

**Hon'ble Dr. Mangala Rai  
Secretary, DARE & DG, ICAR, New Delhi VISITS NRCAF**

Hon'ble Dr. Mangala Rai, Secretary, DARE & DG, ICAR, New Delhi visited NRCAF on 1<sup>st</sup> August, 2009. During his brief visit, Dr. Rai took keen interest in on going research activities during the visits of experimental farm of the Centre. He appreciated the research work being done by the Centre, particularly in the field of biofuels. He appreciateid tree improvement work on Jatropha particularly hybrids development. He emphasized that much variability is present in the nature in case of Jatropha and other TBOs and encouraged the scientists to harness it through breeding and biotechology. He also planted a sapling and visited the office premises. Later, he discussed about various contemporary issues in the field of agriculture in general and agroforestry in particular with the scientists of the Centre and emphasized the relevance of agroforestry in the light of future apportunities and challenges. He also discussed the current distress in Bundelkhand region due to monsoon failure and solutions thereof. He emphasized the importance and need of water resource development, conservation and efficient utilization of natural resource to tackle the problems of the region. He was shown a short film on the Garhkundar-dabar Watershed being developed by the

Centre and greatly impressed with it and called for replication of this model for whole of the drought prone Bundekhand region.

Later on, in the afternoon, he inaugurated the new auditorium building at the IGFR, campus and addressed a joint meeting of the NRCAF and IGFR Staff.

**Forthcoming Events**

1. Training for NGO partners of Indo- German Watershed Development Programme, Udaipur
2. IMC Meeting
3. Institute Joint Staff Council meeting
4. Women Cell's meeting

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**cSBd**

**Issue Highlights**

- Visit of Secretary, DARE & DG, ICAR, New Delhi
- jktHkk"kk dk;kZUo;u lfefr dh cSBd
- Annual Workshop of AICRPAF
- Training Programme under NAIP

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vk;kstu fd;k tk,A izfr;ksfxrkvksa dks IQy cukus gsrq funs"kd egksn; }kjk izR;sd izfr;ksfxrk ds fy, vyx&vyx fu.kkZ;d e.My dk xBu fd;k x;kA izfrHkkfx;ksa dks izksRlkgu nssus gsrq iqjLdkjksa dk Hkh izko/kku j[kk x;kA bls lkFk gh ;g Hkh fu.kZ; fy;k x;k fd iz"kklfud oxZ ls tks vf/kdkjh ,oa deZpkjh vius fiNys ,d lky ds dk;Zdky esa 20]000 ;k mlls vf/kd 'kCn fgUnh esa fy[ksa gks rks mudkss izFke iqjLdkj :- 1000@&] f}rh; iqjLdkj :- 600@& rFkk r`rh; iqjLdkj :- 300@& fn;k tk, ftlls os izksRlkfgr gksdj viuk ljdkjh dkedkt vf/kd ls vf/kd fgUnh esa djasA bls ewY;kadu ds fy, funs"kd egksn; }kjk ,d lfefr dk xBu fd;k x;k tks fd dk;ksZ dk ewY;kadu dj viuh fjiksVZ izHkkjh vf/kdkjh fgUnh izdks"B dks izLrqr djsaxhA

#### **ANNUAL WORKSHOP OF ALL INDIA COORDINATED RESEARCH PROJECT ON AGROFORESTRY**

Annual Workshop of All India Coordinated Research Project on Agroforestry (AICRPAF) was held during 4<sup>th</sup> to 6<sup>th</sup> July, 2009 at PDKV, COA, Nagpur. Dr. S.K. Dhyani, Director & Coordinator of the project organized this group meeting. Dr. A. K. Gogoi, ADG (Agron./AF), KAB-II, ICAR, New Delhi, was the Chief Guest and Dr. V.M. Mayande, Vice Chancellor of PDKV, Akola presided during inaugural function. Dr. Bangali Baboo, Director, IINRG, Ranchi; Dr. A. K. Mandal, Director, TFRI, Jabalpur; Dr. V. P. Singh, Regional Representative South Asia Centre of ICRAF and Dr. K. R. Solanki and Dr. P. S. Pathak, Ex. ADGs (AF), ICAR, New Delhi were the special invitees. Scientists from 25 SAUs and two ICAR institute participated in the workshop. Besides inaugural and plenary session seven technical sessions were held.

#### **TRAINING PROGRAMME UNDER NAIP FOR NEH REGION**

Centre organized a Training Programme on "Recent Advances in Agroforestry Interventions for Optimum Rehabilitation of Wastelands" under NAIP for the scientist from NEH region from 14<sup>th</sup> to 20<sup>th</sup> July, 2009. In this training 15 Scientists, Officers, Research Associates from ICAR, NGOs and state departments from NEH region participated.

### **fgUnh lIrkG**

#### **¼14&22 flrEcj] 2009½**

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**fnukad 15 flrEcj 2009** dks dsUnz esa okn&fookn izfr;ksfxrk dk vk;kstu fd;k x;k ftldk 'kh"KZd ^^orZeku f"K{kk iz.kkyh esa lq/kkj&xq.k vFkok nks'k\*\* Fkk] ftleass dsUnz ds oSKkfudksa] vf/kdkfj;ksa ,oa deZpkfj;ksa us Hkkx fy;kA bl izfr;ksfxrk esa Mk- cnz vkye izFke] Mk- jktsUnz izlkn f}rh;] Jh egsUnz dqekj lforK ,oa Mk vkj-ih- f}osnh r`rh; LFkkU ij jgsA **fnukad 16 flrEcj 2009** dks fucU/k izfr;ksfxrk dk vk;kstu fd;k x;k ftldk 'kh"KZd ^^lw[ks dh leL;k ,oa **funku\*\*** FkkA bl izfr;ksfxrk esa dsUnz ds vf/kdkfj;ksa ,oa deZpkfj;ksa us Hkkx fy;kA Mk- jes"K flag dks izFke] dq- jf"e flag dks f}rh; rFkk Jh f"koiky flag pkSgku dks r`rh; iqjLdkj iznku fd;k x;kA **fnukad 17 flrEcj 2009** dks dsUnz ds rduhdh ,oa iz"kklfud Js.kh ds vf/kdkfj;ksa ,oa deZpkfj;ksa ds fy, lqys[k izfr;ksfxrk dk vk;kstu fd;k x;k A blesa Mk- lh- ds- cktis;h dks izFke] Jh egsUnz dqekj dks f}rh; ,oa Jh jktsUnz flag dks r`rh; iqjLdkj nsus gsrq fu.kkZ;d e.My }kjk p;u fd;k x;kA bls ckn beyk izfr;ksfxrk dk vk;kstu fd;k x;k ftlesa dsUnz ds rduhdh Js.kh ,oa iz"kklfud Js.kh ds vf/kdkfj;ksa ,oa deZpkfj;ksa us Hkkx fy;kA bl izfr;ksfxrk esa Jh gwcyky dks izFke] Mk- lh- ds- cktis;h dks f}rh; rFkk Jh fcUukeh flag dks r`rh; iqjLdkj iznku fd;k x;kA **fnukad 18 flrEcj 2009** dks prqFkZ Js.kh deZpkfj;ksa ds fy, lkekU; Kku izfr;ksfxrk vk;ksftr dh xbZ ftlesa Jh vrj flag izFke] Jh dkerk izlkn f}rh; rFkk Jh izeksn dqekj r`rh; jgsA **fnukad 19 flrEcj 2009** dks vuqokn izfr;ksfxrk dk vk;kstu fd;k x;k ftlesa iz"kklfud "kCnksa dk vaxzsth Is fgUnh eass vuqokn djuk FkkA bl izfr;ksfxrk eas rduhdh vf/kdkjh ,oa iz"kklfud Js.kh ds yksx mifLFkr FksA ftleas Jh ;w-ih- flag izFke] Jh jktsUnz flag f}rh; ,oa Mk- lh- ds- cktis;h r`rh; jgsA bls ckn vfgUnh Hkk"kh {ks=ksa ds fy, Hkh vuqokn izfr;ksfxrk lEiUu dh xbZ ftlesa Mk- ,- nRrk izFke ,oa Mk- cnz vkye f}rh; rFkk Mk- ,- osadVs"K dks r`rh; iqjLdkj fn;k x;k A **fnukad 22 flrEcj 2009** dks oSKkfudksa dk 'kks/k&Ik= ¼iksLVj½ izfr;ksfxrk dk

vk;kstu fd;k x;kA ftlesa dsUnz ds oSKkfudksa us vius 'kks/k i= ¼iksLVj½ dk izn"kZu fd;k x;kA fu.kkZ;d e.My }kjk 'kks/k&Ik= dk xgu v/;;u dj rhu 'kks/k&Ik= dks izFke] f}rh; ,oa r`rh; iqjLdkj nsus gsrq ? kks"kk dh xbZA bl izfr;ksfxrk esa Mk- vkj-,p- fjtOh ,oa vU; dks izFke] Mk- cnzs vkye ,oa vU; dks f}rh; ,oa Mk- ,l-ih- vgykor ,oa vU; dks r`rh; iqjLdkj iznku fd;k x;kA bl ds mijkUr dfork izfr;ksfxrk dk vk;kstu fd;k x;k ftlesa Mk- lh- ds- cktis;h izFke] Mk- jktsUnz izlkn] f}rh; ,oa Jh ;w-ih- flag] r`rh; LFkku ij jgsA fiNys ,d lky ds dk;Zdky esa 20]000 ;k mlls vf/kd 'kCn fgUnh esa fy[kus ds fy, Jh chjsUnz flag dks izFke] Jherh dkS"ky;k nsOh dks f}rh; ,oa Jh gwcyky dks r`rh; iqjLdkj fn;k x;kA

**fnukad 22 flrEcj 2009** dks fgUnh lIrkG dk lekiu lekjksg dsUnz funs"kd dh v/;{krk esa lEiUu gqvkA dk;Zdze ds fof"k'B vfrfFk Jh thou yky ik.Ms;] Isokfuo`Rr mi funs"kd (jktHkk'kk) x`g ea=ky;] Hkkjr ljdkj] ubZ fnYyh FksA bl nkSjku bl dsUnz }kjk izdkf"kr jktHkk'kk if=dk **^d`f'kokfudh vkyksd\*\*** ds r`rh; vad dk foekspu fof"k'B vfrfFk }kjk fd;k x;kA bl volj ij fof"k'B vfrfFk }kjk izfr;ksfxrk esa fot;h izfrHkkfx;ksa dks iqjLdkj Hkh forfjr fd;k x;kA v/;{krk djrs gq, dsUnz funs"kd }kjk crk;k x;k fd ftl rjg ls d`f'kokfudh vkyksd ds igys ,oa nqljs vad dks ns"k ds fofHkUu Hkkxksa esa ljkGk x;k] mEehn gS fd ;g vad Hkh ikBdksa ds fy, mi;ksxh lkfcr gksxk vkSj mUgksus lHkh ls vkg~oku fd;k fd gesa Hkkjr ljdkj ds vkns"kkksa dk ikyu djrs gq, viuk ljdkjh dkedkt vf/kd ls vf/kd fgUnh esa djus dk iz;kl djuk pkfg,A mUgksus ;g Hkh dgk fd fgUnh lIrkG ds volj ij ge lc ;g iz.k djsa fd jktHkk"kk fgUnh ds izfr ge vius laoS/kkfud mRrjnkf;Ro dks iwjk djus esa dksbZ dlj ugha NksM+sxsA

## VISIT ABROAD

Dr. A K. Handa, Sr. Scientist participated in the "2<sup>nd</sup> World Agroforestry Congress" and presented a paper entitled "*Pongamia pinnata* propagation through vegetative means" from 23<sup>rd</sup> to 28<sup>th</sup> August, 2009 held at Nairobi, Kenya.

## HUMAN RESOURCE DEVELOPMENT

- Dr. Rajendra Prasad, Dr. Sunil Kumar, Pr. Scientists; Dr. S P Ahlawat, Sr. Scientist; Dr. R P Dwivedi, Sr. Scientist; Dr. A K Handa, Sr. Scientist; Dr. R V Kumar, Sr. Scientist; Dr. A Venketesh, Sr. Scientist Dr. P. Ratha Krishnan, Scientist participated in the Annual Workshop of AICRPAF from 4<sup>th</sup> to 6<sup>th</sup> July, 2009 held at College of Agriculture, Nagpur (Maharashtra).
- Dr. Sunil Kumar, Pr. Scientist participated in a five days training on "Trainer

Development Programme on RTI” from 6<sup>th</sup> to 10<sup>th</sup> July, 2009 organized by ISTM, New Delhi.

- Dr. (Er.)Ramesh Singh, Sr. Scientist and Dr. R. H. Rizvi, Scientist (Sr. Scale) attended Short Course on "GIS for Landscape Analysis" jointly organized by the University of Florida, USA and the International Crops Research Institute for the Semi-Arid Tropics, Hyderabad during 27<sup>th</sup> to 31<sup>st</sup> July, 2009 held at ICRISAT, Hyderabad (A.P.).
- Dr. R. S. Yadav, Sr. Scientist participated in the Capacity Building Training Programme on “Common Guidelines 2008 for Watershed Development Project” from 4<sup>th</sup> to 10<sup>th</sup> August, 2009 held at CRIDA, Hyderabad (A.P.).
- Dr. R.P. Dwivedi, Sr. Scientist participated in Workshop on “Project Prioritization, Monitoring and Evaluation (PME)” from 31<sup>st</sup> August to 5<sup>th</sup> September, 2009 held at NAARM, Hyderabad (A.P.).
- Dr. P. Ratha Krishnan, Scientist (Forestry) participated in the National Seminar on “ICT for Agriculture & Rural Development” from 9<sup>th</sup> to 11<sup>th</sup> September, 2009 held at College of Horticulture & Forestry, Central Agricultural University, Pasighat (Arunachal Pradesh).
- Dr. R. K. Tewari, Pr. Scientist; Dr. A K. Handa, Dr. R.S. Yadav, Sr. Scientists and Dr. P. Ratha Krishnan, Scientist participated in the National Conference on “Food and Environmental Security through Resource Conservation in Central India: Challenges and Opportunities” from 16<sup>th</sup> to 18<sup>th</sup> September, 2009 held at Regional Research Centre of CSWCR&TI, Agra (U.P.).

#### **INSTITUTE JOINT STAFF COUNCIL**

The Director has constituted new Institute Joint Staff Council (IJSC) for the period 2009-12 at the Centre.

<b>President : Dr. S. K. Dhyani (Director)</b>		
<b>Vice President : Shri Munna Ram, Principal Scientist</b>		
<b>Staff Side</b>		<b>Office Side</b>
<b>Category</b>	<b>Name and Designation of the Govt. Servant</b>	<b>Name and Designation of the Govt. Servant</b>
Administrative	Sh. Mahendra Kumar Senior Clerk - <b>Secretary IJSC</b>	Sh. S.P.S. Negi - <b>Member Secretary IJSC</b> Asstt. Admn. Officer
	Shri K. P. Sharma, Assistant -Member <b>CJSC</b>	Sh. S.B. Sharma, AF&AO- Member IJSC
Technical	Sh. Ram Bahadur, T-4 Sr. Technical Assistant - Member IJSC	Dr. R.K. Tewari, Principal Scientist- Member IJSC
	Sh. Kashi Ram, T-2, Member IJSC (Driver)	Sh. B. Singh, Head of Office-Member IJSC
Supporting	Sh. Attar Singh, S.S. Gr. IV- Member IJSC	Smt. Uma, T-6 (Tech. Officer) - Member IJSC
	Sh. Ram Singh, S.S. Gr. I - Member IJSC	Shri R.K. Singh, T-5 (Tech. Officer) - Member IJSC

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ckjl "kh?kz o/kZu"khy] cgqo'khZ; ,oa cgqewY; dk'Bh; ikS/kk gS] ;g ,d cgqr egRoiw.kZ izkd`frd lalk/ku gS] ftldh xzkeh.k thou rFkk xzkeh.k m|ksxksa esa egRoiw.kZ Hkwfedk gSA ;g gjk lksuk cgqr lLrk vkSj cgqrk;r esa gS] tks ekuo vkcknh dh cgqr lkjh t:jrsa iwjh djrk gSA bls xjhc vkneh dh ydM+h Hkh dgrs gSaA ;g e`nk rFkk ty laj{k.k esa egRoiw.kZ Hkwfedk fuHkkirk gSA ckWal eq[; :i ls izkd`frd taxyksa esa lg;ksxh iztkfr dh rjg rFkk f}rh;d taxyksa esa izeq[k iztkfr ds :i esa ik;k tkrk gSA ckWI {kh.k taxyksa ds iquZ}kj rFkk HkwL[kyu] ck<+ vkSj e`nk teko lfgr vU; Hkwfe laj{k.k gsrq vR;/f/kd vuqdwy gSA dkcZu laxzg.k xq.k ds dkj.k ;g tyok;q ifjoZru dks de dj ldrk gSA ckWal ydM+h dk vPNk LFkkukiUu gSA leqnz lrg ls 770&1]080 ds e/; dh mWapkbZ budh mit ds fy, lcls T;knk vuqdwy gksrh gS 1]200 eh0eh0 ls 4]000 eh0eh0 ds e/; izfro"kZ ckfj'k rFkk 16<sup>0</sup> lsaVhxzsM ls 38<sup>0</sup> lsaVhxzsM rkieku ckWal dh mit ds fy, vuqdwy gksrk gSA

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;g v/;;u jk'V<sup>a</sup>h; d`f'kokfudh vuqla/kku dsUnz >kj|h ds vuqla/kku QkeZ ij fd;k x;k ftlesa ckjl dh MsUM<sup>a</sup>zksdSysel fLV<sup>a</sup>zDVI çtkfr dks nks fHkUu varjky 10x10 eh- ,oa 12x10 eh- ij 2 flrEcj] 2007 dkssa jksfir fd;k x;kA ijh{k.k {ks= dh e`nk yky dkyh gS ftldh ih-,p- 6-54] fo|qr pkydrk 0-180 Mh ,l ,e<sup>&1</sup>]miyC/k u=tu 213 fdyks@gsDVsvj] miyC/k QkWlQksjl 528 fdyks@gsDVsvj ,oa miyC/k iksVsf`k;e 185 fdyks@gsDVsvj gSA ijh{k.k {ks= tks fd vIykfor ty ç.kkyh ls flafpr gS rFkk blesa 150 fdyks@gsDVsvj dh nj ls QkWlQksjl dks Mh , ih ds #i ds fn;k x;kA ifj{k.k okys [ksr esa pus dh fdLe lezkV ¼2007½ ,oa fo`kky ¼2008½ dks vUr`kL; Qly ds #i es fy;k x;kA

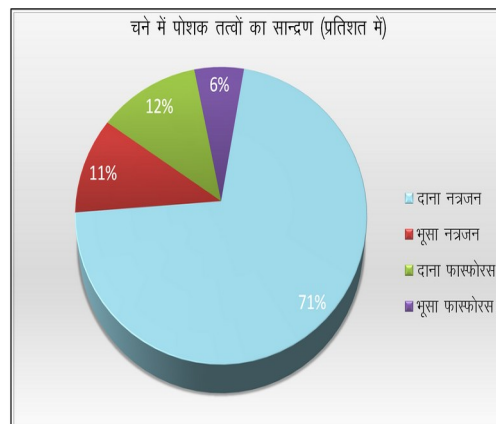
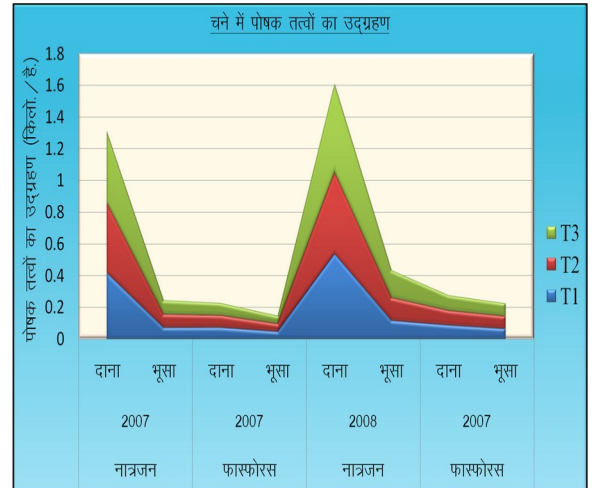
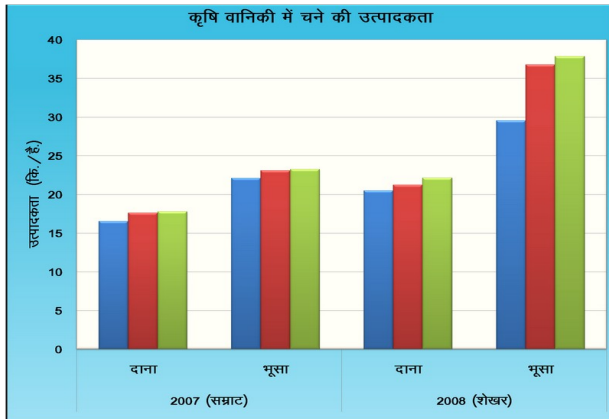
nwjh ds lkis{k pus dk mRiknu 10x10 eh ] dh rgyuk esa 12x10 eh ] ds vUrjky esa vf/kd ik;k x;k tcfD fo`kq) Qly dh rgyuk esa 10x10 eh] 7-13% ,oa 12x10 eh ]esa 1-12% dh deh ik;h x;hA Hkwls ds mRiknu esa dUV<sup>a</sup>ksy dh rgyuk esa 10x10 eh] esa 4-9% ,oa 12x10 eh] esa 0-73% dh fxjkoV ntZ dh x;hA vo;oksa ds vk/kkj ij nkus esa iks`kd rRoksa dh ek=k Hkwls dh rgyuk esa T;knk ik;h x;hA u=tu ,oa QkWlQksjl dh lkanzrk 2-52%] 0.434% ,oa Hkwls esa 0.3808% 0.214% dze`k% ik;s x;sA u=tu ,oa QkWlQksjl dk mnxzg.k iks`kd rRoksa dh iyC/krk ds vuqlkj gh nkus esa vf/kd ik;k x;kA iks`kd rRoksa dk mnxzg.k dk vojksgh dze fuEu gS fo`kq) Qly > 12x10 > 10x10.

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çLrqr v/;;u ds fy;s foRrh; lgk;rk ßjk'V<sup>a</sup>h; ck;l fe''kuß ds }kjk çnku dh x;h ftlds fy;s çFke ys[kd vkHkkjh gS A

**,l-ih- vgykor] vkj- ,l- ;kno] xfjek xqIrk] vkj-oh- dqekj ,oa ,l- ds ;kuh]**

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dh ,d Vhe dks ekSds ij HkstkA ou foHkkx dh Vhe us vtxj dh  
yEckbZ 12 QqV crkbA blds ckjs esa yksxks dks tkudkj nh fd  
fcuk tgj okyk vtxj NksVs tkuojksa] pwgks] fcYyh] [k]xks" k  
cdjh vkfn dk f"kd kj djrk gSA ;g bl {ks= esa cgqr de ik;k tkrk  
gSA ;g ^ikbZFku jsVhdqyl^ iztkfr ls lacfU/kr gS A bldk fuokl  
Hkh fNrjs ou esa gksrk gSaA tgkW ij de ?kuRo okys isM  
gksrs gSa blh rjg dh ,d ?kVuk fuokMh ds ikl ds ,d xkWao es  
Hkh gqbZ] tgkWa ij vtxj us uhy xk; ds cPps dks fuxy fy;kA ;g ?  
kVuk,sa n"kkZrh gS fd izkd`frd lalk/kuks fo"ks'kr;k% ouks ij  
c<rs ncko ds dkj.k oU; izk.kh vius LokHkkfod {ks= ls ckgj vk  
jgs gSA blls budh Lkqj{kk ds lkFk&lkFk euq';ks dh lqj{kk ij  
Hkh ,d cMk iz"u fpUg yx x;k gSA

## **INFRASTRUCTURE**

### **Tractor Mounted Tropicultor**

Tractor Mounted Tropicultor was successfully demonstrated on 26<sup>th</sup> August, 2009 at the Centre. It is a multipurpose tool carrier used with various implements attachments for all agricultural operations as mentioned below:

- Primary and off-season tillage
- Cultivator operation
- Blade harrowing
- Making Ridge & Furrow (RF) Broad bed and Furrow(BBF)
- Sowing, Fertilizer and seed covering operation
- Inter-row cultivation
- Harvesting operations
- Cart for transportation

### **BER BUDDING TRAINING PROGRAMME**

Ber Budding programme was organized at village Shivrampur, Block Newari of Distt. Tikamgarh (M.P.) on 17<sup>th</sup> August, 2009 and 27 farmers participated in the training.

### **PME MEETING**

PME meeting was held on 15<sup>th</sup> September, 2009. All the Scientists participated in the meeting.

### **ENGINEER DAY OBSERVED**

Centre observed Engineer's Day (Shri Vishkarma Jayanti) on 17<sup>th</sup> September, 2009 at

the Farm Workshop.

### **WOMEN CELL**

Women Cell meetings was held on 23<sup>rd</sup> September, 2009 at NRCAF Jhansi.

### **SEMINARS DELIVERED**

<b>S. No.</b>	<b>Seminar Topics</b>	<b>Name of the Speaker</b>	<b>Date</b>
1	Awareness Lecture on RTI	Dr. Sunil Kumar, Pr. Scientist	29.08.2009
2	Presentation on the participation in the 2 <sup>nd</sup> World Agroforestry Congress” held at Nairobi, Kenya from 23 <sup>rd</sup> to 28 <sup>th</sup> August, 2009	Dr. A K. Handa, Sr. Scientist	15.09.2009

### **DIRECTOR’S VISITS AS PROJECT COORDINATOR, AICRPAF**

- AICRPAF Centre at PDKV, COA, Nagpur from 4<sup>th</sup> to 6<sup>th</sup> July, 2009.

### **VISITORS**

- Hon’ble Dr. Mangala Rai, Secretary, DARE & DG, ICAR, New Delhi
- Dr. Nagendra Sharma, Ex. Vice Chancellor, SKUAST,Jammu(J&K)
- Prof. P. Attri, Vice Chancellor, Bundelkhand University, Jhansi.