



some students expressed their desire to choose a career in science and technology. Overall, the program was very successful.

Reported by:

Manoj Kumar (gmanoj@rrcat.gov.in) and Tapas Ganguli

N.5: Experimental Physics & Industrial Control Systems (EPICS) Workshop

Accelerator Control Section (ACS) organised a 4-day workshop on “EPICS” (Experimental Physics & Industrial Control Systems) at RRCAT from January 27 to January 30, 2009, in association with KEK, Japan. The workshop was sponsored by BRNS, India and Japan Society for Promotion of Science (JSPS), Japan. Invited speakers, mainly from Japan and USA had long time experience on EPICS. Total 33 participants attended the workshop and learnt the skills for deploying EPICS for control systems.

EPICS is a SCADA system consisting of a set of software tools, libraries and applications developed collaboratively and used worldwide to create distributed soft real-time control systems for scientific instruments such as particle accelerators, telescopes and other large scientific experiments. Different parts of EPICS were developed at different places, and are distributed for usage. EPICS is a world-wide collaboration and relies upon its users to contribute to ongoing development and support of the software tools.

Consequently, a very important component of the EPICS related activities are the results of freely available international collaborative developments. EPICS device and/or driver support has been written for a vast number of I/O devices over the years by many collaborating laboratories and are readily available. Thereby, commercial instruments, controllers, power supplies and many other devices can be integrated into the control systems. A large community of scientific machine control system developers are ready to help implementation and maintenance of EPICS based control systems.

The workshop also included control system presentations from the participants. The four day, full time workshop included theory classes and hands on sessions. All participants were given workshop material on CD containing EPICS related documentation, hands on experiment material, user presentations etc. Ubuntu Linux and live EPICS DVDs were also distributed to participants to put them on fast track to continue learning EPICS after the workshop.

Reported by:

Pravin Fatnani (fatnani@rrcat.gov.in)

N.6: Women's Day 2009 Celebration

Women's day was celebrated at RRCAT on March 18, 2009 with theme “Togetherness”. The program was conducted in two sessions: pre and post lunch. It started with a

welcome address by Mrs. Prabjot Singh. The Chief Guest was Mrs. Annie Pawar, General Manager (Technology), State Bank of Indore. Mrs. Annie Pawar gave a talk on “Changing Role of women”. She emphasized on the importance of self respect with several examples, including some from her own experiences. She mentioned that the role of women is changing from “only an earner” to “a career woman” and women have become confident enough to make such choices for themselves. She wanted women to appreciate what they have achieved and think about how to go further.

An essay competition and a debate competition were organized on March 6th, 2009 as a part of the celebration. The topics of essay competition were “Women’s education and nation’s progress” and “Successful career women can be a good home maker too: agree/disagree”. Total 15 women participated in the competition. Mrs. Anagha Mokhariwale and Mrs. Preetha Jayakumar shared the first prize.

The Topic of debate competition was “Equality before the law and concessions for women: Is it contradictory”. Three participants spoke for yes, it is contradictory and three spoke against. Mrs. Rekha Raikar Kumar and Mrs. Jagriti Khanwilkar were judged best in debate competition for and against the topic respectively.

Dr. Alka Ingale, chairperson, Women Cell RRCAT gave a brief overview of the activities of women cell. She mentioned that the work done over last few years and gathering of women employees for these functions has resulted in increased interaction among themselves and in turn they have shown greater faith in women cell. She said that women cell will continue to work further towards solving their problems and making RRCAT a better working place. Mrs. Rekha Raikar Kumar proposed vote of thanks for pre-lunch session.

Post lunch session comprised presentation by Dr. Chhaya Mishra and cultural programmes by RRCAT employees. Dr. Chhaya Mishra’s presentation was on “Management funda” based on the movie “Sholay”. She discussed many clips of the movie and showed how they teach management funda. Mrs. Anagha Mokhariwale compeered the afternoon session, in which most awaited part was the program presented by RRCAT employees. First, in the lot was a immensely entertaining Liliput show performed by AECS teachers, which involved 6 participants who mimicked 2 liliputs on a film song. Ms. Prachi Chitnis and Ms. Rinky Upadhaya showed the journey of women through life by songs and dance. The songs chosen for each stages of life and their depiction of the same were very much appreciated by all. An excellent “Banana award” function show was put up by Janaki, Shradha, Jagriti and Sonica. It was very entertaining with interesting parody, wherein we could heartily laugh at ourselves. Mrs. Seema Janardanan had shown creativity by reciting a poem woven of women employee’s names. Mrs. Archana Prabhu caught attention of audiences by creating sound of approaching train using ghungrus in a short kathak based performance. The last and most energetic performance

was by AECS teachers who performed Rajasthani folk dance. It's interesting to note that all the performers were above 40 yrs of age. Mrs. Ambika Sharma lightened the mood by telling jokes in her imitable Hindi and English. Mrs. Kirti Barpande proposed vote of thanks for post-lunch session. The programme was ended with evening tea and enigmatic discussions on the present and future program.

Reported by:
Alka Ingale (alka@rrcat.gov.in)

N.7: RRCAT scientist honoured

Dr. S K Majumder was felicitated with the "The Excellence Award" by the Rotary Club of Indore City (a service club of the Rotary International) in recognition to his contributions to research in the field of cancer diagnosis using optical spectroscopic methods. The award comprised a citation and was presented to him by the Hon'able Member of Parliament Shri Shatrughan Sinha at the Annual Function of the Rotary Club held at Hotel Sayaji on July 13, 2009.



N.8: IPA Award for RRCAT Scientist

Dr. Tapas Ganguli was awarded the "N. S. Satyamurthy Award" of Indian Physics Association (IPA) in physics for the year 2008, in recognition of his contribution to growth and characterization of semiconductor films and semiconductor devices, and in particular for his work on epitaxial semiconductor layers and their high resolution X-ray diffraction studies. The award was presented by Prof. Bikash Sinha, President IPA, in a ceremony held at Homi Bhabha Science Center, Mumbai on 20th March, 2009. The award comprised a citation and a cash prize of Rs. 10,000.

N.9: राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र द्वारा जनवरी 2009 से आयोजित हिन्दी की विभिन्न गतिविधियाँ :

राजा रामन्ना प्रगत प्रौद्योगिकी केन्द्र, इन्दौर में राजभाषा हिन्दी के प्रचार-प्रसार के क्षेत्र में किए गए कार्यों तथा प्रमुख उपलब्धियों का ब्यौरा निम्नानुसार है :

दिनांक 14 जनवरी 2009 को केन्द्र में विश्व हिन्दी दिवस एवं पुरस्कार वितरण समारोह का आयोजन किया गया जिसमें "आर्थिक मंदी" तथा "एलएचसी-महामशीन" विषय पर क्रमशः मुख्य वार्ताकार एवं मुख्य अतिथि श्री मनीष उपाध्याय, वरिष्ठ पत्रकार नईदुनिया तथा श्री पुरुषोत्तम श्रीवास्तव,

प्रमुख स्पंदित उच्च शक्ति सूक्ष्म तरंग अनुभाग, आरआरकेट, ने रोचक सूचनाप्रद तथा ज्ञानवर्धक व्याख्यान प्रस्तुत किए। इस अवसर पर विभिन्न हिन्दी प्रतियोगिता के विजेताओं को पुरस्कृत किया गया एवं केन्द्र के कलाकारों ने सांस्कृतिक कार्यक्रम प्रस्तुत किए।

नगर राजभाषा कार्यान्वयन समिति, इन्दौर की 49वीं बैठक का आयोजन दिनांक 27 जनवरी, 2009 (मंगलवार) को अपराह्न 3.00 बजे इन्दौर के सी.जी.ओ. कॉम्प्लेक्स "ए" विंग, पत्र सूचना कार्यालय स्थित सभाकक्ष (मीडिया सेंटर) में केन्द्र के निदेशक महोदय की अध्यक्षता में किया गया इस अवसर पर नराकास की गृह पत्रिका 'दिशा' के चतुर्थ अंक का विमोचन डॉ. विनोदचंद्र साहनी, निदेशक, आरआरकेट एवं अध्यक्ष, नराकास द्वारा किया गया तथा नराकास द्वारा वर्ष 2008 के दौरान इन्दौर स्थित केन्द्र सरकार के कार्यालयों के अधिकारियों/कर्मचारियों के लिए आयोजित विभिन्न हिन्दी प्रतियोगिताओं के विजेताओं को पुरस्कृत किया गया।

विज्ञान एवं तकनीकी के अग्रणी क्षेत्रों में त्वरक विषय पर दिनांक 20 मार्च 2009 को आरआरकेट एवं यूजीसी- डीएई- सीएसआर द्वारा संयुक्त रूप से हिन्दी में एक दिवसीय वैज्ञानिक संगोष्ठी का आयोजन श्री गोविन्दराम सेक्सरिया प्रौद्योगिकी एवं विज्ञान संस्थान, इन्दौर के गोल्डन जुबली सभागृह में किया गया। इसमें कुल 8 व्याख्यान आयोजित किए गए।

इस अवसर पर केन्द्र की गृह पत्रिका "प्रगति" के 21वें अंक तथा वैज्ञानिक संगोष्ठी के दौरान किए गए व्याख्यानों पर आधारित स्मारिका का विमोचन मुख्य अतिथि डॉ. दीनदयाल सूद, पूर्व ग्रुप निदेशक, भाभा परमाणु अनुसंधान केन्द्र, मुम्बई ने किया। कार्यक्रम की अध्यक्षता डॉ. पी.के. गुप्ता, प्रमुख लेसर पदार्थ विकास एवं युक्ति प्रभाग तथा लेसर जैव चिकित्सा अनुप्रयोग एवं यंत्रिकरण प्रभाग, आरआरकेट, ने की। स्वागत भाषण मेजबान कार्यालय प्रमुख एवं संस्थान के निदेशक प्रो. पी.के. सेन ने दिया। यूजीसी-डीएई सीएसआर के निदेशक तथा वैज्ञानिक संगोष्ठी आयोजन समिति की अध्यक्ष डॉ. रमाचारी ने भी अपना-अपना उद्बोधन दिया। संगोष्ठी के उद्घाटन सत्र का संचालन सहायक निदेशक (राजभाषा) ने किया। उक्त संगोष्ठी के तीन सत्रों की अध्यक्षता क्रमशः यूजीसी-डीएई- सीएसआर के केन्द्र निदेशक, प्रो. अजय गुप्ता, राजभाषा भूषण से सम्मानित श्री सत्यनारायण व्यास, पूर्व वैज्ञानिक अधिकारी- (जी), आरआरकेट तथा प्रो. (श्रीमती) प्रतिभा सेन, देवी अहिल्या विश्वविद्यालय, इन्दौर ने की।

एक पूर्ण दिवसीय हिन्दी कम्प्यूटर कार्यशाला का आयोजन दिनांक 31 मार्च, 2009 को इस केन्द्र के कम्प्यूटर केन्द्र के यूजर हॉल में किया गया जिसमें 03 अधिकारियों एवं 20 कर्मचारियों को यूनीकोड, इंटरनेट पर उपलब्ध हिन्दी वेबसाइटों की जानकारी, हिन्दी में ई-मेल भेजने एवं हिन्दी में कम्प्यूटर पर कार्य करते समय आने वाली समस्याओं को दूर करने का व्यावहारिक प्रशिक्षण दिया गया।

केन्द्र में दिनांक 06-05-2009 को अपराह्न 3.30 बजे व्याख्यान कक्ष नं. 1 में चिकित्सा व्याख्यान का आयोजन किया गया डॉ. संदीप जुलूका, एम.डी. अपोलो चिकित्सालय, इन्दौर ने "चिरकालिक बीमारियों के निदान के लिए जीवन" विषय पर व्याख्यान दिया।

प्रशिक्षणार्थी वैज्ञानिक अधिकारियों के लिए निदेशक कार्यालय स्थित व्याख्यान कक्ष-1 में दिनांक 18-06-2009 को एक पूर्ण दिवसीय हिन्दी कार्याशाला का आयोजन किया गया, जिसमें संघ की राजभाषा नीति, प्रशासन एवं लेखा संबंधित विभिन्न विषयों, छुट्टी, अग्रिम, यूनीकोड के माध्यम से हिन्दी में कार्य करना आदि विषयों पर कुल 06 व्याख्यान किए गए।

प्रस्तुति -

जयनारायण सोनी(jsoni@rrcat.gov.in)