President visits CPRS Kufri

His Excellency Dr. APJ Abdul Kalam, President of India visited Central Potato Research Station, Kufri on 22nd December 2004. Dr. Kalam was on a two day visit of Himachal Pradesh on the invitation of the Govt. of Himachal Pradesh. He specially desired to see CPRI Station at Kufri and have interaction with the scientists. The President was scheduled to pay visit of CPRS, Kufri at 4:00 PM but due to foggy weather at Delhi his aircraft could not take off from Delhi as per schedule. Prior to visit of CPRS he paid a visit of HP Agricultural University at Palampur, IHBT Palampur and pusa village Sarog in Shimla district. State administration had almost finalized to cancel the Kufri visit of Dr. APJ Abdul Kalam due to cold and frost at Kufri after 6:00 PM but Dr. Kalam himself insisted not to cancel the visit and came to CPRS Kufri at 7:15 PM in near zero temperature at Kufri farm at 8500 ft. above msl accompanied by Sh. Singh Ram, Horticulture Minister of Himachal Pradesh. The President had spent more than one hour at CPRS, Kufri. He was greeted by the Director CPRI, Dr. BP Singh, and Dr. KR Dhiman, Head of Kufri Station with flower bouquets. His Excellency planted a sapling of Chinar at the Kufri Farm, saw the exhibition on potato R&D and had interactions with the scientists while visiting exhibition. Dr. BP Singh, Director, CPRI made a presentation about potato research and development in the country and Himachal Pradesh. Dr. Kalam in his address to the gathering urged up on the scientists to develop seed to match with the soil. He warned of water scarcity in coming years, reduction in cultivable land and advised to use biotechnological tools to increase productivity, and develop pest resistance varieties. Besides increasing production by using newer techniques such as biotechnology and nanotechnology, he stressed the need of value addition and proper marketing of the produces specially potato. Dr. Kalam then encouraged the gathering to ask questions. After some hesitations the scientists of the Institute asked questions to the President which he brilliantly answered. It was a lively question-answer session. Dr. Kalam then recited a poem written by him which message was to broaden the mind, keep harmony at home which ultimately leads to world peace. He then asked the gathering to repeat the lines of poem with him as a pledge.

(contd. page 3)
Field activities under IVLP

Farm trials of improved variety of wheat “Shivalik” at 60 farmers’ plots in Rampuri and Baghi Panchayat of Shimla district were conducted. Farm trials of wheat + pea intercrop were also conducted at 20 farmers’ pots in which seeds of “Arket” variety of pea were supplied to the farmers. Besides, data were collected regarding the trials conducted on disease and insect-pest management in tomato, ginger, brinjal and guava.

CIP to promote TPS in Nagaland

International Potato Centre (CIP) Regional Office, New Delhi has opened its office at SASRD Nagaland University which is aimed at potato development in Nagaland through True Potato Seeds (TPS)

(Source: Agril. Deptt. Nagaland Newsletter)

Rubber rollers type potato grader

A rubber rollers type of potato grader developed at Central Potato Research Institute, Shimla (HP) can grade six tonne of potatoes in an hour into six categories of grades viz. less than 10 grams, 10-25 g, 25-50 gm, 50-75 gm, 75-100 gm & more than 100 grams with almost negligible bruising. However the grades having different limits (in the range from 10 to 100 grams) can be obtained by adjusting the gap between the revolving shafts. The prototype consists mainly of mainframe, grading rollers, conveyor belt and power transmission system. Hollow rubber rollers having square hole in the centre mounted on the square shafts constitute the grading mechanism of the prototype. These shafts (16 in numbers) with rubber rollers, rotate about their own axis in the same direction thereby conveying forward the tuber material received on them. The potatoes after getting dropped according to size and shape through the gap between corresponding adjacent shafts, roll over the collection chutes and are collected in gunny bags as the graded tuber material. A rubberized conveyor belt has been provided for uniform potato feeding to the grading unit. Power transmission system of the grader included a 2 HP electric motor and a reduction gear box with speed ratio of 15:1. Twelve persons were engaged for feeding and shifting of the graded tubers in gunny bags. The grader was found suitable for grading freshly harvested tuber after curing them in heaps for a period of about three weeks after digging.

CPRI develops INFOCROP-POTATO: A crop growth and yield model

The northern Indo-Gangetic plain is the major potato growing region where it is grown in the autumn season. This spatial and temporal concentration of potato leads to problems of disposal at harvest time when production is high. On the other hand its price becomes prohibitively high when the production is less. Therefore, there is need to diversify potato production both over time and locations. Moreover, new varieties are being developed from time to time and agro-techniques for each of them have to be standardized. Modelling is an efficient tool for such purposes since field experimentation is costly and time consuming. The availability of a well-validated model was the handicap so far for such studies.

Central Potato Research Institute, Shimla has developed a crop growth and yield simulation model INFOCROP-POTATO in collaboration with Division of Environmental Sciences, IARI, New Delhi. The model suited to tropical and subtropical conditions, would remove a major handicap for rapid growth and development of potato in India. The programming language of the model is FORTRAN SIMULATION TRANSLATOR. With a minimum data input of daily weather, soil and crop management, the model is capable of simulating phenological development, biomass and tuber yield on daily basis both under potential and nitrogen and water limiting (contd. page 6)
His Excellency was kind enough to have a cup of tea in the heritage cottage of Kufri farm built around 1920 or early by the then Maharaja of Patiala, popularly known as "Aramgha". Students of Institute of Hotel Management Kufri had prepared pastries, cookies, patties and served to the President and other guests. The President gladly accepted the request of CPRI staff for a group photograph taken in the open in near zero temperature in the night and refused to sit on the chair but preferred to stand with the staff for photograph. No protocol hindrances came in between free mixing of the President with the staff. Scientific community of CPRI was very much encouraged by the nearness of the president and his free mix up with them.

**Farmers' Training in NEH Region under Mini Mission-I**

In all 75 farmers of south Sikkim (45 at Perbing on 5th Dec., 2004 and 30 at Jaobari on 6th Dec., 32 farmers and officials at Imphal on 9th Dec. to 10 Dec. and 25 farmers and 6 states officials at Medziphema, Nagaland on 14th to 15th Dec., attended. Besides lectures on different aspects, practical demonstrations were also given. Farmers as well as the State Agriculture/Horticulture officers/officials showed keen interest and were very much impressed. At Sikkim, Additional Director (Hort.), Joint Director (Hort.), three Deputy Directors and 4-5 Horticulture Inspectors attended this programme. At Manipur, Director (Hort.) Deputy Director (Hort.) and some other staff attended this programme. At Medziphema, Nagaland, Director Agriculture, Additional Director (Hort.), Deputy Director (Seeds) and Principal IETC along with other officers attend the training programme.

**Dr Khurana relinquished charge of Director CPRI: Dr. BP Singh takes over**

Consequent up on his appointment as the Vice Chancellor of Rani Durgawati University, Jabalpur (MP), Dr. SM Paul Khurana relinquished the charge of Director CPRI and handedover to Dr. BP Singh, Jt. Director, CPRI Campus Modipuram. Dr. BP Singh has been given the charge of Director w.e.f 20th November, 2004 in addition to Joint Director CPRI, Campus Modipuram. Since Dr. Khurana was also holding the post of Project Coordinator AICRP (Potato), the responsibility of Project Coordinator was also taken over by Dr. BP Singh. Thus
Dr. BP Singh will act as acting Director CPRI, Jt. Director, CPRI Campus, Modipuram and Project Coordinator, AICRP (Potato).

New Publications

CPRI brought out following publications during July-December 2004 in addition to Annual Report 2003-04 and two issues of Newsletter.

Technical Bulletin No. 62: Quality Seed Potato Production in NEH Region of India (published under NATP “Household Food and Nutritional Security for Tribal/Backward and Hilly Areas (HFNS)”).

Technical Bulletin No. 63: Dehydrated Potato Chips

Technical Bulletin No. 64: True Potato Seed “An Alternative Technology for Potato Production in North Eastern Hill Region”. (Under NATP-HFNS)

Technical Bulletin No. 65: Technological Empowerment of Tribal Women Farmers in Meghalaya (published under NATP-CGP III).

Technical Bulletin No. 66: TAR-IVLP Success Stories (Published under NATP scheme TAR-IVLP implemented in Shimla, HP and Patna Bihar)

Technical Bulletin No. 37: Alu ki vaigyanik kheti (a compendium of radio talks broadcast over All India Radio, New Delhi under the programme Potato School on AIR).

Awards & Honours

Dr. SK Pandey, Head, Crop Improvement, CPRI, Shimla was selected as the fellow of National Academy of Agricultural Science (NAAS).

MoU with Manipur Govt. signed

A MoU was signed between CPRI and Deptt. of Horticulture, Govt. of Manipur for production of quality seed under the technical supervision of CPRI scientists at Mao farm (Manipur). Also CPRI will impart training to the officers of Manipur Horticulture Deptt. One officer Mr. Gobardhan Roy of Manipur Hort. Deptt. was trained at CPRI Shimla for a month in potato seed production and related aspects as part of this MoU during July/August, 2004.

Foreign visits

1. Dr. BP Singh, Joint Director, CPRI Campus, Modipuram was deputed by the Ministry of Agriculture, Govt. of India to Mongolia during 19-25 July 2004 for development of Model Friendship Farm in Mongolia under bilateral agreement for production of seeds.

2. Dr. SK Chakrabarti and Dr. SK Kaushik, Sr. Scientists visited USA for orientation and to discuss the modalities of collaborative project on breeding transgenic potato for late blight resistance with Cornell University, USA under USDA BSP programme during 27 November – 11 December, 2004.

Mini Mission-I (Himachal Pradesh)

Govt. of India has sanctioned the Centrally Sponsored Scheme “Integrated Development of Horticulture in Himachal Pradesh, Uttarakanchal and J&K”. CPRI is the Nodal Office for implementing the scheme in Himachal Pradesh. 19 Projects were approved by GOL/ICAR for implementation under Mini Mission-I in HP at a total cost of Rs. 317.05 Lakh. Out of 19 projects, 15 have been allotted to UHF, Solan, one each to CPRI, NBPGSR station Shimla, IARI station Katrain and Shimla and Deptt. of Ayurveda HP. Work on the projects has been started and funds for 2004-05 have been released through the Nodal Offices CPRI, Shimla.

SRC, RAC, IMC and IJSC Meetings

Staff Research Council (SRC) of CPRI met at Shimla on 28-30 July, 2004 attended by 72 scientists in which programme leaders presented the work done during preceding year and outlined future technical programme. Each programme of research was reviewed critically and suggestions were made. Research Advisory Committee (RAC) meeting under the Chairmanship of Dr. Kirit Singh was held on 9-10 September, 2004 at Shimla in which programme leaders presented the achievement and future lines of work as per suggestions made in the SRC, RAC again critically reviewed the research programmes and suggested for improvement. Institute Management Committee (IMC) was held at CPRS Ooty on 24 September, 2004 and Institute Joint Staff Council (IJSC) meeting was also held at Ooty on 25 September, 2004.
CPRI Sports Team fared well

At the ICAR Zonal Sports Meet held at Karnal during 7-10 December, 2004, CPRI contingent brought laurels to the Institute by winning 13 medals and two best athlete awards. The medal tally of CPRI sport team was:

<table>
<thead>
<tr>
<th>Event</th>
<th>Name</th>
<th>Medal</th>
</tr>
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<tbody>
<tr>
<td>1. Shot put Throw</td>
<td>Smt. Shyam Lata Bekta</td>
<td>Gold</td>
</tr>
<tr>
<td>2. Discuss Throw</td>
<td>Smt. Shyam Lata Bekta</td>
<td>Gold</td>
</tr>
<tr>
<td>3. Jevellion Throw</td>
<td>Smt. Shyam Lata Bekta</td>
<td>Silver</td>
</tr>
<tr>
<td>4. Long Jump</td>
<td>Smt. Shyam Lata Bekta</td>
<td>Bronze</td>
</tr>
<tr>
<td>5. Long Jump</td>
<td>Smt. Tarvinder Kocchhar</td>
<td>Bronze</td>
</tr>
<tr>
<td>6. High Jump</td>
<td>Smt. Tarvinder Kocchhar</td>
<td>Silver</td>
</tr>
<tr>
<td>7. 100m Race</td>
<td>Smt. Tarvinder Kocchhar</td>
<td>Gold</td>
</tr>
<tr>
<td>8. 200m Race</td>
<td>Smt. Tarvinder Kocchhar</td>
<td>Gold</td>
</tr>
<tr>
<td>9. 100m Race</td>
<td>Smt. Asha Thakur</td>
<td>Silver</td>
</tr>
<tr>
<td>10. Badminton</td>
<td>Ms Ruma Roy</td>
<td>Silver</td>
</tr>
<tr>
<td>11. Table Tennis</td>
<td>Smt. Tarvinder Kocchhar &amp;</td>
<td>Silver</td>
</tr>
<tr>
<td></td>
<td>Sh. Om Pal Singh</td>
<td></td>
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<td></td>
<td>Sh. Gurdev Singh</td>
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<td></td>
<td>Sh. Hoshiyar Singh</td>
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<td></td>
<td>Sh. Yogesh Gupta</td>
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<td>Sh. JJS Jesseal</td>
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<td></td>
<td>Sh. Munna Lal</td>
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<td>Dr. RS Meena</td>
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<td></td>
<td>Sh. NK Sharma</td>
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<tr>
<td>12. Volley Ball (Shooting)</td>
<td>Sh. Om Pal Singh</td>
<td>Gold</td>
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<td></td>
<td>Sh. CM Bist</td>
<td></td>
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<td></td>
<td>Sh. Gurjeet Singh</td>
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<td></td>
<td>Dr. NK Pandey</td>
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<td></td>
<td>Sh. Roshan Lal</td>
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<tr>
<td>13. Table Tennis (men)</td>
<td>Smt. Shyam Lata Bekta</td>
<td></td>
</tr>
<tr>
<td>14. Best Volley Ball Shooter</td>
<td>Smt. Shyam Lata Bekta</td>
<td></td>
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<tr>
<td>in the sports meet</td>
<td>(Cash Prize of Rs. 5000/-)</td>
<td></td>
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<tr>
<td>15. Best Athlete</td>
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<td></td>
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</table>

16. Over all Runners up trophy in the North Zone: CPRI, Shimla

Kisan Mela held at CPRI

A Kisan Mela on 1st November, 2004 was organized at CPRI, Shimla. On this occasion information on recent potato production technologies were provided to the farmers. About 100 farmers from different parts of Himachal Pradesh participated in the Mela. Scientists of CPRI delivered lectures on improved potato technologies. Besides, resource persons from NABARD, UHF Nauni, and NBPGR addressed the farmers. A total of 12 exhibition stalls of different organizations related to agriculture and horticulture like IFFCO, NABARD, MARKFED, NSC, etc. were put up which were the main attraction of the Mela. At the end, a Kisan Goshti was organized in which the farmers discussed their problems with the scientists.
conditions. The model has been calibrated for ten most popular Indian potato cultivars. It was rigorously validated against an exhaustive data set (experiments conducted over the years 1976-99) varying widely in locations (five), seasons (short day and long day), weather, soil and management practices relating to date of planting, plant population, spacing, seed rate, harvesting time, nitrogen levels and irrigation levels. It has been found to accurately simulate optimum date of planting, emergence, tuber initiation, maturity, leaf area development and yield. The model simulations of cultivar response for early, medium and late maturing cultivars were also close to the known/measured responses (Fig. 1).

The model would provide renewed impetus to agronomic research in potato and help in rapid growth and development of potato in India and neighbouring countries. The model would be useful for on-farm optimization of resources and would also help policy planners in evolving effective strategies for production, storage and disposal of potato. It would also serve as an effective teaching and extension aid.

**Boric acid as a cure to potato blight**

Boric acid can be used as a cure to potato blight. The treatment can be applied as an aqueous solution at a concentration of 3% (3% boric acid) on the leaves. The treatment should be applied in the morning when the leaves are wet. The treatment should be repeated every 7-10 days until the blight is controlled. The treatment is effective against the blight caused by the fungal pathogen Phytophthora infestans.

**Maize and chilli**

Maize and chilli are important crops in the region. The treatment for maize blight can be applied as an aqueous solution of boric acid at a concentration of 3% (3% boric acid) on the leaves. The treatment should be applied in the morning when the leaves are wet. The treatment should be repeated every 7-10 days until the blight is controlled. The treatment is effective against the blight caused by the fungal pathogen Gibberella zeae.

**Boric acid (3%)**

Boric acid (3%) is a biostimulant that can be applied on the leaves of potato plants. The treatment can be applied as an aqueous solution at a concentration of 3% (3% boric acid) on the leaves. The treatment should be applied in the morning when the leaves are wet. The treatment should be repeated every 7-10 days until the blight is controlled. The treatment is effective against the blight caused by the fungal pathogen Phytophthora infestans.
उपचार कैसे करते हैं

आलू बीज को उपचारित करने के लिए सीड ट्रिमटेर्ट डिबाइस, हस्ताक्षरित और पैर चालित स्क्रेपर गैसिन का प्रयोग करते हैं। जिस आलू बीज को उपचारित करना है उसका कंड सफ पुरुष होना चाहिए। जिससे उपचार आत्मक प्रभावी दंग से कम कर सके। यदि आलू के कंड पर ज्वाला हो तो पानी से सोकर और सुखाकर कंड बीज को उपचारित करते हैं। उपचारित आलू कंड को पक्की करने आदि तिरापुल या प्लास्टिक शीट पर फैलाने हैं। कंड को छाया में पूर्णता से सुखाने के पश्चात जुंट के बेग में मरते हैं।

यदि उपचार हस्ताक्षरित स्क्रेपर या पैर चालित स्क्रेपर से करते हैं तो एक बार आलू कंड की एकल पटन को सें (छिड़काव) करने के बाद उसको पलटते हैं और दुकारा रखना का छिड़काव करते हैं और पूर्णता बीज के पश्चात छाया में सुखाकर जुंट के बेग में भर देते हैं।

उपचार लागत

अर्थ विभाग के पॉर्ट बोर्ड एसिस्ट (99-5 प्रतिशत शुल्क) लगभग हर जाह उपचार है। यह रखन का 110-120 प्रति किलोग्राम के हिसाब से बाजार में उपचार होता है। बीज का उपचार रेस /छिड़काव / के मुख में लगभग 5-00 रुपये प्रति भिंडल के हिसाब से लागत आंकी गई है। जो आपनी मर्मतरियाँ विभिन्न रसायन (क्ष. 12 प्रति भिंडल) से कम नहीं है।

बोरिक एसिस्ट (आहानिकक अवयव) से उपचारित आलू में विशालता नहीं पाई जाती है।

साधनाओं

1. बोरिक एसिस्ट राउड ट्रांबल पानी में अधिक कर धुर नहीं पाता।
2. अलू की तलाश में सुखाने का कारण नहीं है।
3. आलू बीज के कंड में अधिक स्क्रेपर या आवेदन की शुरुआत होना पर बोरिक एसिस्ट से उपचारित नहीं करना चाहिए स्थापित इसके आलू के जमाने में देखी हो सकती है।

—आर के., अरोडा, आर के., सिंह एवं गणपति सिंह, केन्द्रीय आलू अनुसंधान केंड्र, जालंधर

मोदीपुरम परिसर द्वारा रेडियो पर आलू पाठशाला एवं किसान मेला

केन्द्रीय आलू अनुसंधान संस्थान परिसर मोदीपुरम ने आकाशवाणी दिल्ली के रहस्यों से हिन्दी भाषी किसानों के लिए रेडियो पर आलू पाठशाला का साधन आयोजन किया। यह कार्यक्रम 27 दिसंबर 2004 से प्रारंभ किया गया जिसके तहत प्रत्येक समाचार को 7 बजे से 5 मिनट पर 30 मिनट की वार्ता आलू की खोज एवं इससे समबंधित जनताकी प्रश्नोत्तरी के रूप में प्रसारित की गई। कुल 20 वार्ताएं प्रसारित की गईं, कार्यक्रम का पहले ही रेडियो एवं अन्य माध्यमों से काफी प्रचार किया गया और बाद के हिन्दी भाषा राजनीति के किसानों ने इस कार्यक्रम में काफी रूढ़ि दिखाई और 12 राजनीति के लगभग 1200 किसानों ने कार्यक्रम में अपने आप को पंजीकृत कराया। कार्यक्रम के आयोजन में पंजीकृत किसानों से कुछ प्रश्न पूछ कर जिन्हें बाद के आयोजन पर किसानों को पुष्टक्रिया करने का प्रवाहित रखा गया। कार्यक्रम के समाप्ति के उपलब्ध में 15 जनवरी 2005 को मोदीपुरम परिसर में एक किसान मेला का आयोजन किया जा रहा है जिसमें पंजीकृत किसानों के अलावा अन्य किसानों की मदद से बातें ली जानी है। मेले के दौरान एक प्रश्न-उत्तर लाइव जागरी, किसान गोली, द्वारा निर्देशक किसानों की श्रेणी भी मध्य-मेला के साथ साथ मजाक खेलने आयोजित किया गया।

हिंदी चेतना मास

संस्थान के मुख्यालय में 14 सितंबर से 13 अक्टूबर, 2004 के दौरान हिंदी चेतना मास का आयोजन किया गया। 14 सितंबर को हिंदी चेतना मास का विविधता उपदेश संस्थान के गैर शायद अ. साधन जी गोली पॉल स्ट्यूटन ने किया। इस अवसर पर संस्थान के उप-दीर्घा निदेशक (राजमान) ने उपस्थित
अधिकारियों को भारत सरकार की राजमारा नीति वर सरकारी कर्मचारियों का दायित्व संबंधी जानकारी दी।

उद्घाटन समारोह के अध्यक्ष प्रेरण जन सरजीत सिंह, डा. शिव कुमार, श्री चालर एकक, श्री जगद्धरा प्रसाद निजीय ने भी सभा को संबोधित किया। अन्य विद्वानों का यह मानना था कि संस्थान में हिंदी का अधिक से अधिक प्रयोग किया जाए। इस अवसर पर यह खूब भी व्यक्त किया गया कि अधिकांश कर्मचारी हिंदी का कार्य साधक ज्ञान रखने हुए तथा कर्मचारी कामकाज में हिंदी का प्रयोग नहीं करने। इस अवसर पर संस्थान के हिंदी अभियान द्वारा तैयार की गई ‘मानक ग्रामीण एवं प्रजातियों का संशोधन’ नामक हिंदी संस्कृति का विविधता भी किया गया।

एक मह पक्के चलने वाले आयोजन में कई कार्यक्रम रहे गए। पहले वह बातचीत में संस्थान के हर वर्ग के अधिकारियों एवं कर्मचारियों के लिए अलग-अलग हिंदी कार्यशालाओं आयोजित की गई। इस कार्यशाला में कर्मचारियों को भारत सरकार की राजमारा नीति संबंधी जानकारी देने के साथ-साथ शोधमय और संस्कृत वितरण के अवसर पर एक सार्वजनिक कार्यक्रम का आयोजन किया गया।

हिंदी प्रशिक्षण

* संस्थान के श्री पान कुमार एवं श्री गणेश पाल ने प्राचीन पालीक्रम के माध्यम से हिंदी टाइपकार का प्रशिक्षण प्रहार कर हिंदी टाइपमिंग की परिशिष्ट उत्तरार्थ की।

* संस्थान के मोटरॉइड केन्द्र के डा.के.एस. कृष्णाप्रसाद एवं डा. (श्रीमती) के.महाराजा ने राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी, हेंडरवाद द्वारा आयोजित पंडित विवेकानन्द गहन हिंदी प्रशिक्षण कार्यशाला में भाग लिया।

* संस्थान के मोटरॉइड केन्द्र के डा. (श्रीमती) के.महाराजा ने श्रीमती कृष्णा पाली, संस्थान ने राजमारा एवं प्रबंध विकास संस्था, दिल्ली हावे उद्दी आयोजित हिंदी सम्मेलन एवं कार्यशाला में भाग लिया।

हिंदी में साहित्य समारोह

संस्थान के हिंदी अनुसंधान ने संस्थान में राजमारा का बढ़ावा देने तथा कर्मचारियों को राजमारा हिंदी में सहयोग देने के दृष्टिकोण से 'लेखा एवं लेखा परीक्षा साहित्य' तथा 'मानक मराठी एवं प्रजातियों का संशोधन' नामक दो सहायक पुस्तकों का प्रकाशन की। इनके इस्तेमाल से प्र कर्मचारियों की लेखनी में सहायता मिलेगी। इनके ही लिए मानक मार्गस्रोतों के मार्ग पर अपने वाक्यों को लिखने में सहायता मिलेगी। एक ही वित्त में कार्य के इस्तेमाल होने वाले मानक मराठी एवं प्रजातियों का हिंदी/त्रिभुज रूप में प्रस्तुत कर हिंदी को बढ़ावा देना। इन संकलन का सुख उदेश्य है ताकि संस्थान के कर्मचारी/अधिकारी इन मानक मराठी एवं प्रजातियों को हिंदी में प्रगति कर सकें।

Happy New Year 2005

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