

DATELINE CSIR

April 2005	
1 st	IICT: Prof S V Ley, University of Cambridge, UK delivered the 11 th SS Bhatnagar memorial lecture on "Development of new tools and methods for organic synthesis"
2 nd	IICB: Prof. M.R.S. Rao, President, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, delivered the J.C. Ray Memorial Lecture on the occasion of Foundation day of IICB.
3 rd -4 th	NPL: National Symposium on "Material science and progress on its applications" organized.
1 st -4 th	RRL-Bhubaneswar: Four day Demonstration and Training Programme organised on Post-harvest Processing of Non-traditional Pulses.
2 nd	IICB: Foundation Day celebrated
5 th	CCMB: Visit of French delegation led by Mr. Bruno Mougin, Director, Human Genetics Department for possible collaboration in the area of infectious diseases and cancer.
6 th	CSMCRI: Platinum Jubilee of Dandi March organised. Half-day seminar on SALT held.
7 th	NCL.: Ninth Prof. Sukh Dev Endowment Lecture on "Engaging zwitterions in carbon-carbon bond forming reactions: a promising synthetic strategy" delivered by Dr. Vijay Nair, Emeritus Scientist, RRL-Triv.
8 th	NEERI: Foundation day celebrated. Dr. A.K. Sinha, Director, Maharashtra Remote Sensing Application Centre (MRSAC) delivered a Lecture entitled "Role of Geo-spatial data in Environment Management.
10 th	CSMCRI: 52 nd Foundation day celebrated. Prof. V. Krishnan delivered the Foundation day lecture "Non-covalently Linked Molecular Assemblies"
11 th -13 th	CECRI: CPYLS programme held.
11 th -15 th	CEERI: Faculty Training and Motivation programme organised.
12 th -13 th	CFRI and CMRI: International Seminar on "Coal Science and Technology: Emerging Global Dimensions (GLOBAL COAL-2005)" organised jointly.
13 th	RRL-Bhubaneswar: 41 st Foundation day celebrated. Open day observed. Prof. S.N. Upadhyay, Director-Institute of Technology, Banaras Hindu University delivered the Foundation day lecture on "Biotechnology and environmental management". Prof. Upadhyay also released the Annual Report of the laboratory for the year 2004-05.
15 th -16 th	SERC: Two day Annual Technical Symposium of Structures Panel of Aeronautics Research & Development Board (AR&DB) held.
27 th -28 th	IGIB: Indo-European Union Thematic Workshop on "Genomics & Biotechnology For Health" organised.
30 April & 1 May 2005	CSMCRI: Gujarat Gaurav Din Celebration organised. Hon'ble Minister of Industries and Mines, Government of Gujarat, Mr. Anilbhai Patel, inaugurated the industrial exhibition.
May 2005	
5 th	CCMB: Visit of Chinese delegation led by Mrs. Hu Miaohui – General Manager, Shandong Kexing Bioproducts Limited.
5 th -6 th	IIP: CSIR Programme on Youth for Leadership in Science (CPYLS) organized.
7 th -8 th	IIP: National Conference on "New Horizons in Applied Biosciences & Entrepreneurship Development" organised.
10 th	CMRI: 50 th Foundation day celebrated Mr. B. Bhattacharjee, Director General, Directorate General of Mines Safety, Dhanbad delivered the

	Foundation Day Lecture.
11 th	<p>CSIR's constituent laboratories celebrated National Technology Day:</p> <p>CFTRI: National Technology Day Insignia license presented to the CFTRI Technologies during the year 2004-05. Dr. R.K. Gupta, Head IPMD, CSIR, delivered a lecture on "Intellectual Property Rights".</p> <p>CIMAP: Dr Dinesh Patel, MD & CEO of Themis Medicare Ltd. Mumbai delivered lecture on "Biotechnology- Past, Present & Future"</p> <p>CSIO: Open day observed. Dr. Anand Kumar, General Manager, BEL, Panchkula delivered a lecture on "Different Dimensions of Technology".</p> <p>IHBT: Dr. V.P. Kamboj delivered the key note lecture on "Nutraceuticals: Opportunities for India".</p> <p>IIP: Dr. Raghubir Gupta, Research Director of Centre for Energy Technology (CET) at Research Triangle Institute, North Carolina, USA delivered lecture on "Hydrogen as a future fuel".</p> <p>IMTECH: Open day observed and Dr. P.K. Ghosh, President, Biocare, SBU, Cadilla Pharmaceuticals Ltd. Ahmedabad delivered lecture on "Planning by Indian Biotech R&D institutions: Post-2005 era"</p> <p>NEERI: Mr. S. Bang, Executive Director, M/s Jubilant Organosys Ltd. delivered lecture on "Technological management for sustainable development"</p> <p>RRL-Jammu: Prof. S. K. Joshi, Distinguished Scientist (CSIR) & Vikram Sarabhai Professor delivered lecture on "Physics and its Impact on Technology in the 20th Century".</p> <p>RRL-Triv. Open House observed. The Chief Guest Dr. M. Radhakrishna Pillai, Director, Rajiv Gandhi Centre for Biotechnology, Trivandrum delivered the Technology Day Lecture.</p> <p>SERC: Prof. V.N. Gupchup, Principal & Secretary, VJTI – Retd. & Chairman, RC, SERC, delivered the lecture entitled "Technology Creation – Need of the Nation".</p>
11 th -12 th	RRL-Jorhat: National Technology Day organised along with a two-day awareness programme for the small and marginal entrepreneurs of the state in collaboration with NESSIA, a local NGO.
16 th	<p>NCL: Prof. Colin D. Bain, Department of Chemistry, Oxford University delivered the fifth Prof. J.W. McBain Memorial lecture on "Marangoni effects: where surface chemistry and fluid dynamics meet"</p> <p>NEERI: Dr. A.P. Mitra, Chairman, Research Council, NEERI and Ex. Director General, CSIR inaugurated Updated NEERI Permanent Exhibition.</p>
16 th May -24 th June	SERC: Six-week training programme entitled "National Programme for Capacity Building of Engineers in Earthquake Risk Management (NPCBEERM)" organised
17 th –18 th May	NEERI: National Workshop on "Assessment of Current & Futuristic Water Quality Standards in India".
24 th	CCMB: Swedish delegation led by Prof. Pam Fredman visited under the programme for exchange of students for Graduate and Ph. D. programmes.
25 th	CSIR Society meeting held at 7, Race Course Road, New Delhi under the Chairmanship of Hon'ble Prime Minister and President of CSIR Society, Dr. Manmohan Singh.
24 th –27 th	CFTRI: CSIR Veterans' and Thacker Memorial Tennis Tournament conducted. Dr. B.L. Amla, former Director, CFTRI distributed prizes.
28 th	CMERI: Workshop on 'Dental Surgical Implants' organized.

June, 2005	
1 st	CCMB: Visit of Iranian delegation comprising Dr. Naheed Mojgani – Head International Relations, Razi Vaccine & Serum Research Institute.
2 nd	IHBT: Third Lavender Day organised at Salooni Chamba to promote the lavender plantation in the region.
3 rd	IIP: Shri K P Nyati, Head, Environment Management Division, Confederation of Indian Industry (CII) New Delhi. delivered a lecture on “Sustainability: The Emerging Paradigm” as a part of World Environment day celebrations.
5 th	RRL, Jammu: LIV- 1 a herbal medicine for liver disorders launched. The product which has been licensed to M/s Medley Pharmaceuticals Pvt. Ltd., Mumbai was launched by Sh. Mangat Ram Sharma, Deputy Chief Minister, Govt. of J & K.
7 th	IHBT: Dr A.V. Rama Rao Former Director, IICT delivered the foundation day lecture on “Rediscovering Natural Products As Drugs” Annual Report 2004-05 was also released. NCL: Fourth Prof. K. Venkataraman Memorial Lecture on “My life in drug research: and lessons learnt” was delivered by Dr. Nitya Anand, Former Director, CDRI, Lucknow.
10 th	SERC: Foundation day celebrated. Third Professor G.S. Ramaswamy Memorial Lecture delivered by Dr. C.S. Viswantha, Chief Consulting Engineer, Torsteel Research Foundation on “Sir M Visvesvaraya-A Legendary Figure”..
11 th	NIO: Dr. R.A. Mashelkar, DG-CSIR delivered a public lecture entitled, “Making high technology work for the poor”.
11 th - 12 th	NCL: Orientation programme for newly joined research students and staff members organised in four modules as: systems and procedures, good laboratory practices, information and communication and student academic affairs.
13 th –14 th	RRL-Bhubaneswar jointly organised the International Conference on Emerging Trends in Mineral Processing and Extractive Metallurgy (ICME) – 2005 with Indian Institute of Metals, Bhubaneswar and Indian Institute of Mineral Engineers, Bhubaneswar. Hon’ble Chief Minister of Orissa Shri Naveen Patnaik, inaugurated the event.
14 th	IIP: Visit of Iranian delegation of M/s Beharan Oil Co. to explore the possibility of collaborative R&D projects.
18 th -21 st	NCL: Indo-French workshop on “New solid state NMR methods and materials characterization” organised.
20 th June– 2 nd July	NAL: A two week training programme organised for the customers of HANSA-3 aircraft, on Propulsion system (Rotax Engine 914F) and airframe. Certificates issued by Director, NAL to the participants who passed the examination conducted by DGCA
26 th	RRL, Jorhat: Workshop on popularizing organic farming in Arunachal Pradesh organised by RRL Branch, Itanagar
27 th	RRL-Triv. : A lab-industry meet on the theme “Diffusion of Technology on Multi-Functional Additives for Rubber Product manufacture” organised.
July 2005	
1 st – 8 th	NEERI: Orientation Programm for 10 newly recruited Scientists Group IV(1)
4 th -8 th	CMERI: Hands-on Training Programme for Entrepreneurs of Steel Based Bullock Carts organized.

5 th	RRL-Bhopal: Hindi workshop on material science organised.
5 th – 6 th	CBRI: Vocational training to 129 Science & Engineering students from 36 engineering colleges/institutes from May to July 2005. Interaction Meet of Rural Building Centres organised.
6 th	CDRI: 8 th Dr. B Mukherji Memorial Lecture delivered by Prof. Samir Bhattacharya, Shantiniketan on “Free fatty acid induced insulin resistance and diabeted type2: Understanding of the underlying mechanism and need for new therapy.”
7 th	NAL: Visit of team led by Dr. G. Madhavan Nair, Chairman, ISRO and held discussions, on present and possible interactions between ISRO and NAL.
9 th	SERC: Visit of Dr. R.A. Mashelkar, DG, CSIR, to the upcoming advanced Seismic Test Facility / Earthquake Engineering Laboratory of SERC.
18 th	NEERI: Dr. Ashok Juwarkar Memorial Lecture delivered by Dr. B.M. Khadi, Director, Central Institute of Cotton Research on “Agriculture & Environment”.
18 th -19 th	IGIB: Two days Indo-Brazil-South Africa Trilateral Workshop organised on “Functional Genomics, Life Science, GM Food and Agriculture”.
20 th	NAL: Prof. R Narasimha, Chairman, Engineering Mechanics, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, delivered lecture entitled “Monsoon Ragas, Playing with wavelets on Rainfall Data”.
23 rd	NAL: Foundation day lecture delivered by Shri. M. Natarajan, Scientific Adviser to Raksha Mantri, Secretary, Department of Defence Research, Ministry of Defence, New Delhi on “Opportunities and Challenges in Defence Programmes and projects” and released the NAL’s Annual Report for 2004-05. Dr. A R Upadhyya, Director, NAL launched the new web-site of Information Centre for Aerospace Science and Technology.
24 th	CECRI: Foundation Day celebrated.
30 th - 31 st	CMRI: Two days national seminar on Policies, Statutes and Legislation in Mines [POSTALE 2005] organised with the theme to debate, deliberate and discuss on the mining related issues. Sri A. K. Singh, Secretary, Mining & Geology, Govt. of Jharkhand inaugurated the seminar.
31 st	NAL in association with the Kites Chapter of the Aeronautical Society of India, Bangalore Branch and Team Mangalore arranged a one-day workshop on kite building, flying and aeromodelling at the Jakkur Airfield for selected school children
August 2005	
1 st – 2 nd	NAL conducted Indo-US workshop on Micro Air Vehicles with University of Maryland. 14 experts from various organizations participated in the workshop.
2 nd – 4 th	NPL: Temperature & Humidity Standards Group peer reviewed by the International Technical Expert, Dr. J. Fischer from PTB, Germany
5 th	NAL: International Year of Physics was celebrated at NAL. Prof. N Mukunda, Indian Academy of Sciences, Bangalore delivered a lecture on “Einstein- Life and Legacy”.
7 th	CSMCRI: Daimler-Chrysler (DC), India conducted a test drive with CSMCRI’s jatropha biodiesel in Leh (Khardungla pass), which is 18360 feet, the highest motorable pass in the world. DC used C-class

	Mercedes car and one Viano van and the tests drive was taken with neat biodiesel and no engine modification. The engine cranked at the first start and no difficulty was experienced at this altitude.
8 th	CRRI: Workshop on emerging ITS technologies organised.
8 th -9 th	CEERI: Orientation programme for newly recruited staff organised.
8 th -10 th	IICT: Workshop on CSIR e-journal consortium-user interface” organised.
11 th – 13 th	NAL: 8 th Annual CFD symposium organised by Aeronautical Society of India (AeSI). About 150 scientists from leading R&D Organisations and industry participated.
12 th	CLRI: Prof. P. Khanna Memorial Lecture entitled “A Vision of Missionary in Prof. Khanna for Leather” by Padmashri Dr. T. Ramasami, Director, CLRI.
13 th	NEERI: Visit of Hon’ble Minister of Science & Technology and Ocean Development and Vice President, CSIR Shri. Kapil Sibal.
14 th	IIP: Visit of H. E. Dr. A. P. J. Abdul Kalam. He addressed the scientific community of the Institute, giving a definite direction for future research and invited questions from the audience. Hon’ble Minister of Petroleum and Natural Gas, Shri Mani Shankar Aiyar was also present.
16 th – 18 th	SERC: Three days Workshop on ‘CSIR E-Journals Consortia – User Interface’ was organised jointly with NISCAIR.
18 th	CFTRI: 500 MHz NMR Facility was inaugurated by Prof. R. Chidambaram, Principal Scientific Advisor, GOI.
24 th	CRRI: A workshop on ‘Road Asset Management – Needs and Imperatives’ organised
25 th	CRRI: Workshop on “Road Information System (RIS) and Computerized Project Information System (CPIS)’ organised in association with NHAI and M/s. Consulting Engineering Services Pvt. Limited (CES) New Delhi.
September 2005	
1 st	IGIB: India’s biggest Super Computer facility established with Cluster Platform 3000, Infiniband 4.7 Tera flop peak computational capability. This facility ranks 158 th among the top 500 high performance computing facilities world-wide.
10 th	NAL: The first set of blades for 300 kW wind turbine, developed by NAL was commissioned at Sangeet Wind Farm, Kethanur near Coimbatore.
13 th	165th Governing Body of CSIR held.
14 th	SERC: Visit of Dr. Felek Jachimowicz, Vice President - R&D, W.R. Grace Co., USA alongwith Dr. Allan Jones, Director – R&D, and Dr. Lowell D’souza, Innovation Specialist, W.R. Grace Co., USA for Joint Research Partnership. IGIB: Visit of High Power Committee from University Grants Commission with reference to CSIR-AIST Deemed to be University.

15 th	<p>CCMB: Visit of Dr. J. Claiborne Stephens, Senior Vice President, Motif Bio Sciences, Inc, New York along with Sri. Kevin Rakin, President and Chief Executive Officer of Genaisance Pharmaceuticals, New Haven, CT.</p> <p>NAL: Visit/inspection by the Second Sub Committee of the Committee of the Parliament on Official Language (OL)</p> <p>NAL: The First Karnataka Science Congress (KSC) jointly organised with Swadeshi Vijnana Andolana, Karnataka (SVAK). Over 250 delegates participated and 100 research papers were presented in 21 sessions. The “Sir M Vishveshvaraya Vijnana Puraskara” for the year 2005 conferred on 6 eminent scientists of the country.</p>
19 th -20 th	<p>CDRI: Conference on ‘Small and medium pharma enterprises in Uttar Pradesh: Challenges and prospects organized in collaboration with SIDBI.</p>
20 th	<p>RRL-Jorhat: Natural Hazards Awareness Programme organised in Nagaland.</p>
21 st	<p>CEERI: Foundation day celebrated</p>
23 rd	<p>NEERI: National Seminar on Safety, Health and Environment Management in Chemical Industry organised with Indian Institute of Chemical Engineers, Nagpur.</p>
25 th	<p>CCMB: Dr. R.A. Mashelkar, Director-General CSIR visited CCMB and inaugurated the Spectroscopy-I and Proteomics Facilities and addressed to the staff.</p>
26 th	<p>CSIR Foundation Day :</p> <p>Shri Kapil Sibal, Hon’ble Minister of S&T and Ocean Development and Vice President, CSIR presented the 2005 CSIR Young Scientist Awards and CSIR technology Awards. Shri Somnath Chatterjee, Hon’ble Speaker, Lok Sabha was the Chief Guest. The foundation day lecture entitled ‘Kurukshetra, Science and Transformation: Two forces that reshape the world’ delivered by Dr. Swati Piramal, Director, Strategic Alliances & Communication, Nicholas Piramal India Ltd. A cultural Programme on ‘The Dance of Life- A History of Man’s Quest for Science’ was presented by Ms. Mallika Sarabhai and her troupe.</p> <p>Some important events in the laboratories were:</p> <p>CCMB: Open Day was observed wherein more than 14,500 visitors including students visited.</p> <p>CDRI: A roving exhibition on major achievements of Lucknow CSIR laboratories was organised at Science Convention Centre. Prof. Deepak Pental, Vice Chancellor, Delhi University delivered lecture on “Molecular Biology and Precision Breeding of Crops.”</p> <p>CGCRI: Fourth Atmaram Memorial Lecture delivered by Prof. P. Rama Rao, Former Secretary, Department of Science and Technology.</p> <p>CMRI: Shri Partho S. Bhattacharyya, CMD, BCCL, Dhanbad delivered lecture on “Road Map for Revitalization of Jharia Coalfield”.</p> <p>CSIO: CPYLS organised. Prof. J.S. Sandhu, FNA, Former Director RRL, Jorhat, delivered the inaugural address. Students from Haryana participated in this two – day programme.</p> <p>CSMCRI: Dr. A.K. Luke, MD Gujarat State Fertilizer and Chemicals Ltd. Vadodara delivered the foundation day lecture on “Corporate and Research Development”</p> <p>IHBT: Dr. V. S. Chauhan delivered the Foundation Day lecture on “Possible Mechanism of Action of the Antimalarial Artemisinin”.</p> <p>IICB: Prof. K. Muniyappa, IISc, Bangalore delivered the Foundation</p>

	<p>Day Lecture.</p> <p>IIP: Prof. B R Arora, Director Wadia Institute of Himalayan Geology, Dehradun delivered lecture on "Probing the Seismic Hazard Potential of the Himalayas".</p> <p>IMTECH: Dr. K.V.S. Rao, Head, Immunology, International Centre for Genetic Engineering and Biotechnology, New Delhi delivered lecture on "The dynamics of receptor-mediated signaling: elegance in chaos."</p> <p>NAL: Prof. P. Balaram, Director, IISc, Bangalore delivered a lecture on "Measuring and Assessing Science".</p>
	<p>NIO: Padmabhushan Prof. Roddam Narasimha, FRS delivered lecture on "The Future of Indian Aerospace".</p> <p>RRL-Bhub: The Chief Guest Shri Gorachand Das, Director-Proof and Experimental Establishment (PXE) DRDO delivered lecture on "Role of test and evaluation in defence armament research".</p> <p>An Interactive Business Meet was also held.</p> <p>RRL-Jammu: Dr. Radha K Maheshwari, Professor of Pathology and Coordinator, Indo-US Activities, Uniformed Services University of the Health Sciences, Bethesda, Maryland, USA delivered lecture on "Role of Angiogenesis in Enhancement of Wound Healing and Chemoprevention of Cancer by Novel Botanicals : Benefit of Global Alliances".</p> <p>RRL-Jorhat: ISO 9001:2000 awarded.</p> <p>SERC: Open day observed. Professor P. Ramachandra Rao, Director, Institute of Armament Technology, DRDO, Pune delivered a lecture on "Creativity as a Science".</p>
29 th –30 th	RRL Bhubaneswar: National seminar on "Poly Metallic Nodules (PMN 2005)" organised
October 2005	
3 rd –5 th	NIO: Workshop on Isotope Ratio Mass Spectrometry (IRMS), organised. Co-sponsored by DST, GV Instruments UK Ltd., Manchester (UK) and Thermo Finnigan Corporation, Mumbai.
5 th –7 th	NIO: International Workshop on "IOGOOS/JCOMM Western Indian Ocean XBT training" organised.
6 th –7 th	NIO: National Conference on "Marine Archaeology of Indian Ocean Countries" organised.
8 th -9 th	RRL-Jammu: National Symposium on "An Overview of Advances in Magnetic Resonance and its Applications" organised at Gulmarg (Srinagar) in collaboration with NMR Society of India.
12 th	IIP: A high level Nigerian delegation led by Dr. Edmund Daukoru, Honb'le Minister of State for Petroleum Resources and Amb. Adamu Waziri, Honb'le Minister of Commerce Federal Government of Nigeria visited the Institute
14 th	CDRI: Bioethics symposium on "Protecting human participants in clinical research" organized.
17 th	CCMB: Visit of Dr. Alan Smith, Chief Scientific Officer and Dr. Dick Meijer, Vice President Genzyme Corporation, Germany.
18 th -19 th	CRRI: A seminar on "Bitumen Emulsions and Cold Mix Technologies for Maintenance of Roads" organised.
18 th – 20 th	NIO: Visit of Greek delegation - Dr. Evangelos Papathanasiou, Director and Prof Anastasios Eleftheriou, Scientist, Institute of Oceanography, Hellenic Centre for Marine Research, Greece to identify common areas of interest for collaboration.
19 th – 20 th	NML: Workshop on "Blast Furnace Modelling and Real-time

	Simulation”, jointly organised with Bokaro Steel Plant and RDCIS, Ranchi RRL-Jorhat: Two-day National awareness programme on application of radiation technology organised.
21 st	NIO: Visit of South African delegation comprising Prof. Cheryl Merle De La Rey, Deputy Vice Chancellor, Dr. Arletta Maria Sienaert, Director of Research Office, University of Cape Town and Dr. Xolela L. Nofukuka, First Secretary, SA High Commission, New Delhi to discuss possible collaboration in the context of the S&T agreement between the two countries.
21 st – 22 nd	SERC: A Two day Training Programme on Reservation In Service for DS/COA/US/AO/Section Officers organised.
23 rd -29 th	NPL: 28 th General Assembly of International Union of Radio Science (URSI GA-2005) organized.
24 th - 25 th	NEERI: Workshop on “Indian Urban Quality – 2005” organised jointly with INSA.
26 th -27 th	IHBT: CPYLS programme organised
27 th	NIO: Prof. M.K. Chandrashekar, 6 th recipient of prestigious Prof. Har Swarup Memorial Endowment Award, delivered a public lecture on “Biological clocks in bat, mice and human”.
30 th	CSIO: Dr. B.R. Arora, Director, Wadia Institute of Himalayan Geology, delivered the Foundation day lecture.
November 2005	
3 rd	ITRC: 40 th Foundation Day celebrated. 9 th Prof. S.H. Zaidi oration was delivered by Prof. A.K. Tyagi, University of Delhi on “Mycobacterium tuberculosis: a pathogen that refuses to be tamed”
7 th -11 th	CDRI: International symposium on ‘Emerging trends in drug discovery’ organised.
9 th -11 th	CMERI: Short Term Training Course on ‘Vibration Analysis of Rotating Equipment & Components’ for practicing power plant engineers organized.
10 th –11 th	CSMCRI: CPYLS organised. NIO: Indo-Norwegian Workshop on Environmental Management in Coastal Aquaculture organised.
11 th	CMRI: National Seminar on the use of Fly Ash in Mining Sector organised in association with TIFAC, DST Ministry of Environment & Forests, Ministry of Power, Ministry of Coal, Ministry of Mines and Ministry of Labour. IIP: National Seminar on “Vision 2010 : Analytical Techniques & Instruments for Industries, Research and Academics” organised
14 th	ITRC: International Conference on Toxicology, Environmental and Occupational health.
17 th -19 th	CEERI: CPYLS organised
17 th – 20 th	NBRI: National seminar on Nanobiotechnology – The Road Ahead & Satellite Seminar on Plant Physiology. Dr. S. Ahmad, a leading expert in Nanotechnology delivered the key-note address.
21 st	RRL-Bhubaneswar: An interactive meet with ferrochrome industries organised.
22 nd –23 rd	NISTADS: A Dissemination Workshop on Agro-biodiversity Conservation for Sustainable Livelihood of Hill Communities in Uttaranchal Rudrapryag, Uttaranchal organised.
24 th	IGIB: A Strategic Research Partnership established with Genetics Department of University of Leicester, U.K.

26 th	CCMB: Foundation day celebrated. Prof. Kai Simons, Germany delivered lecture on “Challenges in the post-genomic era”. NML: 55 th Foundation day celebrated.
December, 2005	
5 th	NAL and North Carolina A&T State University USA entered into a Non Disclosure Agreement for undertaking projects of mutual interest RRL-Jammu: Foundation Day lecture on “Balaglitazone, a New Partial PPAR- γ Agonist for Type-II Diabetes” delivered by Prof. Javed Iqbal, Distinguished Research Scientist and Global Head (Discovery Chemistry), Dr. Reddy’s Laboratories Ltd., Hyderabad.
5 th -7 th	NIO: National Workshop on “Applications of Informatics in Marine Biodiversity Conservation” organised
7 th	RRL, Bhopal bags the National Award for Fly Ash Utilization given jointly by Ministry of Power, Ministry of Environment & Forest, and Department of Science & Technology.
8 th -10 th	CGCRI: International Workshop on “Emerging Areas of Fibre Optics and Future Applications” organized.
9 th –10 th	CFTRI: Seventeenth Indian Convention of Food Scientists and Technologists (ICFOST 2005) organised in association with AFST(I), Mysore.
10 th –11 th	NBRI Annual Chrysanthemum and Coleus show organised .
12 th	CGCRI: Workshop on dynamic behaviour of materials at high strain rates (DYMAT INDIA 2005) organised.
13 th	NAL: The Karnataka Rajyotsava function of the Kannada Sanskritika Sangha celebrated. 31 st issue of popular science journal “ <u>KANAADA</u> ” released by the Chief Guest, Dr. N Sheshagiri, former DG,NIC.
13 th -14 th	CIMAP: CPYLS organized.
13 th -15 th	CMERI: Fourth Asia Pacific Drying Conference (ADC 2005) organised.
13 th 17 th	NPL: XIII International Workshop on the Physics of Semiconductor Devices (IWPSD-2005) held in collaboration with the Society for Semiconductor Devices.
13 th -20 th	IICB: ‘FOGARTY’ an International Training Workshop organised.
15 th	CCMB: South African delegation led by Dr N Msomi visited for exploration of bilateral co-operation in specific areas.
15 th -16 th	NAL: 34 th National Symposium on Acoustics of the Acoustical Society of India held. Prof. Roddam Narasimha delivered the inaugural lecture on “Aeroacoustics”.
17 th	CMERI: CSIR – Automobile Industry Get-Together on Advanced Manufacturing Technologies organised jointly with SERC. Dr. R.A. Mashelkar, DG,CSIR released the Brochure on AMT and gave inaugural address. Dr. V. Sumantran, Formerly Executive Director, Tata Motors Ltd., Pune released the Book on AMT.
20 th –21 st	RRL-Bhopal, RRL,Bhubaneswar and RRL-Jammu: CPYLS organised.
22 -23 rd	IICB: CPYLS organised
January, 2006	
1 st –2 nd	NIO: Foundation day. lecture on “Smallest building block of matter” delivered by Prof. Gerard ’t Hooft, University of Utrecht, Nobel Laureate.
5 th	CCMB: Visit of Ukranian delegation led by Dr. Oleh Semenets, Ambassador of Ukraine.

6 th	CCMB: Visit of Pakistani delegation led by Prof. Khalid Mahmood Khan, Secretary General to India to explore the possibilities of cooperation.
6 th -7 th	CMERI: National Symposium on "Investment Casting" organized.
9 th -21 st	CFTRI: National Workshop and Symposium and Sensors and Instrumentation for food processing organised jointly with Biosensor Society (India).
10 th -11 th	NML: Workshop on Electromagnetic Methods for Materials Characterisation (ENDEM) organised jointly with Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam.
12 th -14 th	NBRI: A National Symposium on 'Ethnobotany in the New Millenium' was organised. Dr. SK Jain, FNA, Former Director, Botanical Survey of India gave the key note lecture on, "Some thoughts on future directions in Indian Ethnobotany".
16 th -17 th	CMERI: CPYLS programme celebrated.
17 th -20 th	ITRC: XXIX All India Cell Biology Conference and Symposium on Gene to Genome organised.
19 th -20 th	NML: CPYLS programme organised.
20 th	CMRI: workshop on 'Strategies of environmental management in mining for sustainable development' organised. Jointly with Mysore Mineral Ltd.
21 st	NGRI: MoUs signed between DGH and NGRI for Marine Seismic and Magnetotelluric survey in Gulf of Kutch region; Magnetotelluric studies along two long transverses, Sihore to Akola and Indore to Jalgaon, Central India in Narmada-Tapti Basins; Analysis of Aerial Imagery/ Remote sensing data over Narmada Cambay / Deccan syncline region in Central India.
24 th	NPL: Special lectures organised on Metrology in Chemistry by Prof. Paul De Bievre, Member, ISO Council on Reference Materials; Member, Consultative Committee on Amount of Substance and Editor-in-Chief, Journal Accreditation and Quality Assurance ("ACQUAL")
25 th	IMTECH: Foundation day lecture delivered by Dr. R. A. Mashelkar, DG-CSIR on "Making high technology work for poor"
27 th	CRRI: A workshop on "Accelerated Pavement Testing Facility Capabilities, Utilization and Benefits" organised.
29 th -30 th	IICB: "TRendys in BIOCHEMISTRY-2005" organised.
31 st	CIMAP: "Harit-CIM-Utsav" with Kisan Mela organised.
31 st January-1 st February	CMERI: National Workshop on "Microsystem manufacturing technologies" organised.
February, 2006	
9 th	CDRI: 9 th Dr. B Mukherji Memorial Lecture delivered by Prof. K Muniappa, Chairman, Department of Biochemistry, IISc , on "Telomere length maintenance as a target for anticancer drug discovery".
10 th	NPL: XXXI K. S. Krishnan Memorial Lecture delivered by Prof. C.N.R. Rao
13 th	CMRI: Industry Meet on FLP Equipments organised.
16 th	166th Governing Body of CSIR held.
17 th	CDRI: On the occasion of Foundation day, 31 st Mellanby Memorial Oration delivered by Prof. Asis Datta, Director, National Centre for Plant Genome Research, New Delhi on 'Winning of disease and

	hunger: Chasing a dream'
18 th – 22 nd	SERC: Participated as part of the CSIR common pavilion put up at the Exhibition at Amethi.
19 th	CSIR Hqs.: Shri N.R. Narayan Murthy, Chairman and Chief Mentor, INFOSYS, delivered the P.N. Haskar memorial Lecture on “A framework for urban planning for modern India”. The lecture was jointly organised by the Society for Technology and National Development (STAND) and CSIR.
23 rd -24 th	NIO: National Seminar on “Sustainability of Seafood Production” organised in association with Society for Indian Ocean Studies), New Delhi.
24 th –26 th	CDRI: International Conference on “Drug discovery: Perspectives & Challenge” and International Satellite Symposium on “Medicinal plants functional foods in the management of diabetes, obesity and cardiovascular disease” organised.
25 th	RRL-Bhubaneswar: Orientation seminar on “Biotechnology – A New Frontier of Life Sciences” organised jointly with Trident Academy of Creative Technology (TACT), Bhubaneswar.
28 th	<p>CSIR laboratories observed the National Science Day in commemoration of the outstanding discovery of Raman Effect by Nobel Laureate Sir (Prof.) C.V. Raman.</p> <p>CSIO: Open Day was observed. Shri Naga Chenchiah, CMD, Semi-Conductor Complex, Mohali, delivered lecture on “An Introduction to Remote Sensing Technology”.</p> <p>IICB: Prof. Shymal Chakrabarti, Department of Chemistry, Calcutta University delivered a lecture – “Bigyanar Ekal and Sekal”</p> <p>IIP: Prof. S K Joshi, Ex. DG-CSIR delivered a lecture on the emerging science titled “Nanoscience and Nanotechnology : Endless Frontiers”.</p> <p>NAL: A lecture on “The Units of Darwinian Natural Selction - When should players sacrifice themselves for the sake of their team?” was delivered by Prof R Gadagkar, Chairman, Centre for Contemporary Studies and Professor, Centre for Ecological Sciences, IISc, Bangalore.</p> <p>SERC: Dr. T.N. Gupta, former Executive Director, Building Materials & Technology Promotion Council, New Delhi delivered a lecture entitled “Natural Disasters: Vulnerability Reduction in Urban Areas” and Dr. Appa Rao, former Director, SERC, on “Current Trends in Development of Engineering Sciences”.</p>
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7 th -8 th	NIO: Workshop on “Science-Policy Interactions on the River Basins and Coastal Zone Management” organised.
8 th -10 th	NML: International seminar on “Mineral Processing Technologies” – MPT 2006 organised jointly with M/s Tata Steel.
27 th	RRL-Jammu: RRL, Jammu in collaboration with DST, New Delhi organised Regional workshop on “Technology Development, Transfer and Utilization” at Srinagar
29 th	CDRI: Symposium on “Current trends in management of cerebral stroke” organised
31 st	CGCRI: Visit of Shri Kapil Sibal, Hon’ble Minister for Science and Technology & Ocean Development and Vice President , CSIR Society

