

Organizing Secretary dealt in detail on the focal theme of the National Workshop.

During the technical sessions, the distinguished speakers from various universities, Research Organizations delivered useful talk. Prof. Surendra Singh, Department of Biosciences, Rani Durgavati Vishwavidyalaya, Jabalpur in his talk on 'exploitation of algal diversity as a future food and fuel' described how the algae can fulfil the food and fuel need of burgeoning population of the world. Dr. Naveen Kango, Head, Department of Applied Microbiology, Dr. H S Gour University, Sagar in his presentation on the 'role of fungal diversity for isolation and characterization of thermophilic enzymes which are industrially important' discussed and guided the participant to take this area as their research interest.

During the National Hands-on Workshop Er. Anant Soni, Chairman, AKS University, Prof. Ashok Kumar, Vice Chancellor, AKS University, Prof. Bhusahn Dewan, Pro Vice Chancellor, AKS University, Dr. R.P.S. Dhakarey, Dean, Faculty of Life Science, Dr. R. N. Tripathi, Dean, Basic Science and Dr. R.S. Nigam, Dean, R&D, AKS University in their inaugural addresses encourages the participants to grasp the knowledge and take the full advantage of the Workshop.

Dr. Diwakar Singh, Department of Biotechnology, Indira Gandhi National Tribal University (IGNTU), Amarkantak delivered his talk on 'research in tuberculosis' and gave a practical demonstration on the field. Dr. Jitendra Malviya, Department of Biotechnology, IGNTU gave his talk on 'molecular marker for assessment of microbial diversity'. Dr. Akhilesh Rawat, R&D Head, 3B Blackbio Biotech India Ltd, Bhopal, gave his presentation on different tools used for gene expression analysis. Dr. Rawat also demonstrated gradient PCR and amplification of 16S rDNA to the participants. Each participant also did this hands-on experiment at their own. The fourth day of National Workshop was dedicated to the complete hands-on training to each student on different genomics techniques. Dr. Kamlesh Choure, Head, Department of Biotechnology gave complete demonstrations on the same and participants did all the experiments at their own.

Dr. Anita Tilwari, Scientist from MP Council of Science and Technology, Bhopal gave a scientific and practical approach to study the microbial diversity by using molecular and bioinformatics tools. Mr Maynk Tenguria from Bhopal gave a lecture on

'Entrepreneurship development in biotechnology'. Participants learned about different bioinformatics tools by Dr. Khushhali M. Panday from Maulana Azad National Institute of Technology, Bhopal. She described different tools available to study the DNA databases and protein databases. During the Workshop all participants learnt and practiced on BLAST, FAST, Multiple sequence alignments, phylogenetic analysis and autodok. Mr. Mohit Jha and Mr. Kamal Soni, Research Scholars from MNIT, Bhopal assisted them in all matters. All the participants attained hands-on training in laboratory on techniques of molecular biology, and bioinformatics (Phylogenetic analysis, drug designing, molecular simulations, protein modeling with help of different softwares).

The Valedictory function of the National Workshop was presided over by Shri B.P. Soni and expressed his expectations from the participants. Shri Ramgopal Soni, IFS and Member Secretary, MP State Biodiversity Board, Bhopal delivered the valedictory address and awarded the certificates to the participants. Dr. Kamlesh Choure, Organizing Secretary, gave a brief report of the National Workshop. Dr. Mahendra Tiwari expressed the vote of thanks.

Seminar on Application of WEB 2.0, LIB 2.0 and Social Media for Academic Library and Information Services

A one-day Seminar on 'Application of WEB 2.0, LIB 2.0 and Social Media for Academic Library and Information Services' was organised by the Department of Library, Coimbatore Institute of Technology (CIT), Coimbatore in association with Society for the Advancement of Library and Information Science (SALIS) recently. The Seminar was sponsored by Technical Education Quality Improvement Programme – Phase II (TEQIP). Altogether delegates from all parts of Tamil Nadu participated in the Seminar.

In the Inaugural function Dr. M. Mandhirasalam, Organizing Secretary and Librarian, CIT delivered the welcome address. He briefed about the Social Networking Tools (SNT) and its positive applications in academic library services. He also briefed the session topics of the Seminar and introduced the resource persons to the participants. Dr. S. Surianarayanan, President, SALIS and Selection Grade Librarian, Sri Paramakalyani College, Alwarkurichi, Tirunelveli explained the 'Role of SALIS in Professional Development' by explaining the structure and chapters of SALIS and the various activities of SALIS in

promoting LIS profession by conducting conferences, awards, scholarships and its information services to the members through its e-group.

Dr. V. Selladurai, Principal, CIT Institutions released the 7th Issue of 'SALIS Journal of Information Management and Technology' and delivered the presidential address. In order to cope up with the advancements in ICT, he insisted the LIS community to adopt and use the ICT based technologies like social media to provide the required information services to the users at their doorstep. He also insisted the librarians to create a personal or online network among them to support the information requirements of users.

Dr. S. Srinivasa Raghavan, Professor and Head, Department of Library and Information Science, Bharathidasan University, Tiruchirappalli delivered the keynote address. In his keynote address, he explained the role of libraries changed from storehouse to information centers to reach the unreached through online and mobile library services. He insisted the librarians to use the interest of users in social media to the library resources and services like the practice of libraries in western countries. Ms. A. Aruna, Librarian, CIT proposed the vote of thanks.

Dr. M. Surulinathi, Assistant Professor, Department of Library and Information Science, Bharathidasan University was the resource person in the first technical session on 'Web 2.0 and Social Networking Tools (SNT): An overview'. He explained various Social Networking Tools (SNTs) which are useful for library services. He also explained various SNTs like Blog, Wiki, Facebook, Flickr, Orkut, Youtube, Skype, Weeby, Webnode and RSS and their relevance for library services. He also demonstrated the application of various SNTs in library services like mobile SMS, talk with librarian, federated search, online document delivery service, meebo reference service and web blog etc.

Dr. R. Balasubramani, Assistant Professor, Department of Library and Information Science, Bharathidasan University was the resource person for the second technical session on 'Application of Facebook and Twitter for innovative library services: Case studies'. He explained in detail the Facebook and Twitter and its positive applications to library services. He also listed negative side of Facebook and Twitter explaining with various risk factors involved in them. Mr. J. Arumugam, Officer, Information Resource Centre (IRC), Tata Consultancy Services (TCS) was

the resource person for the third technical session on 'Creating Library Blogs for promotion and sharing of library resources and information'. He explained in detail the role of blog in promoting and marketing library services among the user community. He also explained some important library blogs which are used for promoting library services.

Mr. B. Jeyaprakash, Assistant Professor, Department of Library and Information Science, Bharathidasan University was the resource person for the fourth and final technical session on 'Requirements and Issues in the application of SNTs in academic library and information services'. He explained various requirements and issues in the use of SNTs in academic library services using examples from 'Social Bookmarking' and 'Reference Manager'. All the technical sessions were conducted with live demo by creating a personal account in respective SNTs and its applications in library services.

In the Valedictory Function, Dr. M. Mandhirasalam delivered the welcome address. Few participants offered their feedback about the Seminar and its usefulness. Dr. V. Selladurai, Principal, CIT Institutions delivered the presidential address and distributed the participation certificates to the delegates. Dr. J. Dominic, Chief Librarian, Karunya University, Coimbatore delivered the valedictory address. He elaborated that the role of libraries in teaching learning process will be evaluated based on their use of ICT in providing appropriate online services to the users. He insisted the librarians to use SNTs in library services to reach the users through blogs and mobile services. Dr. R. Senthilkumar, Secretary, SALIS Coimbatore Chapter and Selection Grade Librarian, Kongunadu Arts & Science College, Coimbatore proposed the vote of thanks.

International Conference on Auto-Machine and Mechanical Systems

A two-day International Conference on 'Auto-Machine and Mechanical Systems' was held at Lingaya's University, Faridabad recently. The Conference was inaugurated by Dr. R. K. Chauhan, Vice Chancellor of the University and was attended by eminent academic and technocrats from India and abroad. Prof. N. K. Tiwari, Former Head of the Department of Mechanical Engineering, IIT Delhi was the keynote speaker in the inaugural session who gave the historical background of the development of the mechanical system in the world and highlighted recent