, Smt. Sujatha Shivalingappa, Smt. Lakshamma and Sri H.C. Rajanna participated.

H.C. Rajanna, Former President, ZP, Ramanagara appealed to farmers to conserve the water, follow scientific cultivation and protect the environment. Dr. D. Rajagopal, Vice-President, IAT Bangalore who participated as chief guest appealed to the farmers to make use of such programmes in increasing their Agricultural Production. K.J. Devendrappa, Secretary, IAT presented the details of District scenario about Agricultural production, Number of Borewells, Rainfall and water levels in the Borewells. He also briefed about the activities of IAT.

Sri. N.J. Devaraja Reddy, Hydro Geologist and Rain water harvesting expert explained the importance of Borewell recharge, methods of recharge and live examples of various Borewell recharging activities through powerpoint presentation and requested the farmers to come forward for getting their Borewell recharged. Sri. Annaiah, JDA, Ramanagara, Sri. Ashok, DWDO, Ramanagara, Sri. Subramanya, Field Officer, IFFCO, Mandya, Sri. Puttaramaiah, PDO, Hulikere-Gunnur Grama Panchayat participated in the programme.



An interaction session with farmers and scientists was also organized. Many queries from the farmers were answered and about 10 interested farmers enrolled their names for taking up Borewell recharge work. The programme was started with prayer from team of students of high school, welcomed by Sri. Channabasavaiah, Co-Chairman, Extension Education and Training sub-committee, IAT Bangalore, Vote of thanks by Mahadevaiah, Secretary, Grama Panchayat and anchored by Lingarajaiah, Craft teacher from Government High School, Avverahalli. About 200 farmers participated in the programme.

## Organised Animal Health Camps and conducted Farmers Training

### Avverahalli, Ramanagara Taluk

An Animal Health Camp, Treatment of infertility animals, Training to farmers and distribution of prizes for maintenance of good calves was organized on 29-9-2014 at Avverahalli under the chairmanship of Sri S. Basavaraju, President, Milk Cooperative Society, Avverahalli with the joint collaboration of IAT, Bangalore, Milk Cooperative Union, Department of Animal Husbandry and Veterinary Services, Ramanagar and Milk Cooperative Society, Avverahalli.



Sri. P. Nagaraj, President, KMF distributed prizes to a farmer who maintained best calf during Animal Health Camp on 29-9-2014 at Avverahalli. Sri.K.Raju, Ex-MLA, Dr. Margoob Hussain, M.C. member, IAT participated

Sri. P. Nagaraju, President, Karnataka Milk Federation, Bangalore inaugurated the programme. He explained the various activities carried out by KMF for the benefit of farmers and animals like insurance to all milking animals, setting up of feed manufacturing unit at Ramanagar, supplying quality feeds to animals, construction of own building to Milk Cooperative Societies etc. He appealed to all the farmers to take care of their animals so that they would get better income from them. K.Raju, Ex-MLA, Ramanagara appreciated the efforts of IAT and other organizations in conducting such a good programme for the benefit of farmers and

appealed to the farmers to make use of the programmes. He also requested the President, KMF to help farmers as much as possible during his tenure.

Dr. M.D. Devaraj, Deputy Director (AH&VS), Ramanagara briefed about the activities of the Department of Animal Husbandry and appealed to farmers to make use of the facilities provided by the Department. Dr. Margoob Hussain, Professor of Animal Gynaecology (Retd.) and IAT member and Dr. Nagesh, Veterinary Officer, Hulikere Gunnur explained the different measures to be taken by the farmers for maintaining animals and calves in a better manner, control of different diseases, increase of milk yields in the animals etc. Dr. B.K. Jagadish, General Manager, Bangalore Milk Union explained the different activities of the Union in the interest of farmers, Animals for increasing Milk Production and appealed to farmers to make use of such animal camps. Prof. V. Veerabhadraiah, Vice President, IAT Bangalore briefed the activities of IAT taken up for increasing production in Agriculture and allied sectors and requested the farmers to make use of them. Dr. K.V. Sarvesh, President, IAT Bangalore also participated and guided the organisers to conduct the programme in a befitting manner.



Dr. Margoob Hussain, Professor and Animal Gynaecologist (Retd.), UAS (B) treating infertility Animals during Animal Health Camp at Avverahalli

Dr. Margoob Hussain, Dr. Shivashankar, Deputy Manager, BAMUL, Ramanagar, Dr. M. Srinivas, Deputy Manager, BAMUL, Ramanagara, Dr. Nagesh, Dr. Vinaykumar, Veterinary Officer, SRS Betta, Dr. Swetha, Veterinary Officer, BAMUL, Ramanagar and Livestock inspectors of SRS Betta treated the cows / buffaloes / calves / sheep for different diseases, infertility and distributed the medicines and mineral mixtures for the better care of animals by the farmers. Dr. L.N. Venkataswamy Reddy, Deputy Manager, BAMUL, Bangalore selected the best 9 calves, 3 in each category.



Sri. P. Nagaraj, President, KMF and other dignitaries distributed the prizes to the 10 farmers who have maintained good calves as well as supplying maximum quantity of milk to the society. K.J. Devendrappa, Secretary, IAT Bangalore, IAT members, local leaders participated in the programme. Sri. Channabasavaiah, Co-Chairman, Education Extension and Training sub-committee, IAT Bangalore welcomed the farmers, Sri. Basavaraj, Member, Milk Cooperative society proposed the vote of thanks. About 150 animals have been treated by the doctors and 200 farmers participated in the programme.

## Kukkur, Channapatna Taluk

The testing, treatment of Infertile Animals and Animal Health Treatment Camp was organized on 22-8-2014 at Kukkur village of Channapatna Taluk with the joint collaboration of IAT, College of Agriculture, UAS, Bangalore, Department of Agriculture, Channapatna Taluk Department of Animal Husbandry and Veterinary Sciences, Channapatna and Lions Club, Bangalore East.



Dr. D. Rajagopal, Vice President, IAT, Bangalore delivering inaugural speech during Animal Health Camp on 27-8-2014 at Kukkur. Dr. C.R. Manjunath, AD(AH&VS), Dr. Margoob Hussain, Dr. K.P. Raghu Prasad, Dr. Ankegowda AD(AH&VS) participated.

Dr. D. Rajagopal, Vice President, IAT, Bangalore inaugurated the Animal Health Campaign programme. During his inaugural speech he explained the importance of conducting such campaigns and appealed to the farmers to bring more number of animals for getting them tested as well as to get the ready treatment in order to keep their animals in good health for higher milk production. He also advised the RAWEP students to gain more practical knowledge during their village stay so that it gives a very good experience to tackle the problems related to the Animal husbandry and Veterinary Services during their future career.

Dr. Margoob Hussain, Animal Gynaecologist explained in detail the management practices to keep the Animal and calves in healthy condition, different diseases and

their control measures and he also suggested various measures to increase the milk production. Dr. C.R. Manjunath, Assistant Director (AH&VS), Channapatna briefed about the activities of Animal Husbandry department and appealed to the farmers to make use of the benefits. Dr. K.P. Raghu Prasad, Professor, Agricultural Extension, UAS, Bangalore explained the importance of conducting RAWEP programme for Final Year students and advised the students to utilize the best advantage of the village stay practicals.

Dr. Margoob Hussain, Dr. Manjunath, Dr. Ankegowda, Asst. Director, Veterinary Hospital, Byrapatna and Livestock inspectors treated the cows/ buffaloes/ calves and sheep for different health problems and supplied the medicines to them. More than 100 animals have been treated during the occasion.

## Nagohalli, Ramanagara Taluk and Srigiripura, Channapatna Taluk

Similar Animal Health Camps including testing and treatment of infertile animals and training to the farmers have been organized at Nagohalli, Ramanagar



Dr. D. Rajagopal, Vice President, IAT, Bangalore delivering inaugural speech during Animal Health Camp on 3-9-2014 at Nagohalli. Dr. K.P. Raghu Prasad, Dr. Margoob Hussain and Dr. Alijaan participated.

Taluk on 3-9-2014 and at Srigiripura, Magadi Taluk on 8-9-2014 with the Joint collaboration of IAT, Bangalore College of Agriculture, UAS, Bangalore, Department of Agriculture, Department of Animal Husbandry, Ramanagara, Bangalore Rural and Milk Cooperative societies, Nagohalli and Srigiripura. Dr. Alijaan, Asst. Director, Department of Animal Husbandry, Kailancha participated in the programme at Nagohalli.

Dr. D. Rajagopal, Vice President, IAT Bangalore inaugurated both of these programmes. He appealed to the farmers to bring more animals to the camp for get them tested for various disease problems and get them suitably treated in the camp. He also advised the farmers about the importance of milk yielding cows as "Kamadhenu" which gives 'Panchamrutha' as a good nutrient for human health and 'Panchagavya' as good





Dr. D. Rajagopal, Vice-President, IAT, Bangalore delivering inaugural speech during Animal Health Camp on 8-9-2014 at Srigiripura. Dr. Margoob Hussain, Sri Prakash, Dr. Shivalingaiah, UAS Bangalore and farmers participated.

nutrients for plant health therefore we have to take care and protect these milk yielding cows and worship them as "Kamadhenu". He also guided the students that it is the time for the students to learn and acquire practical knowledge during village stay which helps them better in the days to come.

Dr. Margoob Hussain with the help of Veterinary Doctors and para-veterinary staff of Ramanagara and Magadi Taluks treated several animals and supplied medicines for controlling the various disease problems. Smt. Mariamma, President, MPCS, Nagohalli and Sri Prakash, Chairman, Grama Panchayat, Sirigiripura respectively presided over the programmes.

### **Chowdeshwarihalli, Ramanagara Taluk**

Treatment of infertile cows, buffaloes under the animal health camp and training to farmers was conducted on 27-8-2014 at Chowdeshwarihalli in Ramanagara district under the Chairmanship of Sri. S. Madhu, President, Milk Cooperative Society with the joint collaboration of IAT, College of Agriculture, UAS, Bangalore, Department of Animal Husbandry and Veterinary Sciences, Department of Agriculture, Ramanagara and Lions Club, Greater Koramangala, Bangalore.

Sri. K.J. Devendrappa, Secretary, IAT Bangalore inaugurated the programme and requested the farmers to make use of the programme by bringing more animals to the camp for treatment and to increase the milk production by following the practices as guided in the training programme. Further he advised the RAWEP students to get practical information in the village camps so that they can perform better in the days to come. He also briefed the various activities undertaken by the IAT Bangalore. Dr. Margoob Hussain, Professor, Animal Gynecologist (Retd.) explained in details about the care to be taken for the maintenance of cows/ buffaloes/ calves to control



Sri. K.J. Devendrappa, Secretary, IAT, Bangalore delivering inaugural speech during Animal Health Camp on 27-8-2014 at Chowdeshwarihalli. Sri. Madhu, Dr. Siddappa, Dr. Margoob Hussain, Dr. K.P. Raghu Prasad participated.

different diseases and pests and finally to increase milk production. Dr. K.P. Raghu Prasad, Professor, Agricultural Extension, College of Agriculture, UAS, Bangalore explained the activities of RAWEP Programme and appealed to the farmers to make use of the programme.

Dr. Margoob Hussain, Dr. Siddappa, Asst. Director, AH&VS, Kutagal, Livestock inspectors of Veterinary Dispensary, Kutagal treated the animals for various diseases, problems of infertility and guided the farmers. More than 200 animals including cows, buffaloes, sheeps, calves were treated during the camp. Sri. Madhu, President, Milk Cooperative Society, Chowdeshwarihalli thanked all the organizers for conducting such a good programme and appealed to farmers to make use of the programme. The programme was started with prayer by Dhannashree, welcomed by Chaitra patil, Vote of thanks proposed by Ashwini and anchored the programme by Chaitra. More than 100 farmers participated in the training programme.

### **Visit of the Experts to study the feasibility of Borewell Recharge**

Sri. K.J. Devendrappa, Secretary, IAT, Bangalore and Chairperson for Extension, Education and Training sub committee, Sri. N.J. Devaraja Reddy, Hydro Geologist and Rainwater Harvesting specialist, Chitradurga, Sri. Channabasavaiah, Co-Chairman, Extension Education and Training, IAT, Bangalore and Puttaramaiah, Panchayat Development Officer, Grama Panchayat, Hulikere Gunnur of Ramanagara visited the fields of following farmers on 1-8-2014.

After studying the feasibility to take up the borewell recharge work, a meeting was conducted in the office of the Grama Panchayat under the Chairmanship of



Sri. K.J. Devendrappa, Secretary, IAT, Sri. N.J. Devaraj Reddy, Hydrogeologist explained the farmers, the feasibility of the fields based on the observations made and requested interested farmers to stock the required materials such as boulders, jelly, sand, stones after opening the pit in order to take up further implementation. Sri. K.J. Devendrappa requested the farmers to intimate the concerned after stocking the required materials so that IAT will coordinate to take implementation of Recharge work. Sri. Channabasavaiah, M.C. member, IAT Bangalore proposed the vote of thanks.

## Training on Honey Beekeeping and Rabi Seed Treatment

A training programme on Honey Beekeeping and Rabi Seed Treatment was conducted on 10-9-2014 in the fields of Shivakumar Patil of Gudihal, Lingasugur taluk of Raichur under the Chairmanship of Smt. Saraswathi, Asst. Director of Agriculture, Lingasugur with the joint collaboration of IAT, Bangalore, Department of Agriculture, Lingasugur and IAT Regional Chapter, Raichur.



Dr. D. Rajagopal, Vice President, IAT, Bangalore inaugurated Honey beekeeping and Rabi Seed treatment training at Gudihal, Raichur Dist. on 10-9-2014. The others L to R: Dr. Shamarao Kulkarni, Smt. Saraswathi, Sri. Shanthaveeraiah and Sri. K.J. Devendrappa participated.

Dr. D. Rajagopal, Vice President, IAT, Bangalore and member, Board of Management, UAS, Dharwad inaugurated the programme and appreciated the efforts of Asst. Director of Agriculture in organising the programme in such a remote nice place where all the components of Integrated Farming System is practiced systematically with all agriculture and allied sectors activities in the fields of Sri. Shivakumar Patil. He explained the various advantages of maintaining Honeybee colonies which brings additional income to the farmers and increase the seed setting by means of cross pollination. He also mentioned about the

advantages of Seed treatments in the control of various soil and seed borne diseases and appealed to the farmers to make use of the practical field demonstration on different seed treatments.

Sri. Shanthaveeraiah, Expert, HoneyBeekeeping explained the detail life history of the honeybees, bee colonies, different castes in the bees, advantages of Beekeeping in increasing agricultural production, production of honey and other byproducts. He practically demonstrated Honey bee boxes, different chambers for breeding, honey strong different castes of honeybees and actual maintenance throughout the year. Dr. Shamarao Kulkarni, Agronomist, Agricultural Extension unit, Lingasugur demonstrated seed treatment with fungicide and rhizobium culture for Rabi Jowar and Bengalgram. Smt. Saraswathi, ADA, Lingasugur explained the detail activities of the Department of Agriculture and requested the farmers to increase their yields by making use of the programme.

Sri. K.J. Devendrappa, Secretary, IAT Bangalore briefed the activities of IAT. An interaction session was also conducted with farmers and many queries of the



A team of Scientists visited IFS farm of Sri Shivakumar Patil at Gudihal, L to R : Dr. Shamarao Kulkarni, Sri Shantaveeraiah, Dr. Sharanappa Upperi, Smt. Saraswathi, Dr. D. Rajagopal, Sri Shivakumar Patil and Sri K.J. Devendrappa

farmers were answered. Dr. Sharanappa Upperi, Extension leader, EE Unit, Lingasugur, Sri. Ravikumar, President, Sajjalshree NGO Lingasugur, Sri Doddabasappa, Former Vice President, Taluk Panchayat, Lingasugur participated in the programme. The Programme was started with the prayer by Kavyashree and her team, welcomed by Sri Shashidhar, Manager, NGO and vote of thanks proposed by Sri. Ashok Kamble, Agricultural Officer, Lingasugur. As many as 100 farmers participated in the programme. The programme was anchored by Sri. Shashidhar.



## Knowledge Enhancement Programme

1. A lecture programme was organized on "Health benefits of Fruits, Vegetables and Spices, what is beyond carbohydrates, proteins, fats, vitamins and minerals?" by Dr. G.N. Mohan Kumar, Associate Professor, Department of Horticulture, Washington, State University, Pullman, USA on 5-7-2014 at B.J. Nanjundappa Hall, IAT, Bangalore. Dr. Mohan Kumar explained about the daily use of different fruits, vegetables and spices which are going to influence health of an individual. He explained about the importance of proteins, fats, vitamins and minerals which are required for human beings. Sri. K.J. Devendrappa, Secretary, IAT presided over the programme, Dr. N. Krishnamurthy, Chairman, Knowledge Enhancement sub-committee, IAT welcomed the gathering, Mr. Channabasavaiah, Member, Managing Committee, IAT introduced the guest and Mr. Deshaiah, member, IAT proposed the vote of thanks.



Dr. G.N. Mohankumar from USA delivered a lecture on Health Benefits of Fruits, Vegetables and Spices on 5-7-2014 at IAT. L to R : Dr. N. Krishnamurthy, Sri. Channabasavaiah, Dr. Mohankumar and Sri. K.J. Devendrappa.

2. A lecture programme on "Life is Beautiful" by Smt. Swarnalatha Iyer was arranged on 12th September 2014 at 3-30 P.M. Speaker narrated that life is in your hands to make it "Beautiful or Miserable". She further illustrated that most of elderly people are lonely as their children have left them either in abroad or move out to work. Even when children are in same place, usually they are not ready to live with their parents because they could find it difficult to adjust with them. Is it not surprising? The reason lies with oldies the parents who refuse to giveup their control over their children and want to make all the decisions by themselves. In our Indian scriptures it is advised that parents after 60 years to move away from all the attachments and lead a life of frugality. It means that they can be with their children and offer all the moral and emotional support, at the same time 'let go' of all their controlling beliefs. If

you hire a gardener to do groundwork and plant selected samplings to create a beautiful garden, he cannot be the owner. Just like that, parents created their children but should not lay any claim on them. The children are gifted by God, parents are only care takers.

An attitude of Gratitude generally takes care of most of the things in life. we focus on the things we do not have to complain. In the process, we make our lives miserable. Cultivate the attitude of Gratitude. Our life in this world is in itself a gift. Let us not waste it in complaints, quarrels and criticisms. Let us enjoy the abundance with gratitude, joy and happiness. The programme was presided over by Dr. D. Rajagopal, Vice President, IAT, who appreciated the speaker for her excellent presentation on the topic Life is Beautiful. Which looks simple but more complicated in her analysis. Dr. N. Krishnamurthy, Chairperson, Knowledge Enhancement sub-committee welcomed the guests & gathering. Sri. Channabasavaiah introduced



Smt. Swarnalatha Iyer delivered a lecture on Life is Beautiful on 12-9-2014 at IAT. From L to R Sri. Channabasavaiah, Smt. Swarnalatha Iyer, Dr. D. Rajagopal and Dr. N. Krishnamurthy.

the speaker and Sri. N. Deshaiah proposed the vote of thanks. Around sixty technocrats attended the programme.

## Cultural Programme

A cultural programme "Apoorva Sangama" by Ashok Basti, Jr. Rajkumar Cultural Mitra Mandali, Haveri was organized for IATians and their family members on 28th September 2014 at 2.00 P.M. at IAT under the Chairmanship of Dr. K.V. Sarvesh, President, IAT. Sri. Ashok Basti who is known as Junior Rajakumar along with his team of different artists enthralled the audience with their live mono-acting, songs and dance supported by orchestra team. Sri. Ashok Basti in the getup of Dr. Rajakumar reminded the participants to recollect the yesteryears of Rajakumar in the films like Mayura, Sampattige Saval and other popular films.





Sri. Ashok Basti (Jr. Rajakumar) performing the role of Dr. Rajakumar in Mayura Film during Apoorva Sangama Cultural programme conducted on 28-09-2014 at IAT, Bangalore

The audience including the M.C. members joined hands and stepped up with Ashok Basti during the cultural programme. His son Sri. Raghavendra Basti along with Kum. Kanakalakshmi enthralled the participants by their duet songs and dance simultaneously. One more most talented artist Sri. Mimicri Gopi imitated most of the important politicians and film personalities. All the participants enjoyed his excellent performance.

Dr. K.V. Sarvesh in his presidential address complimented Sri. Ashok Basti, Sri. Mimicri Gopi,



Apoorva Sangama Cultural Programme was conducted by Ashok Basti Mitra Mandali Sitting L to R : Sri. K.J. Devendrappa, Prof. V. Veerabhadraiah, Dr. K.V. Sarvesh, Sri. Ashok Basti, Dr. M. Mallappa, Sri. Raghavendra Basti, Sri. Mimicri Gopi. Standing L to R Sri. Channabasavaiah and Artists team

Raghavendra Basti and other members in view of their excellent performance particularly the role played by Sri. Ashok Basti and Mimicri Gopi. Dr. Mallappa, Chairperson, Cultural and Sports sub-committee introduced the Guests to the audience and explained the purpose of conducting such cultural programme for IATians. Sri. K.J. Devendrappa extended a warm welcome to the audience and vote of thanks was proposed by Sri. Channabasavaiah, M.C. member of IAT. Around 225 people participated in the programme.

## Activities of the Regional Chapters

### BAGALKOT

#### Training Programme on Bee Keeping and Marketing of Honey

IAT Regional Chapter, Bagalkot, Directorate of Extension, University of Horticultural Sciences(UHS) Bagalkot and Karnataka Vikas Grameena Bank, Bagalkot have jointly organized a one day training programme on Beekeeping and marketing of Honey at UHS Bagalkot on 13th August 2014. The programme was attended by thirty beneficiaries from the districts of Bagalkot, Bijapur, Dharwad and other districts. Dr. J. Venkatesh, Director of Research, UHS Baglaktot inaugurated the training programme by lighting the lamp. In his inaugural address, he said that the Beekeeping activity can be taken up in Maidan areas also in addition to Malnad areas. Further he stated that the Honeybees plays an important role in the cross pollination of different crops and the farmers could get better yields by keeping the Beehives during the flowering periods.

Dr. A.B. Patil, President, IAT Regional Chapter, Bagalkot and the Director of Extension, UHS, Bagalkot

in his introductory speech expressed that, the farmers could get income throughout the year by practicing beekeeping, out of honey and bye products of honeybees. He further stated that farmers can get 20-25% higher yields by the pollination of crops through honey bees.

Sri. S.M. Shanthaveeraiah, ADA (Retd.) and Beekeeping Expert, participated as main resource person in the Training Programme and said that there is lot to learn from the beekeeping activity. He demonstrated identification of honeybee castes, social system, management of honeybees, food collection etc. to the participating beneficiaries. Sri. Manjunath Sullolli, Deputy Director, Department of Information & Publicity requested the beneficiaries to make use of the training in improving their well being. Sri. H.C. Venkatesh, Executive director, Karnataka Krishikara Resource Centre, Bagalkot requested the participating trainees to adopt beekeeping and utilize the training benefits without fail. Sri. Mallanna Jigalur, Member, Krishi Mission and progressive farmer shared his experiences with the farmers and requested them to go for Beekeeping activity and get good income out of it. During the training programme the (30) thirty





Dr. J. Venkatesh, Director of Research, UHS Bagalkot inaugurated training on Beekeeping and Marketing of Honey on 13-8-2014 at Bagalkot. Dr. A.B. Patil, Sri. Shanthaveeraiah, Sri. Manjunath Sulloli, Sri. H.C. Venkatesh, Sri. Mallanna jigalur participated.

participating farmers were given beekeeping boxes and CD's on beekeeping free of cost. The programme started with invocation by Girls students of UHS, Bagalkot. Sri. B.L. Thamadaddi, Associate Professor, UHS welcomed the gathering and Dr. Vijay Mahantesh, Asst. Professor, UHS proposed the vote of thanks. Kumari. Vijaya Hosamani, Asst. Professor of UHS anchored the entire programme.

## Training Programme on Floriculture and Cultivation of Vegetables

IAT Regional Chapter, Bagalkot along with University of Horticultural Sciences(UHS), Bagalkot had organized a two days training programme on protected floriculture and cultivation of vegetable crops at UHS, Bagalkot on 22-9-2014. The programme was inaugurated by Sri. R.L. Katageri, JDA (Retd.) and former President of IAT chapter Bagalkot. In his inaugural address he requested the beneficiaries to give up all bad habits and take up protected floriculture and cultivation of vegetables and requested to take oath in this regard. Dr. A.B. Patil, Director of Extension, UHS and the President, IAT Regional Chapter, Bagalkot in his introductory remarks stated that though India is in frontline in the cultivation of several vegetables, there is need to improve the production levels. He also stated that the Horticulture is like an engine for Agriculture and it could produce more in a limited area.

Sri. M.H. Bhanthnal, Joint Director of Agriculture, Bagalkot requested the participants to make use of the training programme and also to share the knowledge gained with the fellow farmers. The programme was attended by thirty farmers from Bagalkot, Bijapur, Belgaum and other districts. Dr. Balaji Kulkarni, Professor, UHS and Dr. Satish R. Patil, Asst. Professor,



Sri. R.L. Katageri, Former President IAT Bagalkot inaugurated training on Protected Floriculture and cultivation of vegetable crops on 22-9-2014 at Bagalkot. Dr. A.B. Patil, M.H. Banthawal, Dr. Balaji Kulkarni participated.

UHS participated as resource persons. Dr. Vijaya Mahantesha, Asst. Professor, UHS extended a warm welcome to the participants, Dr. Satish Patil, Asst. Professor proposed the vote of thanks, while Kumari Vijaya Hosamani, Asst. Professor, UHS, Bagalkot anchored the entire programme.

## CHITRADURGA

### Animal Health Camp

IAT Regional Chapter, Chitradurga in collaboration with District Watershed Development Department has conducted Animal health Camp on 28-7-2014 at Turuvannur village of Chitradurga taluk. Medicines for deworming domestic animals like sheep and goat was distributed free of cost for the farmers and one kilogram pocket of mineral mixture and nutrients were distributed to 150 farmers. 25 animals were treated for infertility and general checkup was conducted on 70 animals. The farmers were taught on rearing of sheep and goat by the Animal Husbandry experts.



Animal Health check-up camp was conducted at Turuvannur in Chitradurga on 28-7-2014. From L to R : Smt. Lalithamma, Dr. E. Jayarama Reddy, Dr. B.T. Hanumantha Reddy, Dr. R.D. Thippeswamy and others participated



The programme was presided over by Smt. Lalithamma, President, Grama Panchayat Turuvannur. The Chief guests for the programme were Smt. Kamalamma, TPS member, Smt. Vijayamma, APMC member, Dr. E. Jayarama Reddy, President, IAT Chapter, Dr. B.T. Hanumantha Reddy, President, HOPCOMS, Dr. C. Thippeswamy, Secretary, IAT, Dr. B. Prasannakumar, Joint Secretary, IAT, Dr. R.D. Thippeswamy, IAT member, Smt. Rathnamma, G.P. Member, Sri. Nagarajappa, EX-G. P. President and member of Jalandhara Samithi.



Dr. E. Jayarama Reddy, President, IAT, Chitradurga inaugurating the one day workshop on Diseases in pet animals on 31-7-2014. Dr. Rangaswamy, Dr. Doddamalliah, Dr. Kanthraj participated

## Workshop on Awareness of Diseases in Animals

IAT in collaboration with the Department of AH&VS conducted one day workshop on Awareness of Diseases in pet animals, their preventive measures and professional risk of veterinarians because of their frequent / constant contact with the animals on 31-7-2014. Dr. E. Jayarama Reddy, President of the chapter presided over the programme. Dr. C. Thippeswamy, Secretary. Dr. Prasanna kumar, Joint Secretary and Dr. Doddamalliah, member, IAT Chitradurga besides eighty four officers of the Department of AH&VS participated in the programme.

## Soil and Water Analysis

The Executive Committee meeting of the chapter was conducted on 7th August 2014 under the Presidentship of Dr. E. Jayarama Reddy. Progress on analysis of soil and water samples were reviewed for the month of July 2014. During the month of July 2014 the chapter has analysed 302 soil and 276 water samples and earned a revenue of Rupees Fifty seven thousand eight hundred (Rs. 57,800).

## Independence Day Celebration

The chapter celebrated Independence Day on 15th August 2014. Dr. E. Jayarama Reddy, President of the chapter hoisted the National Flag. The programme was attended by Dr. Shivamurthappa, DWDO, Chitradurga

and M.C. member, IAT Bangalore, Dr. R. Krishnamurthy, JDA, Chitradurga and Member of Executive Committee, IAT and other members of IAT and also the officers of other line departments. A total of 66 IATians participated in the programme.

## Interaction Session Conducted

The Chapter in collaboration with the Department of Agriculture, Department of Watershed and the Department of Horticulture conducted an Interaction session between the farmers and scientists at the



Farmers-Scientists Interaction session was conducted on 23-8-2014 at IAT Chitradurga. Dr. K.H. Seetharama Reddy inaugurated the programme. L to R: Dr. A.G. Ramachandra Reddy, Dr. B. Prasannakumar, Dr. E. Jayarama Reddy, Dr. Vasantha Kumar Thimakapura, Dr. Harish participated.

premises of the chapter on 23rd August 2014. Field visits were undertaken by 30-35 farmers along with Dr. Vasanthakumar Thimakapur, Scientist from Mysore, Dr. Harish, Secretary, National Farmers Association for Rights and Awareness, Mysore, Dr. K.H. Seetharama Reddy, PAO (Rtd.), Dept. of Agriculture, Chitradurga and Dr. C. Thippeswamy, Associate Professor of Entomology from UAS, GKVK, Bangalore.

Dr. Thimakapur examined around 250 to 300 acres of onion crop and noticed that the crop was infected by Downy mildew. The disease samples were collected and examined in the laboratory at IAT. In the interaction session, nearly one hundred farmers from Chitradurga district were participated in the programme. Dr. Thimakapur who participated as the resource person gave tips to the farmers on the proper cultivation of crops, disease/ pest control, irrigation management etc. through powerpoint presentation. He also shared his experiences in growing various crops in the countries like USA, UK, France, Japan etc. Dr. K.H. Seetharama Reddy inaugurated the programme. Dr. E. Jayarama Reddy, President, and other office bearers and members participated in the interaction session.



## Workshop on Soil & Water Testing for Bank Officials

Four day workshop for the staff of CDCC Bank and other banks was organized at IAT chapter Chitradurga by NABARD, Chitradurga, DCC Bank and IAT between 2nd to 5th September 2014.



Sri. Elias Ulla Sharief, M.D., CDCC Bank inaugurated the workshop. From Left to Right: Smt Malini Suvarna, Sri Shashidhar, Sri Srinivasa, Sri Nishani Jayanna, Director Sri Vijayakumar, Gundu Rao, Sri Shashidhar Yele, Sri G.R. Khan participated

These trainees were taught on the importance of soil and water testing to raise healthy crops. The resource persons are Dr. E. Jayarama Reddy, President, Dr. C. Thippeswamy, Secretary IAT Chapter and Dr. N.P. Shivashankar, co-opted member, IAT Bangalore.

## DAVANAGERE

### Training Programme on Control of Foot and Mouth Disease

The chapter in collaboration with the Department of Animal Husbandry and Veterinary Services organized a training programme to the farmers on the control of Foot and Mouth disease on 14th September 2014 at Basapura village of Davanagere taluk. The programme was inaugurated by Dr. Khazi Nissar Ahmed, Assistant Director(Retd), AH&VS. About 30 farmers participated in the programme. Dr. Shivaprasad and Dr. Khazi Nissar Ahmed were the resource persons. Sri. Marula-siddappa a farmer among the participants extended



A training on the Control of Foot & Mouth disease was conducted on 14-9-2014 at Basapur village in Davanagere. Dr. Khazi Nissar Ahmed and Dr. Shivaprasad participated

warm welcome to the officers and the audience and Sri. Umesh, another farmer proposed the vote of thanks.

### Training Programme on Animal Diseases & their control

One day training programme on Animal feed, diseases in animals and their control and on Biofertilizers was organized at KVK Taralabalu on 26th September 2014



A training on Animal Feed, Diseases in Animals and their control and on Biofertilizer was conducted on 26-09-2014 at KVK, Taralabalu, Dr. Rajasekharappa, ADA (Retd.) inaugurated, Dr. Dhanyakumar, Dr. Mohan and women farmers participated

by IAT with the collaboration of the Department of Animal husbandry and Veterinary Services. The programme was inaugurated by Dr. Rajashekarappa, ADA (Retd.) and presided over by Dr. Dhanyakumar, Veterinary Doctor (Retd).

Twenty six women farmers of Siddanur village who are rearing crossbred animals participated in the said training programme. Dr. Dhanyakumar, Veterinary Doctor (Retd.) imparted training on feeds and their importance for the animals. Dr. Mohan, Veterinary doctor (Retd.) taught on the occurrence of various diseases and their management. Sri. Rajashekarappa, ADA (Retd.) imparted the training programme on biofertilizers. Dr. G.K. Jayadevappa from KVK welcomed the audience and Sri. B.O. Mallikarjuna from KVK proposed the vote of thanks.

## DHARWAD

### Demonstration on Bee Keeping

Dr. S.M. Maragal DDA (Retd.) and IATian had conducted a demonstration on "Bee Keeping" on 15 July 2014 organised by IAT Dharwad and Department of Agriculture, Dharwad. The resource person had enlightened the farmers of Dharwad Dist about the importance of bee keeping as income generating activity which supports crop production through pollination. He cautioned the participants not to use pesticides and other harmful chemicals in the farming unnecessarily. He showed how to establish the bee hives around the farm and kitchen garden systematically. Mrs. Sarvamangala Patil, A.O., Javali A.A.O., R.B.





Dr. S.M. Maragal, DDA (Retd.) explaining on Honey beekeeping and also demonstrated components of Bee hive to the farmers on 15-7-2014 at Dharwad

Hiremath, A.D.A., Sunil Malavade, Technician, Patil, AAO and IAT Secretary Channappa Angadi were present on this occasion.

### Training on use of Bioagents in Agriculture

IAT Dharwad chapter in collaboration with Institute for Studies on Agriculture and Rural Development (ISARD) Dharwad had conducted training program on "Use of Bioagents in Agriculture" for the farmers of Belligatti, Nigadi, Devarhubbali, villages of Dharwad Dist. This event was carried out at DATC Dharwad campus on 20th August 2014 where about 40 farmers were gathered to get the information on the subject. Dr S.M. Maragal, DDA (Retd.) representing ISARD has delivered a lecture on the topic stating that the use of various bioagents like *Vam*, *Metarrhizium*, *Pseudomonas*, *Trichoderma*, *Azospirillum*, are helpful in farming and profitable to the farmers. He also explained the method of application of such inputs under field conditions.

Mrs. Sumangala Math, A.O., Channappa Angadi, A.O., Ashalatha Kulakarni, A.D.A., were present on this occasion. The package containing the above said materials worth of Rs 40/- was distributed to the participants by IAT Dharwad Chapter.

### Workshop on Irrigation Techniques

IAT Dharwad in collaboration with samarpene NGO of Belgaum had distributed literature on conservation of



The workshop on Irrigating techniques was conducted on 30-9-2014 at DATC Dharwad. R.G. Nadigeri, M.G. Patil, L.G. Patil, Channappa Angadi, Suresh Kulkarni and farmers of Davanagere participated.

natural resources including soil and water on 30th Sept 2014. The farmers of Bhadra CADA in Davanagere Dist have attended workshop on "Irrigation Techniques" at DATC Dharwad. R.G. Nadiger, M.G. Patil, L.G. Patil, Channappa Angadi had imparted training on various aspects of the above subject. Mr Suresh Kulakarni has coordinated the program. A book on Conservation of National Resources was distributed during the occasion.

## MYSORE

### Training Programme for Agri input Dealers

The IAT Mysore chapter, in collaboration with the Department of Agriculture, Mysore, had organised a one-day training programme on "Technical and Legal aspects of marketing Agro chemicals" for the dealers on 23-09-2014, at CIIL, Mysore. The event witnessed over 150 participants, including agricultural input dealers and IATians of Mysore chapter.

Dr D. Rajagopal, Vice President IAT, Bangalore, and member, Board of Management, UAS, Dharwad inaugurated the programme and addressed the gathering about the precautionary measures are to taken up while handling the pesticides especially toxic molecules. He also suggested the pesticide dealers to give more importance to the organic pesticides rather than the chemicals. Dr. Rajagopal also cautioned the dealers to give proper guidance to the purchasing farmers about suitable pesticides, dosage used for spraying, compatibility of pesticides etc. and also avoid spraying during the flowering time to protect the cross pollinators like honeybees and other insects. The input dealers were also requested to utilise the services of retired technologists either from Agriculture Department or from UAS as consultants to safeguard the interest of farming community.

Dr. Arun Balamatti, Vice President, IAT Mysore chapter, emphasised in his opening remarks that the state extension machinery is not able to meet the growing information needs of the vast farming population for various reasons and hence, the input traders are becoming the major source of information as well as agricultural inputs. Hence, in order to succeed and sustain as entrepreneurs, the input traders need to know the latest developments on agricultural technologies, especially the new pesticide molecules, in order to offer the best product at reasonable price to maintain their competitive edge. Also, going by the Green Revolution experiences, he said we cannot continue to overuse of agro chemicals for reasons of adding to the increasing production costs to farmers and the adverse impact of agro chemicals on the environment. Thus, there is a need for the input traders





Dr. D. Rajagopal, Vice President, IAT Bangalore inaugurated the training programme. Dr. Arun Balamatti, Dr. Vasanthkumar Thimakapur, Dr. Mahantheshappa, Sri. K. Prabhakar, Dr. Vijayakumar, Mr. Keshav Prakash and Dr. Shivamurthy participated.

to improve their sector knowledge and competency. Therefore, the IAT Mysore chapter has taken up this training on technical and legal aspects of input trade as the subject for its first training programme since its inception in June 2014.

Dr. M. Mahantheshappa, President and JDA, Mysore, in his presidential remarks, called on all the dealers to update themselves with the technical and legal aspects of input marketing and to strictly follow the mandatory procedures while transacting in agriculture inputs. K. Prabhakara, Joint Director, Rtd. (Prosecution), GoK, delivered a lecture on legal procedures in dealing with marketing of seeds, pesticides and fertilizers. He suggested to give emphasis on record keeping and transparency in input business. Dr. Vijayakumar, Entomologist, Agricultural College, Mandya, made an elaborate presentation on the identification of insect damages, new pesticide molecules, target pests, dosage, commercial formulations available in the market and precision management of insect pests. Dr. Vasanthkumar Thimakapur, Pathologist, Krishi Gnana-Vignana Vedike, Mysore, gave a detailed presentation on identification of nutrient deficiencies and diseases in various crops and their management. He stressed on understanding the nutrient deficiencies since they are often misunderstood as diseases, resulting in wrong diagnosis and wasteful recommendations.

The program started at noon and went up to 7.00pm with lot of interaction between the scientists and Agri input dealers. Mr. Keshava Prakash, President, Mysore Dealers Association, told that the agricultural extension system can be strengthened by capacity building of input dealers as initiated by the IAT, Mysore chapter. He also suggested that this kind of technical training to dealers should be conducted at taluk level. IAT should take initiation to conduct such training programmes to aspiring dealers and issue a certificate.

The Department of Agriculture must insist on all the new applicant dealers to undergo training and produce certificate issued by IAT.

Dr. G.H. Yogesh, Secretary, Dr. Shivamurthy, Joint Secretary, Dr. Siddaraju, Treasurer, IAT Chapter, Mysore and many other IATians were participated in the programme.

## RAICHUR

### Awareness campaign on Organic Saptaha

IAT Regional Chapter Raichur in collaboration with UAS Raichur, Krishika Samaja Raichur and STRADE an NGO organized an Awareness programme on "Organic Saptaha" on 22nd September 2014 at Soogareswara temple Kalyana Mantap of Devasagara village of Raichur Taluk. The farmers were imparted training on adoption of organic farming. This programme was inaugurated by Dr. B.V. Patil, Director of Education and former V.C. of UAS, Raichur. Dr. B.V. Patil has requested the farmers to adopt organic farming. Sri. Basavaraj Jeevanagi a progressive farmer and the recipient of Krishi Pandit award from GoK shared his experiences with the farmers in getting higher yields by adopting organic farming. Dr. Sathyanarayanan Rao, Head, Organic Farming, UAS, Raichur explained the preparation of organic inputs by using the locally available materials and Dr. Arunakumar Hosamani spoke on the Control of Pests and diseases.



Dr. B.V. Patil, DOE, UAS Raichur inaugurated Awareness programme on Organic Week on 22-9-2014 at Devasagara in Raichur. Dr. Sathyanarayana Rao, Dr. Arun Kumar, S.M. Sidda Reddy and Basavaraj Jeevanagi participated.

Sri. S.M. Siddareddy, President, IAT as well as President, Krishik Samaja, Raichur, presided over the function. Sri. Raghunatha Reddy extended a warm welcome to the participants. The scientists from UAS Raichur and progressive farmers answered many queries of the farmers. Around 200 farmers including farm women from Raichur taluk participated in the programme. An exhibition on organically grown products including vegetables was arranged as a part of



the programme. The participants were served with the meal prepared out of organically grown foxtail millet.

## **Awareness Programme on Organic Farming**

The chapter in collaboration with UAS Raichur, Krishik Samaj, Deodurga and State Department of Agriculture and Sajjalasri an NGO organized an 'Awareness programme on Organic farming' at the premises of Sajjalasri at Deodurga on 24-9-2014.



Sri. Venkatesh Naik Hon'ble MLA, Deodurga inaugurated Organic Week on 24-9-2014 at Deodurga. Dr. Sathyanarayana Rao, Sri. Mahadeva, Sri. S.M. Sidda Reddy, Sri. Sharangowda Gubburu and Amaresh Patil participated.

Sri. Venkatesh Naik, MLA, Deodurga while inaugurating the programme requested the farmers to switchover from inorganic farming to organic farming and become self sufficient / non dependent. Dr. Sathyanarayana Rao, Head, Organic Farming, UAS, Raichur addressed the farmers to adopt organic farming in order to protect their soils by continuous usage of chemical fertilizers. Sri. Mahadeva, ADA, Sharna Gowda Gabburu, Amaresh Patil and many farmers participated in the discussion. Sri. S.M. Sidda Reddy, President, IAT and also the President, Krishika Samaja who presided over the programme explained to the farmers the opportunities available for adopting organic farming. Sri. Ravi from the NGO Sajjalasri extended a warm welcome to the participants. 125 farmers from the taluk participated in the programme.

## **Training Programme on Organic Farming**

The chapter in collaboration with UAS, Raichur, KSDA, Krishika Samaja, Sindhanur and Kisan Bharati Trust organized a training programme on Organic farming paddy cultivation at Sindhanur on 26-9-2014. The programme was inaugurated by Sri. Hampana gowda Badarli, MLA. Sri. Hampanagowda Badarli appealed that the farmers can cultivate non poisonous crops by adopting organic farming only and which can also maintain the soil health. Dr. B.M. Chittapura, Dean, Agriculture, UAS Raichur participated as Chief guest and appealed to the farmers to use organic inputs in the production of Agricultural Commodities. Sri. S.M.

Sidda Reddy, President, IAT Raichur and President, Krishik Samaja, Raichur requested the farmers to adopt organic farming to obtain sustainable yields and to get higher income in paddy, since Sindhanur is predominantly a paddy growing area. Dr. Sathyanarayana Rao, Head, Organic Farming, UAS, Raichur called on the farmers to make use of locally available resources and to get sustainable yields. Dr. Masthana Reddy and Dr. Guruprasad, scientists from UAS, Raichur taught



Sri. Hampanagowda Badarli, Hon'ble MLA, Sindhanur inaugurated the Organic Week on 26-9-2014 at Sindhanur. Dr. B.M. Chittapur, Sri. S.M. Sidda Reddy, Dr. Sathyanarayana Rao, Dr. Masthana Reddy, Dr. Guruprasad, Sri. T.C. Devaraj, Yaddala Mahalinga Shivamagi and Dr. Jayaprakash participated.

on the adoption of latest technologies on Paddy Cultivation in order to get higher yields. Dr. T.C. Devaraja from KSDA Bangalore explained the importance of certification of organic products to the farmers.

The programme was attended by Yaddala Doddi Mahalinga Shivamagi, Dr. S.V. Patil, Organic Farming, Farmer Made Gowda and Dr. Jayaprakash, ADA. Around 200 farmers participated from the taluk. In order to introduce the organic farming practices among school children, an Essay Competition was organized and a certificate of merit was issued to the students from MLA Shri. Hampanagowda Badarli. Sri. Bheema Rao Deshpande, extended the warm welcome and Sri. Shirola, Office bearer of IAT Raichur chapter proposed the vote of thanks.

## **Training Programme on Cultivation of Rabi Jawar**

The IAT Chapter in collaboration with the Department of Agriculture, UAS, Raichur, NABARD Raichur and Sajjalasri an NGO organized a training programme on cultivation of Rabi Jowar by adopting organic farming at Paidoddi village of Lingasugur taluk on 29-9-2014. Sri. Manappa Vajjala, MLA from Lingasugur while inaugurating the programme requested the farmers to go for organic farming in order to get higher yields in





Sri. Manappa Vajjal, Hon'ble MLA inaugurated Organic Week on 29-9-2014 at Paidoddi village in Lingasugur. Sri. Narayana Rao, Dr. Upperi, Sri. S.M. Sidda Reddy, TPS President and Seemanth participated.

Rabi Jowar and minor millets, since there is lot of scope for growing these crops in this region. Sri. S.M. Sidda Reddy, President, IAT Raichur stressed the farmers to follow the techniques used by our forefathers. He also stressed on formation of Raitha Shakthi Groups in order to get the organic certification for their horticultural produce. Sri. Narayana Rao, Manager, NABARD, Raichur informed the farmers the various facilities that are available to farmers from NABARD. Dr. Upperi, Extension leader, UAS, Raichur taught the farmers on various organic inputs. The programme was attended by around 150 men and women farmers besides President, TPS, Seemanth from Guragunta Samsthana and dignitaries from other taluks.

## SHIMOGA

### Seminar on Krishi Vichara Sankirna

The chapter in collaboration with the Department of Agriculture and University of Agricultural and Horticultural Sciences(UAHS), Shimoga organized one day seminar on "Krishi Vichaara Sankirna" on 22-8-2014 at KVK, Shimoga. The seminar was presided over by Dr. K. Madhusudan, JDA Shimoga and President,



A seminar on Krishi Vichara Sankirna was organized on 22-8-2014 at KVK, Shimoga. Dr. Vasudevappa, VC, UAHS, Shimoga inaugurated. Dr. K. Madhusudan, Dr. K.C. Shashidhar, Dr. B.C. Dhananjaya, Dr. Maruti and staff of Agriculture department participated.

IAT Regional Chapter on this occasion. Dr. K.C. Shashidhar, Professor of Agricultural Engineering and Vice President, IAT, Shimoga delivered a lecture on "Energy in Agriculture Challenges & Opportunities". Dr. Vasudevappa, Vice Chancellor, UAHS, Shimoga while addressing the gathering requested the participants to utilize IAT as a forum to discuss various issues related to the Development of Agriculture in the district and assured all necessary support from UAHS, Shimoga. The officers from the Department of Agriculture, Scientists from UAHS and office bearers from the chapter participated in the meeting. Dr. B.C. Dhananjaya extended warm welcome; while Dr. Maruthi proposed the vote of thanks.

### Visit of Vice President IAT, Bangalore to Shimoga Chapter

The M.C. meeting of the chapter was held on 1st September 2014 under the Chairmanship of Dr. K. Madhusudan, President, IAT Chapter, Shimoga.



Dr. D. Rajagopal, Vice President, IAT Bangalore addressed the members of Managing Committee of IAT Shimoga

Dr. D. Rajagopal, Vice President, IAT Bangalore and Member, Board of Management, UAS, Dharwad visited UAHS Shimoga and also participated in the meeting organized by the local chapter of IAT. He addressed the IATians to organize various training programmes for the benefit of farmers and also to conduct activities like Animal Health Camps, Krishi Ankura programmes, Lectures on Knowledge Enhancement, Ecology and Environment, Pests and disease management of various crops in this region and organizing Cultural programme for IAT members and their families. He also suggested the IATians to have their own building to carry out all the activities as independent body. The M.C. discussed on procurement of site for the chapter either in the premises of JDA's office or in UAHS campus. The M.C. also discussed on outsourcing of Agriculture Diploma holders, graduates for the schemes ATMA, NFSM etc. through IAT Bangalore.





## AWARDS / HONOURS / ABROAD VISITS



Dr. Shamarao Jahagirdar, Principal Scientist (Plant Pathology) AICRP on Soybean, UAS, Dharwad bagged “Best Session Research Paper Award” for his research paper on Soybean Pathology presented at International Conference on Chemical, Biological and Biotechnological Engineering held at Dubai, United Arab Emirates(UAE) during 17th & 18th March 2014. The award was presented by Prof. Unzil from Turkey.

Dr. Shamarao Jahagirdar also participated in the First International Agricultural Research Symposium held at Colombo, Srilanka during 11th and 12th August, 2014 and presented a research paper on Soybean Pathology.



Dr. P. Ramana Gowda, Professor of Agronomy(Rtd.), UAS, Bangalore and International Consultant, Cameroon presented a paper entitled “Wholistic drainage treatment for reclamation for water logged areas in Karnataka, India” on 12th International drainage congress, St.Petersburg, Russia held during 20th – 24th June 2014. The Co-authors of the paper Dr. N. Krishnamurthy & Ms. Sowmyalatha of UAS, Bangalore.



Dr. V. Nache Gowda, Dean, College of Horticulture, Tamaka, Kolar presented a paper entitled “Nutrient Status of Mango Varieties – grown on Nekkere Root stock” during “World Mango Conference and Exhibition” held at the Islamia University, Bhawalpur, Pakistan during 24th and 25th June 2014. He also chaired a session on “Crop Improvement and Propagation of Mango during the conference.



Dr. Sharanappa Janagandi, Associate Professor of Agricultural Engineering, Zonal Agricultural and Horticultural Research Station, Babbur Farm, Hiriyyur and M.C. member IAT Regional Chapter, Chitradurga participated in “12th International Conference on Precision Agriculture” organized by International Society Precision Agriculture California State, USA, during 20th and

25th July 2014. He also presented a research paper entitled “Precision nutrient management for enhancing the yield of groundnut in peninsular India”.



Dr. K.P. Suresh Naik, Research Scholar, Department of Agronomy, UAS, GKVK, Bangalore and an IATian presented a paper entitled “Effect of Farm yard manure and Biodigester Liquid Manure on growth, yields and microbial population of Rainfed Maize” at First SLCARP International Research Symposium held during 11th and 12th August, 2014 at Colombo, Srilanka.



Dr. Y. Vishwanath Shetty, Associate Director of Research (HQ), UAHS, Shimoga and an IATian presented a paper on “Effect of Different Organic Manures with Inorganic Fertilizers on Yield of Maize” and uptake of macro and secondary nutrients” at Colombo, Srilanka during 11th and 12th August 2014 at the International Symposium organized by Srilanka Council for Agricultural Research Symposium 2014.



Dr. D. Joseph Bagyaraj, Sr.Scientist and Chairman, Centre for National Biological Resources and Community Development (CNBRCD), Bangalore has been nominated as a Task Force Member of Global Soil Partnership (GSP) to contribute towards sustainable soil management using micro organisms. European Commission (E.C.) Brussels has decided to bringout a “Global Atlas of soil Biodiversity” in which he has been invited to contribute on “Mycorrhizal Fungi”.



Dr. C.M. Rafee, Scientist (Entomology), ARS, Annigeri has been awarded with “Fellow of International Benevolent Research Forum” at Nagpur for 2014-15. The award conferred for his outstanding contributions in the field of Agricultural Entomology for the benefit of Farming Community. The fellowship comprises a certificate, medal with IBRF logo.





Dr. J.V. Narayana Gowda, Professor of Horticulture (Retd) UAS, GKVK is the recipient of following awards from different organizations such as Karnataka 'Samaja Ratna Award' from Viswamanava Charitable Trust and Snehabalaga Kalavidaru, 'Nada-

bhushana Award' from Karnataka Sahrudaya Seva Pratistana, 'Rajkumar Suvarna Ratna Award' from Suvarna Karnataka, Dalitha Kannada Sangha, 'Karnataka Vikasa Ratna' Award from Kalanavaranga Organisation, 'Rashtrakavi Kuvempu Award' from Suvarna Karnataka Samaja Seva Trust and 'Kalpavruksha Award' from 'Sri Gurusayi Cultural Organisation, Bangalore



Dr. Ashok S. Sajjan, Professor of Seed Science and Technology, College of Agriculture, Bijapur and Secretary, IAT Regional Chapter Bijapur participated in Crop Seeds Technology International Training course at WoHan, Hubei, China held between 18th August to 6th

September 2014. He was taught on Chinese Seed Industry, recent advances in Seed Production, processing, Seed treatment and Storage. The programme was sponsored by Hubai Provincial Seed Group Co. Ltd., and the Ministry of Science and Technology of the Peoples Republic of China.



Dr. P. Margoob Hussain. Former Professor. UASB & MC member. IAT was felicitated by KMF Chairman P. Nagaraju & Raju, Ex. MLA at Avverahalli on 29th Sept. 2014 for his valuable

contributions towards Animal Husbandry and Veterinary Services in Karnataka. He was also recipient of Lions DG's Appreciation award 2013-14 and felicitated by District Governor at Dreamland Resort. Nelamangala for best Veterinary Services.

***IAT congratulates all the technocrats for their achievements and wished them to get many more such opportunities.***

## OBITUARY

IAT mourns the death of following technocrats

1. K. Shivappa, Joint Director of Agriculture(Retd.) Hassan.
2. Dr. T.S. Gowramma, Professor of Home Science (Retd.), UAS, Bangalore
3. P.S. Hanumantha Rao, ADA (Retd.), KSDA, Bangalore
4. M.S. Janardhan, A.O. (Retd.), KSDA, Bangalore

### THE IATIANS ARE REQUESTED TO KINDLY INTIMATE THE FOLLOWING

- 1) Their latest postal address if there is any change.
- 2) Latest telephone numbers both landline and mobile.
- 3) Their e-mail address.
- 4) Their willingness to serve as a Resource person with his / her field of specialization to impart training and to work in consultancy services.

**The life membership of IAT as on the end of  
September 2014 is 4003**



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