

BHU NEWS

a magazine of ideas, views & news

content

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'News Letter' also available on website www.bhu.ac.in**WOMEN'S EDUCATION IN INDIA**

Usha Mittal*



It is very special privilege and pleasure for me to be here today, after 34 years among a group that is so dear to my heart. I was a student of Women's College from 1966 to 1970. I have very fond memories of that time and the education I received has benefited me tremendously in my life. What I have learned from here under respected educationists have proved to be of immense value all through my life.

Education is one of life's greatest gifts. It gives people the chance to develop their skills, the opportunity to achieve a brighter future and financial independence. Many in India, unfortunately still lack this fundamental gift and the opportunities it brings with it. The Indian Government has invested in education and has made a determined effort to promote education, even made education compulsory upto 14 years of age yet today adult literacy remains an issue in our nation. In 2001 Indian adult literacy was reported at 57%. India's adult literacy amongst women is likely to be even lower, specially in higher education. Here in BHU out of the 14669 students the women students are only 3869.

Today in developed nations women are perceived as equal to men in the treatment they receive in education. Thus women have scaled the heights in many spheres of human endeavour, from business to politics, from arts to technology, in sports and service industry. Women represent roughly half of nation's human capital. Restricting the opportunities for education and development to 50% of the people restricts the nation's economic power. There is a Chinese saying if you educate a man you educate a person but if you educate a woman you educate the whole family. Thus women's education is even more important.

Where the opportunity has been available, women in India, as elsewhere, have grasped it and have excelled. We have had a woman as our Prime Minister; we have women pilots, engineers, technologists, astronauts, business-women,

although still not at a level commensurate with our proportion of the population. Men and women should have equal opportunities not only in education but in all spheres of life, so that society is equally balanced.

The new millennium is also happily enough a millennium of the young. On their strong shoulders rests the responsibility of taking the nation forward in all directions. That young Indians have a role to play, not only within India but equally in the advancement of a global world, is already quite clear for us to see. The vacuum of educated manpower shortage in the west is being met from India in a big way. Indians have proudly made a mark wherever they have gone.

Given the need to maximize the potential of women in our society, how can we contribute? It is my belief that if educated men and women start contributing towards this goal then it is not far when men and women will have equal opportunities in India as well. In my own small way I would make efforts towards this goal and request all students present to first take the maximum benefit out of the opportunity given to them and later in life contribute towards women's education in whatever way they can. This would allow the women of our country to achieve the status that is rightfully ours. BHU alumni now spread over the entire globe, can pause to look in retrospect like me at the privilege of having been a part of a noble tradition such as this. This great institution has indeed made its own contribution to grooming young ones as leaders in diverse fields. Today, as we celebrate the Platinum Jubilee, we can look at ourselves with justified pride for BHU's role in the nation building responsibility.

I am more grateful than I can express to you for this wonderful opportunity of being with you and sharing my thoughts. I wish this great institution will keep this good work in the future as well and I look forward to watching it advance to new heights. Ladies and Gentlemen, let me thank you for your attention.



Savitri Devi Dalmia Vigyan Bhavan (Mahila Maha Vidyalaya)

* Speech by Smt Usha Mittal, Summer Palace, London on the occasion of Inauguration of Platinum Jubilee Celebrations of MMV on March 14, 2004. She could not attend the inaugural function.



INSTITUTE OF MEDICAL SCIENCES

The Institute of Medical Sciences is a unique institution offering under one roof the best of Modern Medicine along with the Traditional Ayurvedic System of Indian Medicine. Soon after the establishment of Banaras Hindu University by Pandit Madan Mohan Malviya, in 1916, the Department of Ayurveda was started as a part of the Faculty of Oriental Learning and Theology in 1922. With the initiation of the then Maharaja of Banaras Sir PN Singh, Sir Sunder Lal Hospital with 96 indoor and 200 outdoor patients was constructed in 1926. In 1927 a separate Ayurvedic college was started for imparting training in both Ayurveda and Modern Medical Sciences under the Faculty of medicine and Surgery (Ayurveda). Late Prof KN Udupa, an alumnus of Ayurvedic College, joined as Professor of Surgery and Principal in 1959. Under his leadership the Ayurvedic College was converted into the College of Medical Sciences in 1960. To start with there were only 10 departments of which 9 were in Modern medicine and a Department of Ayurveda. The College of Medical Sciences had also the unique distinction that its MBBS training was recognized both by the Medical Council of India and the General Medical Council of UK in the very beginning. In 1963, undergraduate training in Ayurvedic Medicine was stopped and a Postgraduate and Research Center in Indian Medicine was established as an integral part of the College of Medical Sciences and postgraduate courses in various Ayurvedic specialities were started. Simultaneously, in Modern Medicine also, postgraduate medical education was started in a phased manner in 1963, initially as an in-service program but subsequently as a formal training program leading to the award of MD/MS degree. In 1965 a Children Hospital was built with the help from UP Government which was inaugurated by Late Smt Indira Gandhi. An eye and ENT hospital built by Shri Bhualaka was opened for general public by the then Prime Minister, Shri Lal Bahadur Shastri in 1966. Later a Radiotherapy Centre, a Private Ward and a Traumatic Ward were created. A further landmark for the Institution was in 1971 with the up gradation of the Medical College to the Institute of Medical Sciences, after the approval of the President of India in his capacity as the Visitor of the Banaras Hindu University. In 1976, DM and MCh courses were started in 10 super-speciality, five each on the medical and surgical side. In 1978, the existing



faculty was bifurcated into the Faculty of Ayurveda and Faculty of Medicine. Side by side, the Sir Sunderlal Hospital, attached to the College of Medical Sciences also progressed due to the untiring efforts of a large number of persons. From a 96 bedded hospital in 1924 to a 550-bedded hospital in 1978 and presently to a 1000-bedded hospital. Moreover, there are 32 rooms in the special ward. With a dedicated and extremely competent faculty, Institute has grown to become a premier tertiary care referral center which caters to a population of more than 160 million, belonging to the states of Uttar Pradesh, Bihar, Jharkhand, Madhya Pradesh and Chhattisgarh and even Nepal. In 1998 all the 10 divisions of super-speciality were upgraded to the departments. Very recently a new super-speciality Department of Oncology was created in 2004.

The Institute has presently three faculties (1) Faculty of Medicine (2) Faculty of Ayurveda and (3) Faculty of Dental Sciences. The present strength of the faculty of Modern Medicine is Thirty Three departments including Eleven Super Speciality Departments and two important divisions (Division of Biostatistics and Division of Geriatric Medicine), one unit (Molecular Biology) and a Center for Experimental Medicine and Surgery. The institute have also a UGC

recognized Advanced Immunodiagnostic Center. Faculty of Ayurveda has 8 departments. The Ayurvedic Faculty that provides training at both under graduate and post graduate levels is recognized as World Health Organization (WHO) Centre for collaborative research in Traditional Medicine. Faculty of Dental Sciences was created very recently in the year (2005) with a single department. Within the institute there is a Nursing School for the nursing training.

ACADEMIC STRENGTH

Every year 59 students are admitted to the MBBS course, 82 students to postgraduate courses and 18 students for DM and MCh courses in the Faculty of Medicine. In the Faculty of Ayurveda, 50 students are admitted for BAMS course (undergraduate) and 25 students for postgraduate studies. A number of foreign students sponsored by the Government of India are also admitted both for undergraduate and postgraduate training. So far more than 2000 MBBS graduates and an equal number of postgraduates have passed from the portals of this institute who are spread throughout the world making remarkable contributions to the society and adding to the prestige of this great institution. On the basis of work carried out the unit of Molecular Biology was given the status of

CAS and SAP respectively. Inter disciplinary Ph.D. programs are available for research of a high caliber in all the faculty of Medicine and Ayurveda. Besides under graduate and post graduate programs, various self financing diploma courses are also run by the Institute in the various departments viz. Diploma in Dialysis Therapy in the Department of Nephrology; Post-graduate Diploma in Medical Laboratory Technology in the Department of Pathology; Postgraduate Diploma in Ayurvedic Drug Standardization in the Department of Dravyaguna and Post graduate Diploma in Panchkarma in the Department of Kayachikitsa. In addition, the Department of Community Medicine started a new postgraduate course in M.Sc. in Health Statistics on regular basis with an annual intake of 10 students.

Almost all the teachers are actively involved in carrying out advanced need based research. In addition to teaching and outdoor & indoor patient care the research output led to an impressive number of publications more than 205 International and more than 730 national in referred Journals during the last 5 years. Not only research publications the books, monographs, chapters in books, abstracts and several research souvenirs are credited to the teachers of the Medicine Faculty. Moreover, about 80 MD/MS/DM/M.Ch./MDS and 10 Ph.D. are supervised each year.

Teachers have been honored with numerous national and international awards in recognition of their scientific achievements. Some of the important awards both at the National and International levels received by our faculty of past and present include Padma Shri, Professor B.C. Roy Awards, Ranbaxy Research Award, Glaxo Oration, Colonel Pandalai Oration, Shakuntala Amir Chand Prize and Oration of the National Academy of Medical Sciences, Hari Om Ashram Awards, INSA Awards, Boyscast Fellowship of DST, Commonwealth Fellowships, Heinz Fellowships and Fellowships of the UICC and many more. The faculties of institute are members of Advisory Committees of research bodies such as WHO, ICMR, DST and DBT, Govt of India Expert Committees. They have served as Presidents or Secretaries or members of Governing Councils of their respective National or Regional bodies such as the Indian Association of Paediatric Surgeons, Indian Society of Anaesthesiology, Urological Society of India, endocrine Society of India, National Neonatology Forum, Association of Surgeons of India, Indian Society of Haematology and Transfusion Medicine etc. They have written books and are editors of scientific journals like Indian Journal of Orthopedics, Anesthesia bulletin, Indian journal of Preventive and Social Medicine, Quarterly journal of Surgical Sciences

and review journal of Medical Sciences in Hindi. Many of our faculties are members of the editorial Board of various journals including some prestigious International journals like the journal of Surgical Oncology, International Journal of Infectious Diseases. Approximately 326 articles, 9 books and 2 monographs were published in year 2002-2003 alone.

The success of our academic and research performance is that in a survey published in the British Medical Journal (7:414, 1991) and the national Medical Journal of India, the Institute of Medical Sciences was rated as the third best amongst 128 medical College in the country in terms of research output and publications in international medical journals. The institute has academic linkages with prestigious international institutions like Center for Pathology Informatics, Pittsburgh, USA, National Institute of Allergy & Infectious Diseases, NIH, USA, Institute of Tropical Medicine, Belgium; Cornell University, Weil Medical College, New York, USA; Infectious Diseases Research Institute, Seattle, USA; INSA exchange program (Poland); (BPKIHS) Nepal on Govt. of India Deputation; Collaboration with UK & USA in pipeline; Indo-U.S Science & Technology forum for stem cell transplantation; University of Maryland, Baltimore USA; University Medical School Nagoya, Japan; Mahidol University, Thailand; Jayaverdenapura University, Sri Lanka; Israel Science Foundation; Polish Academy of Sciences through Indian National Science Academy; High link education program with university of Leicester, UK.

Institute has research projects supported by the World Health Organization, Geneva, National Institutes of Health, Bethesda, USA, Rockefeller Foundation, New York, USA, Department of Science and Technology (DST), Indian Council of Medical Research (ICMR), Council for Scientific and Industrial Research (CSIR), Department of Biotechnology (DBT), University Grants Commission (UGC), Council for Science & Technology (CST), Uttar Pradesh Government,

some pharmaceutical houses and by intramural research grants include Molecular Biology, Teratology, Immunology and Immunocytochemistry, Hematology, Oncology, Malnutrition, Neurosciences, Infectious diseases including Kala-azar, Sports Medicine, Community Medicine and Epidemiology, Behavioral Sciences and many areas of clinical research in different disciplines.

The Department of Psychiatry has been identified as a de-addiction centre by the United Nations Drug Control Program. The National AIDS Control Organization has started a new Anti Retroviral Therapy Centre (ART Centre) in collaboration with Department of Medicine which is the first centre in U.P. to treat the patients who are ailing with HIV/AIDS. The national AIDS Control Organization is also running a Prevention of Parent to Child Transmission of HIV Centre (PPTCT Centre) in collaboration with the Department of Obstetrics and Gynaecology in the interest of maternal health care. The UGC through the COSIST program is funding a specialized Molecular Biology Unit and Cancer Research Program.

MAJOR FACILITIES AND CENTRES

Hospital Level

Sir Sunderlal hospital which is a 1000 bedded tertiary care level referral center, the only hospital between Delhi and Calcutta providing comprehensive medical care to nearly 160 million population (yearly outdoor and indoor attendance 6,00,000 and 30,000 respectively besides 30,000 major and minor operations). This comprehensive care includes all modern medical facilities including super-speciality services and also facilities for treatment by the Ayurvedic system of medicine. The hospital provides round the clock, emergency services, diagnostic workup and labour room facilities where 2000 deliveries are conducted every year. Department of Radiology is well equipped with a whole body CT scan, a MRI machine of 0.2 Tesla



with its own generator assistance, a Color Doppler, Ultrasonography in addition to conventional radiological investigations. The Blood Bank of the hospital is one of the best equipped in the country with a cell separator and facilities for component therapy. The Central Supply and Sterilization as well as the Laundry are also well equipped. A state of the art 16 bedded Intensive care unit under the Department of Anesthesiology, a modern coronary care unit with pacing facilities and non-invasive cardiac diagnostics in the Department of Cardiology and a new look Casualty OPD and ward are some of the recent additions which have helped tremendously in providing still better care to the patients. A level III Neonatal Intensive care unit is going to be commissioned very soon and together with the already existing ultramodern Neonatal Surgery Unit of the Department of Paediatric Surgery would provide the best possible care to the newborns. The Department of Gastroenterology, Orthopaedics and Ophthalmology have been equipped with video-endoscopes, image-intensifiers and laser facilities, a new Cobalt machine has been commissioned in the Radiotherapy Department, a DEXA machine has been acquired by the Department of Endocrinology for the study of osteoporosis, a flow cytometer has been commissioned in the Department of Medicine for advanced immunological studies, a harmonic knife has been acquired by the Department of Paediatric Surgery for liver surgery, a new heart-lung machine for coronary bypass surgery by the Department of Cardiothoracic Surgery and a C-Arm with DSA in Neurosurgery. Affordable minimal access surgery or laparoscopic surgery facilities are being provided by the hospital in General Surgery, Urology and Paediatric Surgery.

College Level

The Faculty of Ayurveda has been recognized as WHO Collaborating Center for research in the Traditional System of Medicine. Every department is access to the internet facility. The institute has a big library with about 1 lac text books and reference books and subscribes 25 national and 112 international journals in addition to global package of WHO. The institute has started to work on automation of the library functions and creation of a Digital Library for e-journal access. In addition to these facilities, institute is organizing weekly Clinical Society Meeting and Research Forum to upgrade the knowledge of both teachers and students.

For the purpose of teaching to both undergraduate and post graduate as well as research institute has Cell biology lab, DNA based lab, PCR lab, Kalajar and infectious disease lab and advanced immunodiagnostic lab. Besides teaching at college level and training in hospital,

the department of Community Medicine extends the training of under graduates of the Institute and post graduates of the department at the community level through Rural and Urban Health Centers.

Prof KN UDUPA AUDITORIUM

Prof. KN Udupa Air-conditioned Auditorium with capacity of 350 was made two years back in the memory of founder father of the Institute late Prof. KN Udupa. In addition to auditorium, Institute has one transit house with 10 rooms in the unit of Molecular Biology.

STUDENTS AMENITIES

Hostels : All the admitted students to various medical degree courses are necessarily provided hostel accommodation within the campus. Institute has 5 hostels for boys and one for girls along with accommodation facility for married postgraduates. All the hostels are now connected by LAN to the Computer Center of the University. For field work, students are provided the transport facility through two 32 seated bus. Institute has a very good canteen for refreshment and the lunch. A coffee machine is also installed near the library that functions during the library hours.

Co-curricular and Extra-curricular Activity

The students have ample of opportunities to develop their hobbies and talent in cultural activities and sports at institute playground in front of Ruiya Hostel with all kinds of facilities and a coach.

FUTURE ACTION PLANS

The Institute of Medical Sciences has been providing medical services, teaching and research activities in almost all the fields of medical sciences. With passes of time, it needs strengthening as well as upgradation of different specialities and super-specialities departments to have pace with advancing knowledge, diagnostic facilities and therapy. In view of the emerging need, the Institute has following plans to achieve the goals in future in order to augment the services to the level of the satisfaction of the community as well as training of students.

To increase the number of beds and facilities required to manage satisfactorily the emergency cases in general and pediatric causality in particular.

- To develop integrated trauma center so that increasing quantum of accidental injuries could be managed.
- To develop a separate super-speciality hospital complex to provide tertiary care level services.
- To strengthen the advanced research in medical sciences
- To plan for resource generation activities through the hospital in order to overcome the financial constraints.

Developmental Works

During the last three years, the following plan-proposals were completed:

- KN Udupa Auditorium constructed
- Extension of Hospital Emergency
- Child care emergency in the department of Paediatric
- Peritoneal Dialysis Machine and Dialysis Fluid Machine installed
- Limbic Stem Cell Culture laboratory
- Nursery care unit
- Burn unit
- Creation of Faculty of Dentistry
- Networking through LAN of IMS building, Ayurvedic faculty building, Auditorium, Radiotherapy Department, Ophthalmology Department & Pediatric Department
- Extension of Director Office
- Establishment of Infectious Diseases Lab
- Installation of Dexa Machine in the Department of Endocrinology
- Installation of Mammography Machine in Radiology Department
- Installation of new Cobalt Machine in Radiotherapy Department
- Renovation of Operation Theatre of Oncology
- Installation of New Heart Lung machine
- Addition of new floor in Pediatric Surgery Department
- Procurement of good number of machines in various departments of Hospital
- Renovation of Obstetric & Gynaecology ward with all modern facilities
- Renovation of toilets of IMS building
- Aluminum partition with Air-conditioning of library
- Renovation of roof of PPP room, Prasuti Tantra & Cardiology unit

Developmental works under process

- Upgradation of the Institute & SSH
- Installation of Hospital Information System
- Installation of Electron Microscope by the Department of Anatomy, funded by DBT, Government of India
- Automation of library
- Construction of third floor of fourth wing of IMS building
- Renovation of Motor garages and vehicle stand
- Construction of additional toilets and bathe room in Nagarjun Hostel
- Modernization of Emergency Ward
- Renovation of Gas House Plant Building & construction of first floor of Director's Office on the Gas House Building
- Addition of 6 ECG machines for cardiology Department
- Pulmonary Function Machine for TB & Chest Department
- Extension of Paediatrics Ward & out patient building



appointments

Direct Appointments in October 2005

SI No	Name of Department	Professor	Reader	Lecturer	Other Post
1	Physics	4	7	8	
2	Chemistry	1	5	7	
3	Geology	3	1	2	
4	Computer Science	-	-	1	
5	Computer Centre	-	1	-	System Manager Maintenance Engineer Jr. (One) Programmer (One)
6	Statistics	2	-	-	
7	Mathematics	1	-	3	
8	Geography	2	2	4	
9	Geo-physics	1	4	2	
10	Botany	2	1	7	
11	Bio-Chemistry	1	-	1	
12	School of Bio-technology	-	1	1	
13	M.M.V. (a) Bio-Informatics	-	-	1	
14	Molecular & Human Genetics	-	2	1	
15	Zoology	1	-	-	
16	Education	-	-	3	
17	Law	-	5	1	
18	Dravya Guna (Ayurveda Samhita)	-	-	2	
19	Basic Principle	-	-	2	
20	Kaya Chikitsa	1	1	2	
21	Prasuti Tantra	-	1	1	
22	Rasa Shastra	-	-	1	
23	Shalya Shalakyā	-	1	1	
24	Medicinal Chemistry	1	1	-	
25	SSHospital				Medical Officer (3) Dy. Medical Superintendent (2) Anesthetist (1)
26	Sociology	-	-	1	
27	Political Science	-	4	-	
28	Economics	-	2	1	
29	Neurology	1	-	-	
30	Surgical Oncology	-	1	1	
31	Dentistry	1	-	-	
32	Communicative Medicine		1 PSM	1 Statistics	
33	USHCC	-	-	-	Medical Officer (2)
	UEHCC	-	-	-	Medical Officer (3)
34	Centre of Experimental Medicine & Surgery	-	-	-	Senior Research Officer (2) Junior Research Officer (1)
35	Hindi	-	-	11	
36	Bengali	-	1	-	
37	French	-	-	-	
38	English	-	2	6	
39	A.I.H.C.	-	3	2	
40	Persian	-	-	1	
41	Philosophy & Religion	-	-	1	
42	Japanese	-	-	1	
43	Russian	-	-	1	
44	Linguistic	-	-	3	
45	UGC Academic Staff College	-	1	1	Director (1)
46	Civil Engineering	-	1	-	
47	Chemical Engineering	-	-	3	
48	Pharmaceutics	-	5	2	
49	IT	-	-	-	Training & Placement Officer(1)
50	Mining Engineering	-	3	-	
51	Electrical Engineering	-	6	5	



promotion

Promotion and Placement under CAS

Sl No	Name of Department	Professor	
1	Chemistry	6	(MMV-1)
2	Botany	2	
3	Biochemistry	1	
4	Biotechnology	2	
5	Medicinal Chemistry	3	
6	Psychology MMV	1	
7	Centre of Malviya Peace Research	1	
8	Political Science	4	
9	Economics MMV	1	
10	Linguistic	1	

Promotions Reader/Lecturer – Selection Grade

Sl No	Name of Department	Reader	Lecturer
1	Mathematics	-	1
2	School of Biotechnology	1	1
3	Law	-	1
4	French	1	
5	Urdu	2	
6	Mining		1

Placement as Lecturer (Senior Scale)

Sl No	Name of Department	Lecturer
1	Geography	1
2	Botany	1
3	Biochemistry(F/oSc.)	1
4	Education	1
5	Prasuti Tantra	1
6	Rasa Shastra	1
7	Persian	1
8	Chemical Engineering	1
9	School of Biomedical Engg	1
10	Applied Maths(English) IT	1
11	Mining Engineering	1

SCHEDULE OF SEMINAR/CONFERENCES

Events in Current Month	Name of Programme	Name of the Organizer & Dept./Faculty
22.10.2005	Carrie Building	Mountaineering Centre, B.H.U.
22.10.2005 to 23.10.2005	CME on "Surgery Update-Theme – 'How I do it?'"	Prof. V.K. Shukla, Head, Department of General Surgery, I.M.S., B.H.U.
23.10.2005	B.H.U. Management Alumni Association Meet	Dr. H.P. Mathur, Management Studies, B.H.U.
24.10.2005	National Conference on "Corporate Excellence through Human Values"	Prof. S.K. Singh, Management Studies, B.H.U.
28.10.2005 to 30.10.2005	International Seminar on "Curricula Building in Peace Studies"	Prof. Priyanka Upadhyaya, Malviya Centre for Peace Research, Faculty of Social Sciences, B.H.U.
Events in November 2005		
06.11.2005 to 08.11.2005	International Seminar on "गोदान को फिर से पढ़ते हूँ – Re-Reading GODAN"	Dr. Sadanand Sahi, Research Scientist 'C', Dept. of Hindi, B.H.U.
14.11.2005 to 16.11.2005	*An International CME Programme III in Child and Adolescent Psychiatry	Dr. Indira Sharma, Dept. of Psychiatry, I.M.S., B.H.U.
16.11.2005 to 18.11.2005	National Seminar on "Hasrat-Mohani"	The Head, Department of Urdu, B.H.U.
21.11.2005 to 22.11.2005	Seminar on "Indo-Canadian Relations"	Prof. R. R. Jha, Canadian Studies Development Programme, Dept. of Political Science, B.H.U.
23.11.2005 to 24.11.2005	Organize Principals Meet	Prof. Janardan Singh, UGC-Academic Staff College, B.H.U.
25.11.2005 to 26.11.2005	National Seminar on "Recent Trends in India's Foreign Policy"	Prof. A.S. Upadhyaya, Department of Political Science, B.H.U.
28.11.2005 to 30.11.2005	"International Conference and Humboldt-Kolleg on Structure and Characterization of Physical, Chemical, Bio- and Geo- Materials"	Prof. B.P. Asthana, Department of Physics, Faculty of Science, B.H.U.

Events in December 2005	Name of Programme	Name of the Organizer & Dept./Faculty
05.12.2005 to 08.12.2005	Workshop on "Human Values for Pursuit of Excellence"	Prof. S.N. Upadhyay, Malviya Centre for Value Studies, Malviya Bhawan, B.H.U.
09.12.2005 to 11.12.2005	National Convention on "Environmental Engineering with Special Emphasis on Cost Recovery & Pricing of Services"	Prof. Goutam Banerjee, Department of Civil Engineering, I.T., B.H.U.
16.12.2005 to 18.12.2005	Seminar on "Role of Recent Advances in Ayurvedic Drug Standardisation"	Dr. V.P. Singh, Department of Medicinal Chemistry, I.M.S., B.H.U.
19.12.2005 to 29.12.2005	Intensive Course on "Heterogeneous Catalysis"	Dr. A.S.K. Sinha, Dept. of Chemical Engineering, I.T., B.H.U.
28.12.2005 to 30.12.2005	Seminar on "Nigamandristya Parashaktiswaroop Vimarsha"	Dr. Kamlesh Jha, Dharmagam Vibhag, S.V.D.V., B.H.U.
Events of the New Year, January, 2006		
06.01.2006 to 07.01.2006	National Workshop on "Nouvelles Technologies Dans l'Apprentissage de Français"	Dr. D.K. Singh, Department of French Studies, Faculty of Arts, B.H.U.
09.01.2006 to 11.01.2006	Indo-US Workshop on "Recent Trends in Spectroscopy-Application to National Security"	Prof. D.K. Rai, Dept. of Physics, B.H.U.
14.01.2006 to 15.01.2006	National Workshop on – OPULNCE 2006 on "Sustainable Growth Model for India"	Dr. P.K. Mishra, Convener, I.T., B.H.U.
20.01.2006 to 22.01.2006	Conference on "Analysis and its Applications"	Dr. Shantanu Bhattacharya, Department of Mathematics, B.H.U.
23.01.2006 to 24.01.2006	National Conference on "XXI st Annual National Level Conference of Mathematical Society"	Prof. S.D. Singh, Secretary, Department of Mathematics, B.H.U.
27.01.2006 to 29.01.2006	Annual Conference of UP Chapter of Indian Orthopedic Association	Prof. S.C. Goel, Department of Orthopedics, I.M.S., B.H.U.
Events in Current Month	Name of Programme	Name of the Organizer & Dept./Faculty
01.10.2005 to 03.10.2005	XVII National Symposium on "Chronobiology"	Dr. M. Singaravel, Department of Zoology, B.H.U.
05.10.2005 to 06.10.2005	National Seminar on "The Vocational Aspects of Indian Music Education"	Prof. Ranjana Srivastava, Dean, Faculty of Performing Arts, B.H.U.
06.10.2005	National Symposium on "Preventive Nephrology & National Kidney Day"	Prof. R.G. Singh, Dept. of Nephrology, I.M.S., B.H.U.
08.10.2005 to 09.10.2005	National Conference on "Women in Management"	Prof. Chandra Kala Pedia, CC.W.S.D., Faculty of Social Science, B.H.U.
15.10.2005 to 16.10.2005	*24 th Annual Conference of "U.P. Chapter of Association of Otolaryngologists of India"	Dr. R.K. Jain, Head, Department of ENT, I.M.S., B.H.U.
16.10.2005 to 18.10.2005	*Conference on "Frontier Lectures in Chemistry"	Prof. P. Chandra, Dean, Faculty of Science, B.H.U.
20.10.2005 to 21.10.2005	Training Programme on "Artificial Recharge to Groundwater"	Prof. R.N. Tiwari, Head, Dept. of Geology, B.H.U.
21.10.2005 to 22.10.2005	*Zonal Conference of the "Indian Psychiatric Society (Central Zone)"	Dr. S. Gupta, Department of Psychiatric, I.M.S., B.H.U.
21.10.2005 to 22.10.2005	*National Workshop on "Adventure Sports & Carrier Building"	Dr. R.N. Singh, Organizing Secretary, University Mountaineering Centre, B.H.U.
22.10.2005 to 23.10.2005	CME on "Surgery Update-Theme – 'How I do it?'"	Prof. V.K. Shukla, Head, Department of General Surgery, I.M.S., B.H.U.
23.10.2005	B.H.U. Management Alumni Association Meet	Dr. H.P. Mathur, Management Studies, B.H.U.
24.10.2005	National Conference on "Corporate Excellence through Human Values"	Prof. S.K. Singh, Management Studies, B.H.U.
28.10.2005 to 30.10.2005	International Seminar on "Curricula Building in Peace Studies"	Prof. Priyanka Upadhyaya, Malviya Centre for Peace Research, Faculty of Social Sciences, B.H.U.
Events in November 2005		
06.11.2005 to 08.11.2005	International Seminar on "गोदान को फिर से पढ़ते हूँ – Re-Reading GODAN"	Dr. Sadanand Sahi, Research Scientist 'C', Dept. of Hindi, B.H.U.
14.11.2005 to 16.11.2005	*An International CME Programme III in Child and Adolescent Psychiatry	Dr. Indira Sharma, Dept. of Psychiatry, I.M.S., B.H.U.
16.11.2005 to 18.11.2005	National Seminar on "Hasrat-Mohani"	The Head, Department of Urdu, B.H.U.
21.11.2005 to 22.11.2005	Seminar on "Indo-Canadian Relations"	Prof. R. R. Jha, Canadian Studies Development Programme, Dept. of Political Science, B.H.U.
23.11.2005 to 24.11.2005	Organize Principals Meet	Prof. Janardan Singh, UGC-Academic Staff College, B.H.U.
25.11.2005 to 26.11.2005	National Seminar on "Recent Trends in India's Foreign Policy"	Prof. A.S. Upadhyaya, Department of Political Science, B.H.U.
28.11.2005 to 30.11.2005	"International Conference and Humboldt-Kolleg on Structure and Characterization of Physical, Chemical, Bio- and Geo- Materials"	Prof. B.P. Asthana, Department of Physics, Faculty of Science, B.H.U.
Events in December 2005	Name of Programme	Name of the Organizer & Dept./Faculty
05.12.2005 to 08.12.2005	Workshop on "Human Values for Pursuit of Excellence"	Prof. S.N. Upadhyay, Malviya Centre for Value Studies, Malviya Bhawan, B.H.U.
09.12.2005 to 11.12.2005	National Convention on "Environmental Engineering with Special Emphasis on Cost Recovery & Pricing of Services"	Prof. Goutam Banerjee, Department of Civil Engineering, I.T., B.H.U.
16.12.2005 to 18.12.2005	Seminar on "Role of Recent Advances in Ayurvedic Drug Standardisation"	Dr. V.P. Singh, Department of Medicinal Chemistry, I.M.S., B.H.U.
19.12.2005 to 29.12.2005	Intensive Course on "Heterogeneous Catalysis"	Dr. A.S.K. Sinha, Dept. of Chemical Engineering, I.T., B.H.U.
28.12.2005 to 30.12.2005	Seminar on "Nigamandristya Parashaktiswaroop Vimarsha"	Dr. Kamlesh Jha, Dharmagam Vibhag, S.V.D.V., B.H.U.
Events of the New Year, January, 2006		
06.01.2006 to 07.01.2006	National Workshop on "Nouvelles Technologies Dans l'Apprentissage de Français"	Dr. D.K. Singh, Department of French Studies, Faculty of Arts, B.H.U.
09.01.2006 to 11.01.2006	Indo-US Workshop on "Recent Trends in Spectroscopy-Application to National Security"	Prof. D.K. Rai, Dept. of Physics, B.H.U.
14.01.2006 to 15.01.2006	National Workshop on – OPULNCE 2006 on "Sustainable Growth Model for India"	Dr. P.K. Mishra, Convener, I.T., B.H.U.
20.01.2006 to 22.01.2006	Conference on "Analysis and its Applications"	Dr. Shantanu Bhattacharya, Department of Mathematics, B.H.U.
23.01.2006 to 24.01.2006	National Conference on "XXI st Annual National Level Conference of Mathematical Society"	Prof. S.D. Singh, Secretary, Department of Mathematics, B.H.U.
27.01.2006 to 29.01.2006	Annual Conference of UP Chapter of Indian Orthopedic Association	Prof. S.C. Goel, Department of Orthopedics, I.M.S., B.H.U.



faculty honours

BHU professors bag Vice-Chancellor's posts

Two eminent scholars of the Institute of Technology, Banaras Hindu University have been appointed Vice-Chancellors of Veer Bahadur Singh Purvanchal University and Meerut University respectively.

Prof K P Singh of the Electrical Engineering Department has been appointed Vice Chancellor of Veer Bahadur Singh Purvanchal University in Jaunpur while Prof SP Ojha of Applied Physics Department is the new Vice-Chancellor of Meerut University.

Prof K P Singh said his priority would be to address the problems of the varsity and bring its academic glory back on track.

Prof S P Ojha said he would set his priority after observing the situation and identifying the problems of Meerut University. He added that he would lay special emphasis on the quality of research projects and ensure that classes were conducted according to set norms. He lauded the scientists of Meerut University to have contributed a lot in the field of atomic energy. Prof Ojha was also of the view that distant learning courses should be conducted at standard centres only.

INSA Fellows

Prof YP Singh, Deptt of Physics, Faculty of Science and Prof Shyam Sunder, Deptt of Medicine, Institute of Medical Sciences have been elected fellows of Indian National Science Academy, New Delhi. Both of the Professors are well known for their scholarships and research publications and had also been bestowed with many awards and recognitions.

There are more than a dozen INSA fellows working in the Banaras Hindu University as its faculty members.

* **Dr. Paras Nath**, Reader in Entomology & Agricultural Zoology, Institute of Agricultural Sciences has been bestowed a prestigious fellowship of the Entomology Society of India for contribution in the field of Entomology. This announcement has been published in the 66th volume of the Indian Journal of Entomology which is a very premier Scientific journal published by the Society since its inception during 1938. This is the highest honour of the Entomological Society

महर्षि बादरायण व्यास सम्मान



राष्ट्रपतिभवन, नई दिल्ली में डॉ० उपेन्द्र पाण्डेय को महर्षि बादरायण व्यास सम्मान प्रदान करते हुए महामहिम राष्ट्रपति डॉ० ए०पी०जे० अब्दुल कलाम जी

भारत सरकार के शिक्षा मन्त्रालय द्वारा 2002 वर्ष से प्रारम्भ युवा अध्येता के लिए 'महर्षि बादरायण व्यास सम्मान' नामक एक लाख रुपये का राष्ट्रपति सम्मान भारत के पाँच विद्वानों को दिया जाता है।

2002 का सर्वप्रथम सम्मान काशी हिन्दू विश्वविद्यालय के संस्कृत विद्या धर्म विज्ञान संकाय के साहित्य विभाग के रीडर डॉ० उपेन्द्र पाण्डेय को संस्कृत भाषा के सर्वविद्या प्रचार-प्रसार तथा उनके वैदुष्य एवं लेखन कला में विशिष्ट योगदान के लिए प्रदान किया गया।

राष्ट्रपति डॉ० ए० पी०जे० अब्दुल कलाम जी ने दिनांक 6 दिसम्बर, 2005 को राष्ट्रपति भवन में समायोजित सम्मान समारोह में उक्त सम्मान प्रदान किया।

इसके पूर्व भी डॉ० पाण्डेय को विश्वविद्यालय द्वारा प्रकाशित तथा उनके द्वारा रचित संस्कृत ग्रन्थ राष्ट्रोत्कर्ष-विमर्षः पर उत्तर प्रदेश संस्कृत संस्थान, लखनऊ द्वारा प्रतिष्ठित 'बाणभट्ट' पुरस्कार प्रदान किया गया था।

of India which is conferred upon the Scientist (Entomologist) of eminence for their prolonged contribution toward the advancement of the knowledge of Science of Entomology.

Dr. Nath has also been admitted to the Fellowship of four other distinguished Scientific Societies and honoured by conferring their Honorary Fellowships such as FERA, SPPSF, FSPE and F.S.E.Sc.

* **Prof Kamalakar Tripathi** Professor, Department of Medicine, Institute of Medical Science, has been conferred with Fellowship of Royal College of Physician (FRCP) Edinburgh, UK.

Prof Kamalakar Tripathi has received this honour towards his contribution in Medical teaching and Research in the field of Diabetes, Hypertension and Kidney diseases. He has been member of several national and International Organization

including Ministry of Health Government of India, Department of Science and Technology, Indian Council of Medical Research, Central Council of Research in Ayurveda and Sidha and received Fellowship grant from International Society of Nephrology in Los Angeles in 1984 and Tokyo in 1990. He has been contributor in International text book of Nephrology and has published more than 250 papers in various National and International journal.

* A book on Kidney Disease for the Primary Care Physician will be brought out by American College of Physician. The chapter "Diabetes Education Programme in India" has been authored by **Prof.S.K.Singh**, Department of Endocrinology & Metabolism for above book. It is a prestige to the faculty for having invitation to participate in preparation of the above book.

- * Biotech Research Society of India has awarded **Dr S K Dubey**, Lecturer in Botany, BHU, the prestigious "Young Scientist Medal" for the year 2004 in recognition of his pioneering work and achievements in Microbial Ecology of Methanotrophs in the field of Biotechnology. Dr M K Bhan, Joint secretary, DBT, Govt. of India presented this award to Dr S K Dubey with a Citation and Medal at Chennai on 24th November, 2005.
 - * India International Friendship Society, New Delhi, has honoured **Prof T M Mohapatra**, Department of Microbiology, IMS with VIJAY RATTAN AWARD along with "Certificate of Excellence".
He has also been nominated for another Award, "GLORY OF INDIA GOLD MEDAL" at New Delhi.
 - * Senior Teacher of Faculty of Management Studies **Prof Deepak Barman** has been conferred with VIJAY RATTAN AWARD along with Certificate of Excellence by India International Friendship society, New Delhi.
 - * Professor **Jai Prakash**, Deptt of Nephrology, Institute of Medical Sciences had achieved number of academic laurels
1. Principal Investigator SEEK project : Chronic kidney disease (CKD) is a world wide public health problem but not widely recognized in India as a health problem. The SEEK project

(Screening and Early Evaluation of Kidney Disease Project) is launched in India. This is the multicentre study and Department of Nephrology at IMS, BHU is one of the approved institution for SEEK project. this project is sponsored by COMGAN and International Society of Nephrology and Brigham and Women's Hospital/ Harvard Medical School is the Partner Institutional Reviews Board.

2. Presented papers in 3rd world Congress of Nephrology (WCN-2005) Singapore. Following two papers were accepted for presentation.
 - (I) Chronic renal failure in the elderly
 - (II) Renal diseases in visceral leishmaniasis.
 3. Presented paper at 38th Annual Meeting of American Society of Nephrology, Philadelphia, USA. The paper accepted was (I) Renal diseases in multiple myeloma.
- * **Dr. Nandita Ghoshal**, Reader, Department of Botany, has presented a research paper on "Soil CO₂ Flux from a Tropical Dry land Rice-Barley-Fallow Agroecosystem: Impact of Application of Soil Amendments with Varying Resource Quality" at 7th International Carbon Dioxide Conference, held at Boulder, Colorado, USA from 25-30 September 2005 with full sponsorship from the Conference organizers.

PRESIDENT AWARD



Dr MITALI DEB, lecturer-Sanskrit, Mahila Mahavidyalaya was conferred the prestigious "Maharshi Badrayan Vyas Presidents Award" in a glittering ceremony held on 6th Dec, 2005 at Ashoka Hall, Rashtrapati Bhavan, New Delhi. The award was presented to her by the President of India, Dr APJ Abdul Kalam.

Practice Basic Principles for Success

Director of Engineering and Research and Development at Bharat Heavy Electrical Ltd, Shri Ramji Rai, told budding technocrats to practice basic principles of their respective streams to get sustainable success.

He was delivering the inaugural address of the three day All India Conference on Mechanical Engineering and Technology (COMET-06) at Mechanical Engineering Department of Institute of Technology on 27 January. Mechanical Engineering Society organized this conference.

Shri Ramji Rai, who is also a 1968 batch alumni of IT-BHU said that computers and other latest instruments have brought massive changes in all spheres of life. He further added that one should always practice the basic principles of one's expertise to get sustainable growth in career. IT Director, Prof SN Upadhyay, presided over the inaugural function and stressed the need of such events as it gave a platform to the young researchers and students of engineering and technical institutions from all over the country to exchange ideas and share experience, particularly those useful for meeting the managerial and technical challenges of the 21st century.

Earlier, Head of Mechanical Engineering Department and President of Mechanical Engineering Society, Prof SK Sharma welcomed the guests and introduced Shri Ramji Rai to the audience.

In his address, the Dean of Faculty of Engineering and Technology, Prof JN Sinha, said that different contests arranged during the conference would inculcate managerial skill and competitiveness among the students. Student convener of conference, Sri Nitin Srivastava dwelt upon various contests of the conference. Senior Faculty Member at the Mechanical Engineering Department, Prof RS Singh, proposed the vote of thanks.

Later, Chief of Long Term Production Technology at Tata Steel (Jamshedpur), Dr Sanjiv Chandra, delivered a guest lecture on 'Off Line Mathematical Model in Steel Industry'. Three contests, including paper presentation, quiz and software contests, were held.



inside BHU

BHU set to give shape to Prof. Panjab Singh's Dream



Banaras Hindu University is all set to give a final shape to the dreams of Vice Chancellor Prof Panjab Singh when it will start a post graduate diploma course in Information Technology at Barkacha Farm, known as South Campus of the university in Mirzapur from 1st March.

It may be mentioned that Barkacha Farm which is an about 2800 acres more than double in size of Asia's biggest University, BHU was neglected since long but an internationally reputed agricultural scientist Prof Singh started concentrating to develop a south university campus there since he assumed the charge of Vice Chancellor here, within a short span of time, the dreams of Prof Singh started being full filled as the faculty building, hostel, teachers residence, guest house, scientists hostel and kitchen have already been constructed there.

A review meeting for the ongoing development work in Barkacha Farm on 25th January was conducted, in which former Vice Chancellor of Lucknow University Prof DP Singh and Emeritus Prof CL Singh also took part. The Vice Chancellor told that with the contribution of MLC fund, two tube wells are being installed and two KM road being constructed. He said that from the next academic session the classes of BEd, BPEd, B Pharmacy, Food Processing, Dairy Technology course would be started.

In this 12th meeting, the participants also reviewed the Master Plan preparation. The Vice Chancellor said that there is plan to set up a seed development research Unit with the cost of Rs.2.25 crore and the work is going on in full swing to plant Jatropha in 300 hectares with the cost of Rs.75 lakh.

THAKUR DOES IT AGAIN

Philanthropist Thakur Ratan Pal Singh (Kolkata) has once again been generous to donate Rs 50 lakhs for construction of Administrative block at South campus, Barkachha.

During a visit of Vice-Chancellor, Prof Panjab Singh to Kolkata on 3rd December last, he handed over Rs 11 lakh cash immediately. Vice-Chancellor was accompanied by a member of Executive Council, Dr Satyadeo Singh and coordinator of technical cell, Dr Rajkumar.

Thakur Ratan Pal Singh had donated Rs 50 lakhs a year before for construction of another floor of Commerce Faculty building, which itself was constructed by his contribution.

Vice-Chancellor also discussed matter of support including financial support during his visit with Alumni and prominent industrialists of Kolkata. Meeting was organized by the Chairman of Allahabad Bank, Sri ON Singh.



Globalization process corroding values

Former professor and coordinator of Management Centre for Human Values at the Indian Institute of Management Kolkata, Prof S K Chakraborty, said the process of globalization had caused degeneration of values in the society.



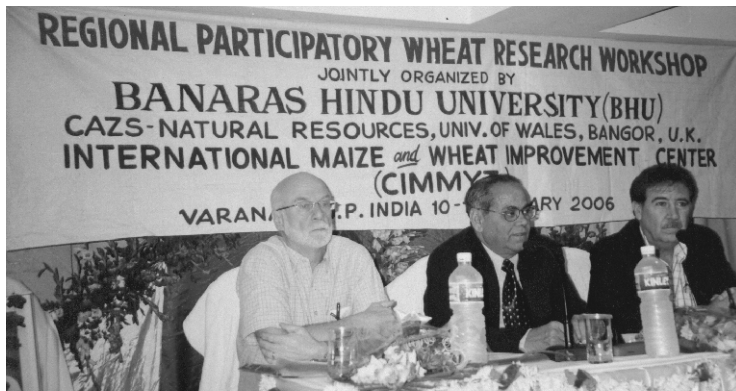
He was delivering his lecture on 'Spiritual Values' during ongoing workshop on 'Human values for Pursuit of Excellence' at Swatantrata Bhawan on 7 December. Malaviya Moolya Anusheelan Kendra of BHU in collaboration with Power Grid Corporation of India had organised the workshop.

Prof Chakraborty said the entire concept of globalization is based on consumerism and therefore spiritual, ethical, moral and human values have got a major set back in our society. He said values were essential for sustainable development of all sort of systems be it corporate, political, social or some else.

He said one has both 'asuri' (evil) and 'daiviya (good) spirit by birth and one should strive hard to promote the good. He said that 'seers' of ancient India had explained the importance of values thousands of years ago and we should follow teachings of forefathers and tradition to make the system more idealistic.

He said the present materialistic society has nothing to do with values. "One can get petty success through the materialistic approach but values are essential for sustainable and long-standing progress," he said. Delivering his lecture on 'Creativity and Innovation', Prof R K Pandey of Faculty of Management Studies in BHU, said vedic concepts could compensate deficiencies of modern thinking. Prof R K Pandey and Dr P S Tripathi also conducted a practice session on "Assessing Corporate Value Climate".

Regional Scientific Workshop on Participatory Research on Wheat in South Asia



(From L to R) Prof I.R. Witcombe, University of Wales, Bangor, UK., Vice-Chancellor, Prof Panjab Singh and Dr. G. Ortiz Ferrara, CIMMYT

The Regional Scientific Workshop on Participatory Research on Wheat in South Asia was jointly organized by Banaras Hindu University, International Maize and Wheat Improvement Center (CIMMYT), Mexico and University of Wales Bangor, UK, during 11-14th Feb. The workshop brought together key scientists specialized in participatory research from South Asia, UK and Mexico.

Vice-Chancellor, Professor Panjab Singh was the Chief Guest and in the inaugural address he said that the small and marginal farmers of the eastern part of Indo-Gangetic plains face various problems in wheat cultivation. Therefore, there was an urgent need for the development and dissemination of appropriate technology taking care of the location specific needs of the farmers. He further said that the problem of farmers could be solved more efficiently, if they are involved in the concerned research.

Dr G Ortiz Ferrara, CIMMYT, welcomed the participants and briefed about the project and aims of the workshop. Prof JR Witcombe, University of Wales, Bangor, UK spoke about importance and growth of participatory research around the globe. Dr Rodomiro Ortiz, CIMMYT also addressed the participants and spoke about the relevance of Global Wheat Improvement Programme of CIMMYT in South East Asia. The inaugural session was followed by scientific sessions on different topics and field visits.

USE FOR IRRIGATION AFFECTING WATER LEVEL

Intensive application of surface water to command area of irrigation projects is creating waterlogging problem and the increase of groundwater usage in agriculture, industry and domestic purposes (through indiscriminate sinking of wells) is causing continuous depletion of water levels, drying up of wells and deterioration of groundwater quality in many parts of the country," said Dr N Janardan Raju of BHU.

Dr Raju, faculty member in Geology department was delivering his lecture on 'Rain Water Harvesting with case Studies at a two day training programme on Artificial recharge to ground Water' at Geology department on 22 October.

The programme was organised in collaboration with the Central ground Water Board.

Dr Raju, who is also the convener of the training said, erratic rainfall, diminishing of water bodies in urban areas, over exploitation of ground water resources, increase in number of ground water structures annually and frequent drought periods contributed to the lowering of water table.

He said that the main objective of artificial recharge is to retrieve the depleted aquifer prevent salt-water intrusion into coastal aquifer, improve the ground water quality, provide sub-surface distribution system to establish well fields and facilitate conjunctive use of surface and groundwater reservoirs etc.

He said the most effective method to recharge the deep aquifers using floor water, is a recharge tube well with a filter on the top.

Dr. Raju further added that the prerequisites for artificially recharging the ground water reservoirs are availability of proper site for artificial recharge, availability of adequate amount for fresh water, availability of good aquifers, availability of adequate head.

He said that rainwater harvesting, change of crop pattern, recycling of waste water and inter-basin transfer of water are some of the remedial measures for ground water depletion. Later Dr P C Chandra of Central Ground Water Board delivered lecture on Application of Geophysics Survey in artificial Recharge whereas Dr S B Singh of CGWB spoke on Experience Gathered in Rain Water Harvesting in National Capital'.

Adventure sports

Padmshree Award recipient and eminent figure in adventure sports, Santosh Yadav inaugurated a two day national workshop on Adventure Sport and Career Building at South campus (Barkacha) of Banaras Hindu University in Mirzapur about 80 km from Varanasi on 22 October.

Yadav the only lady in the world to have scaled the Mount Everest twice from south sector, shared her experience of climbing Mount Everest in 1991, 1992, 1999 and 2001 with the budding adventure sports persons. Though she failed in her two early attempts she succeeded in 199 and 2001. Yadav called upon the youngsters to have courage and patience while going for an expedition.

Coordinator of Barkacha Campus, Prof Shiv Raj Singh presided over the inaugural function.

Chairman of Mirzapur Nagar Mahapalika, Gopal Chunahe was guest of honour. Norgy awardee Subedar Major Amar Prakash, who climbed the Mount Everest twice from south sector was also present on the occasion.

Organising secretary of Workshop and coordinator of the University Mountaineering Centre of BHU, Dr. R N Singh welcomed the guests and presented the theme of the workshop.

He said this event will encourage tourism and other source of earning to the people of this region. Chairman of the organising committee, Prof R G Singh, proposed the vote of thanks.

Faculty member of BHU, Dr Nishapati Bhushan Shukla felicitated Santosh Yadav and delivered lectures on 'Organisation of adventure sports through UGC for university and colleges' and 'Women in adventure sports'.

Central Electronic Media

The Vice Chancellor while considering the Consolidation of existing equipments and manpower resources of different Electronic Media Production Centres (EMPCs) of the University and their utilization as satellite centers keeping Gyanvani as nodal point for production, transmission, storage and management of e-learning through multimedia (both audio and video) programmes, has been pleased to pass orders that all the EMPCs be brought under one umbrella in the name of "Central Electronic Media Production Centre" (CEMPC) for effective utilization and better coordination of facilities available at satellite of EMPCs of the University.

The Vice-Chancellor has also been pleased to order that Prof. P K Jain, Department of Electronics Engineering, Institute of Technology will be the Coordinator of CEMPC, Banaras Hindu University.

Computer education for teachers vital

Eminent educationist and former Vice-Chancellor of Mahatma Gandhi Kashi Vidyapeeth (MGKV), Prof K P Pandey said integrating computers in teachers' education was imperative to improve the academic standard.

Prof Pandey was addressing the inaugural function of a two day national seminar on Integrating Computers in Teachers' Education' here on 25 November.

Faculty of Education, in collaboration with the Alumni Association of Education, organised the seminar on its Kamachha campus.

Prof Pandey, also former VC of Himachal University, said introducing computers in teachers' education would lead to the much needed paradigm shift where the teaching and learning process would be student-oriented.

"Computers have various applications in the teaching-learning process, from programming of lessons planning to research strategy," he said.

"Besides developing the intelligence quotient, we should also inculcate emotional and spiritual quotients among our students for their all round development," he added.

Prof Pandey further said computers would facilitate teachers to explain things in a more comprehensive manner, hence enabling the students to get the exact glimpse of a particular subject.

Later, during the technical session, Prof A.K. Tripathi of the Department of Computer Sciences, Institute of Technology delivered a lecture on 'Computers Communication System and Information technology; Their Role in Modern Education.'

Head and Dean of the faculty of Education, Prof S B Bhattacharya welcomed the guests and outlined the importance of integrating computers in teachers' education to counter the challenges of the 21st century.

Organising secretary Dr. Rashmi Chaudhary established the theme of the seminar.

Dr. Anjali Bajpai conducted the seminar while former dean of the Faculty of Education and Alumni Association of education president Prof Asha Pandey proposed the vote of thanks.

Unique project for development

The Banaras Hindu University administration, Asia's largest residential university, has initiated an ambitious decade-long project meant for overall development of the varsity through a process of social engineering involving cross-

sections of society apart from its team of academicians.

For the purpose, BHU Vice Chancellor Prof. Panjab Singh hosted a meeting of senior citizens in the city including editors of newspapers, prominent businessmen, scientists and those active in the field of culture at the Vice-Chancellor's Lodge and sought their suggestions and guidance for smooth running of varsity under the competitive era of globalization. The meeting with senior citizens was part of periodical consultations. The first meeting was held on June 6, 2005 soon after the Vice Chancellor resumed his office.

The Central universities have initiated the process of social engineering for overall development of varsities in the interest of students and specific regions.

Vice-Chancellor has initiated the process by ensuring active participation of cross-sections of society here for the development of BHU and most backward Purvanchal region of Uttar Pradesh.

"On the occasion of the 91st Foundation Day of the BHU on February 3, 2006, a ten-year agenda titled, 'Vision Document' for development of varsity has been announced, which is under preparation on a war foot," BHU Vice Chancellor said.

The Scientific Advisory Committee consisting of senior experts has also been set up for timely advice on vital areas of achievement, he added.

During the meeting, he informed the senior citizens about the developments taking place at the newly-developed South Campus of the varsity, 'Barkacha', situated in Mirzapur district. He informed about the pace of various activities like development of dams for water conservation, milk production through dairy, cultivation of 500 acre of land and proposed to start many academic courses.

The Vice-Chancellor outlined his focus on fund collection drive as his next priority area from voluntary sources like alumni, donors and well wishers of Banaras Hindu University.

International Collaboration



Professor Panjab Singh, Vice-Chancellor, distributing equipments to the farmers.

An agreement was made between International Crops Research Institute for the Semi-Arid Tropics and (ICRISAT), Patancheru, AP, and Banaras Hindu University to run a collaborative project on, "Production of Helicoverpa Nuclear Polyhedros Virus (HNPV) at farmers level". Under this project, virus production units have been established in five villages of Mirzapur and Varanasi. Two farmers from each village have been trained in virus production at ICRISAT. This virus will be used for controlling the insect *Helicoverpa armigera*, which has been declared Nation Insect Pest No. 1 of our country because of the annual losses caused to the tune

Rs. 3000 crores by this insect pest to many agricultural crops of our country. The Vice-Chancellor, Professor Panjab Singh handed over the equipments and other material required for virus production to the farmers at a function organized on January 25, at Banaras Hindu University South Campus, Barkachha, Mirzapur. The project is being operated under the supervision of Dr. C.P. Srivastava\Department of Entomology & Agricultural Zoology, Institute of Agricultural Sciences.

SURGICAL ONCOLOGY WING



Vice-Chancellor Prof Panjab Singh inaugurating Surgical Oncology Wing. Seen in picture Prof Gajendra Singh, Director IMS; Prof H S Shukla, Head, Deptt of Oncology Surgery; DrSrivastava, Dy MS, SS Hospital

The ministry of Health and family Welfare had responded to request for upgrading operating facilities for the cancer patients by giving a grant of Rs. 1.4 Crores to purchase state of the art operating equipments for training, teaching, research and clinical use on cancer patients. The following equipments were approved :

1. Nd-YAG Laser : For superficial cancer treatment and treatment of gut cancer through Endoscope.
2. Radio frequency ablator : For treatment of liver, kidney and other solid cancers situated deep in the body cavities.
3. C-ARM : To localize the cancer by X-ray, C-ARM, so that precise injection of cancer drugs be made at the exact site.
4. Site-right : Ultrasound equipment to puncture deep seated veins to give cancer chemotherapy.
5. Anesthesia Work Station : To give modern Anesthesia for patients undergoing complicated cancer operations.
6. Ventilators and monitors : To give artificial respiration and monitor the progress in the post operative period after operations.
7. OT light : For proper light source during the operations.
8. Ultrasonic vessel's sealing system : With this modern blood less cancer surgery is carried out.
9. Mammographic Machine : to screen and

diagnose breast cancer patients and to give breast sparing treatment.

10. Other minor equipments and instruments to compliments of above equipments.

The existing Operation Theatre was not up to the mark to utilize the above quoted equipment for the benefit of the patients. Therefore the Honorable Vice Chancellor provided and grants of Rs. 15 Lacs to upgrade and extent the existing Operation Theatre, which was in a rather dilapidated state.

This Operation Theatre was inaugurated by the Vice Chancellor. All the above equipments are in place and team of cancer surgeons are very keen to pass on advantage to the students and the patients.

Workshop for farmers held

As part of its project on 'Resource Conservation Technologies', the Agronomy Department of the Institute of Agricultural Sciences in collaboration with Rice-Wheat Consortium (New Delhi) organised a 'Farmers workshop' here on 13 December.

The project is funded by the World Bank and is being carried out in collaboration with the International Rice Research Institute and International Wheat and Maize Research Institute. Principal investigator of the project, Dr U P Singh, threw light upon the features of resource conservation technologies and said that this was cheaper and more productive than the conventional method of farming.

10 per cent Indians suffer from psychiatric disorders

Ten per cent of the country's population suffered from psychiatric disabilities, said emeritus professor at Punjab University (Chandigarh), Prof Tehal Kohli.

Prof Kohli was delivering the keynote address at the inaugural function of a three-day International CME programme on "Teaching and training in Chile Adolescent Psychiatry and Mental Health" at K N Udupa auditorium on 14 November. The programme was jointly organised by the Psychiatry department of Institute of Medical sciences and the BHU chapter of the Indian Medical Association.

Prof Kohli said at least 100 million of India's population need special attention. "This excluded those suffering from learning disabilities, epilepsy, chronic mental illness etc," she said, adding prevalence of mental retardation was three per cent of the total population.

"At least 15 per cent of the country's population up to the age of six years needs early intervention. There are approximately 1.5 crore such people," she said.

Prof Kohli, who is also president of the Indian National Portage association, added that early intervention programmes catered to all children with special needs.

They included those who were environmentally at risk, developmentally delayed, deviated, handicapped, children with behavioural problems and learning disability. She said some recent trends such as changing philosophies, legislation, personal training programmes for early intervention, use of computers and assistive technologies and cultural sensitivity were useful in revamping personal reparation efforts so that professionals would be more adequately prepared for the 21st century.

Rector Prof S Lele presided over the function and released a souvenir 'Sensitising People to children's Needs'. Institute of Medical Sciences Director Prof Gajendra Singh welcomed the guests, while organising committee chairman Prof Indra Sharma established the theme of the programme.

The IMA's BHU chapter president Prof T M Mohapatra spoke about the relevance of the CME. Former president of the IMA's Banaras Hindu University chapter, Prof Usha Singh proposed the vote of thanks.

Laparoscopic surgery better for hernia: Expert

Padmashri recipient and chairman of the Minimal Access Surgery department of Sir Gangaram Hospital (New Delhi), Dr P K Chowbey said laparoscopic surgery was better for groin-hernia repair.

He was delivering a keynote address on the 'Current and future trends in endo-hernia surgery' at the inaugural function of the two-day seminar on surgery update on 22 October.

Dr Chowbey said laparoscopic surgery was less painful and the patient could resume his physical activities soon, compared to other surgical methods.

The General Surgery Department of the Institute of Medical Sciences (IMS), has organised the programme in association with the National academy of Medical Sciences.

Participants were informed about the recent surgical advancements and operations through video sessions "Besides, there are least chances of recurrence of hernia in patients who have been operated upon using this method," he said.

Commenting on the recent advancements in technologies and introduction of sophisticated equipments, he said the surgical procedure was now well defined.

Dr Chowbey further said this technique was tension-free and was superior for prosthetic mesh repair. Incomplete dissection and

prosthetic failure were among the many reasons behind recurrence of hernia, therefore, surgeons should always consider these points while operating upon the patients, he said.

He added that surgeons were faced with the challenge to provide better treatment to hernia patients, as about 20 per cent people suffered from it.

Earlier, IMS director Prof Gajendra Singh inaugurated the two-day programme.

Dean of the Faculty of Medicine, Prof S K Bhattacharya also spoke on the occasion. Head of the General surgery Department Prof V K Shukla welcomed the guests and highlighted the academic activities of the department.

Organising secretary and Reader in the General Surgery Department Dr S K Gupta conducted the programme.

Noted surgeons from AIIMS, Gangaram Hospital, GB Pant Hospital and Sufdarjang Hospital in New Delhi, PGI, Chandigarh, SGPGI, Lucknow, Tata Memorial Hospital and Asian Institute of Oncology in Mumbai, and Madurai Medical College were the resource persons of the programme.

About 100 participants from various parts of Uttar Pradesh and the adjoining states had attended the programme.

seminar on 'Indo-Canadian Relations' at UGC Academic Staff College on 21 November. Canadian studies Development Programme at Social Science Faculty, had organised the seminar.

Prof Wood stressed for the need to correlate the interests of both countries and bring common solutions to felicitate their progress. He also expressed satisfaction over the strong diplomatic and academic ties between both the countries. He said that Shastri Indo-Canadian Institute (SICI-New Delhi) was constituted in 1965 to promote academic activities in both nations. He further added that the academic ties have strengthened in the last couple of decades and that is why there were about 20 institutes working for the promotion of Indo Canadian relations across India.

Contrary to the conventional subjects like political science or economics, the SICI is providing fellowships in the field of science, technology, environmental studies, humanities and health etc. to strengthen, the academic ties between India and Canada," he said.

Former President of Indian Association for Canadian Studies, Prof Chandra Mohan who was guest of honour on the occasion, also stressed the need to promote students participation to strengthen Indo-Canadian relations. He said that several agencies including University Grants Commission, Indian Association for Canadian studies, Canadian High Commission and Shastri Indo-Canadian Institute etc. were striving hard to promote relations between India and Canada through academic activities.

Practice of medicine complicated

The Rector Prof S Lele remarked that today's practice of medicine has become complicated. Where to start when there is a health crisis is not easy for a common man to understand. The programme like public awareness lecture series on health will help common man in a long way.

Prof Lele was delivering lecture after lighting inaugural lamp at Prof KN Udupa Auditorium on 8 November. The lectures will focus on common medical emergencies occurring at home or at the workplace and common health related issues like heart attack, stroke, asthma, hypertension, epilepsy, burn, cancer, AIDS etc. The initiative had been taken by the consultants of the Institute of Medical Sciences. Dr LD Mishra (Anaesthesia), Dr SK Gupta (Surgery) and Dr G Nath (Microbiology).

The Rector also released the booklet published on the occasion for awareness authored by the organisers. Presiding over the inaugural function, Prof. Gajendra Singh, Director, Institute of Medical Sciences suggested for visual presentation of the actions to be followed during emergency situation.

The Information & Public Relations Officer Dr Vishwanath Pandey, presenting audience point of view, stressed the need for health related information for uneducated masses living in rural areas.

The Dean, Prof SK Bhattacharya and president of ATMM Prof AK Gulati also spoke. Dr G Nath proposed a vote of thanks and Dr Sanjeev Gupta conducted the proceeding.

The lecture demonstration followed the inaugural function where Prof SK Saraf (Orthopaedic) made presentation on road traffic accident, while Dr LD Mishra (anaesthesia) on head injury, Dr SK Mathur (Anaesthesia) on cardio-pulmonary resuscitation and Dr P Bhattacharya (also Anaesthesia) on practical demonstration for CPR Technique.

Relations on mutual interests

Canadian academic advisor at the Shastri Indo-Canadian Institute (New Delhi), Prof John R Wood, said Indo-Canadian relations were based on 'genuine mutual interests'.

Prof Wood was delivering his keynote address at the inaugural function of the two-day national

Training Programme for Field Engineers

A training programme was held in the Department of Civil Engineering, Institute of technology, for the engineers of rural Engineering services department, Govt. of UP on the topic Quality adherence in Construction of rural Roads under Pradhan Mantri Gram Sadak Yojana from 19th to 24th September 2005 at the Seminar Hall of the Department. 20 participants were supplemented with 24 hours of lectures and 8 hours of practical. Two invited lectures were organised in which Prof J B Srivastava from Institute of Engineering & technology delivered on road geometrics and Dr RK Shukla from Madan Mohan Malaviya Engineering College, Gorakhpur delivered on Survey of Alignment, earthwork computations and Good Survey Practices.

Prof SN Upadhyaya, Director, Institute of Technology was the chief guest of the inaugural function. The training was conducted under the technical format of the National rural roads Development Agency of the Ministry of Rural Development.

Caught between two cultures

"Diaspora writers are more or less caught between the pushes and pulls of diverse culture from the home country and the host country," said eminent critic Prof Manju Jaidka.

Prof Jaidka was delivering her lecture on 'Diasporic Writing from India' at the Mahila Mahavidyalaya on 21 November as part of its Platinum Jubilee Lectures.

Prof Jaidka, who is also the head of English department at the Punjab University (Chandigarh), began her lecture by identifying large chunk of writers in English from India as diasporic. She said that this phenomenon was traced back to the socio-political circumstances of India. "Diaspora writers may be classified as rooted, uprooted and translated," she said.

Citing the example of the story of 'Trishanku' and its state of limbo, Prof Jaidka compared the circumstance of the diaspora writers caught between two diverse cultures from home country and the host country.

She discussed issues including marginality, hybridity and metamorphosis in the light of diasporic writers in detail. She also discussed at length the phenomenon of the neo-colonisation of the novel at the hands of diaspora Indian writers, writing in English. She termed the diaspora writing as hybrid writing.

However, she said that Indian diasporic writers were very often opportunists as they are aware of their target audience.

"They write for a certain section of readers as they know that people of Western countries were waiting for a particular topic authored by Indian writers," she said.

Earlier, Principal of Mahila Mahavidyalaya, Prof Sushila Singh, delivered the welcome address and introduced Prof Jaidka to the audience.

Labour room in S S Hospital modernized

A completely renovated labour room complex ART center and endoscopic surgery training Unit equipped with the latest technology was inaugurated in the department of Obstetrics and Gynaecology, Sir Sunder Lal Hospital.

Inaugurating the labour room complex, the Vice-Chancellor Prof. Punjab Singh exhorted the faculty members of the department to be kind and to adopt a sympathetic attitude towards patients. Change in management skills can make a lot of improvement in treatment of patients, he said. The Head of the Department of Obstetrics and Gynaecology in the Institute of Medical Sciences, Prof L K Pandey said that the advanced facilities in the labour room would help in providing better services to the patients. The labour room complex consisted of a high dependency unit and central monitoring unit, he added.

Dr Pandey informed that this labour room complex was modernised at a cost of Rs 60.00 lakhs (funded by the University Grants Commission) and the facility of labour room would be available for serious patients at Rs. 100 per day.

The intensive care unit can accommodate four serious patients who will be continuously monitored by medical experts through the central monitoring unit, he said and added that the labour room was also attached to the central monitoring unit through which palpitation data of an infant would be stored on an optical disc. This optical disc would be stored for the next 20 years which would be helpful in future.

Dr Pandey said that the department would also install an up gradation software through which medical experts of the department would be able to consult their counterparts abroad.

On the occasion, renowned gynecologists Prof. P.Tiwari, Dr Shail Dubey and Dr Amod Prakash were felicitated by the Vice Chancellor.

Other who were present on the occasion were Director of the Institute of Medical Sciences, Prof. Gajendra Singh, Dean of IMS, Prof.S.K.Bhattacharya, Medical Superintendent of SS Hospital, Prof.Churamani Gopal, Prof. Manjari Mattah and Prof. Sulekha Pandey.

Take garlic to ward off cancer, heart-attack

Garlic fights cancer, lowers cholesterol and prevents heart attack. Consumption of just 10 to 20 gram of it, preferable raw, per day does the trick.

This simple remedy came from an expert-director of Basic Research at Cancer Institute (University of Pittsburgh) Prof Shivendra V Singh. He made this point during a lecture on 'Garlic and Cancer Prevention' at School of Biotechnology on 14 November. He said garlic prevented frequent division of cancer cells and eliminated them.

Prof Singh, who conducted experiments to check the growth of cancer in mice, said a constituent of garlic 'diallyltrisulphide' was the chemical which eliminated cancer cells, without damaging normal ones. He also said garlic lowered cholesterol and prevented heart attack by checking blood clotting. Raw garlic was more effective than the cooked variety, he added.

The Medicinal Chemistry Department at Institute of Medical Sciences of the BHU is planning to collaborate with Prof S V Singh to find out some formulations of garlic for medicinal purpose. Over 50 students of Biochemistry School attended the lecture.

Biotechnology school coordinator Dr Ashok Kumar conducted the programme. Prominent among others present on the occasion were Prof Y B Tripathi, Dr Anil Tripathi, Prof S N Singh and Prof R S Dubey.

Mohani's contribution highlighted

Eminent scholars highlighted freedom fighter and poet Hasrat Mohani's contribution to the Independence struggle. They were speaking on the occasion of three-day National Seminar on Mohani at Banaras Hindu University on 17 November.

"The fearless crusader that he was he courted imprisonment, after Tilak, he was the second to be imprisoned for political activities," they said. They added that Mohani was an incorruptible and fearless crusader for human dignity and justice. The seminar was organised by the Urdu department of the Arts Faculty.

"At a time when many leaders were content with the idea of home rule, he stood for complete Independence, from every platform, be it the Congress session at Ahmedabad in 1921, the Khilafat Movement, the All India Muslim League the Jamiat-i-Ulema-i-Islam, the Communist Conference in Kanpur in 1925 or the Majlis-I-Ahrrar. The speakers said Mohani brought about revolutionary changes in the art of Urdu ghazal. They said he brought various communities on a single platform through his poems.

"He brought religion to bear upon politics and could easily bring Mecca, Mathura and Moscow together, they added.

Prof Suleman Akhtar Javed of Tirupati University (Hyderabad) said it was unfortunate that the young generation was forgetting great freedom fighters like Hasrat Mohani.

Padmshree awardee to scale Mt. Everest again

Padmshree award recipient Ms Santosh Yadav, only lady in the world to have scaled Mount Everest twice from the south sector, said that she would make another attempt to scale the peaks of Mount Everest.

She was delivering her keynote address on 'Difficult Faces of Mount Everest' at the annual function of University Mountaineering Centre of Banaras Hindu University at Dhanvantari Hall on 17 November.

An eminent figure in adventure sports, Ms Santosh Yadav said she would make her fifth attempt to scale Mount Everest in 2007. Yadav tried to climb Mount Everest in 1991, 1992, 1999 and 2001. However, she failed in her two early attempts but got success in the year 1999 and 2001.

Addressing the budding adventure sports personalities on the occasion, she said that mountaineering is not an ordinary sport because a singly mistake is like inviting death. She also demonstrated difficult routes of Mount Everest through slide projector and explained how to overcome these difficulties while climbing on Mount Everest. She also called upon the youth to join adventure sports.

Expressing concern over the adverse impact of Global Warming on Mount Everest, yadav said that a large amount of ice had melted on Mount Everest due to global warming. "Lack of oxygen and violent storms were the main problems faced while climbing a peak," she said, adding, courage, comprehensive climbing strategy and team spirit could make the task of climbers easy.

On the occasion, the budding climbers of the University Mountaineering Centre demonstrated their climbing skills on the auditorium building.

Prominent among others present included, Prof Rana Gopal Singh of Institute of Medical Sciences, Dean of students, prof A K Srivastava, Prof Yamini Bhushan Tripathi, Dr K M Tripathi and Prof Sudhakar Singh.

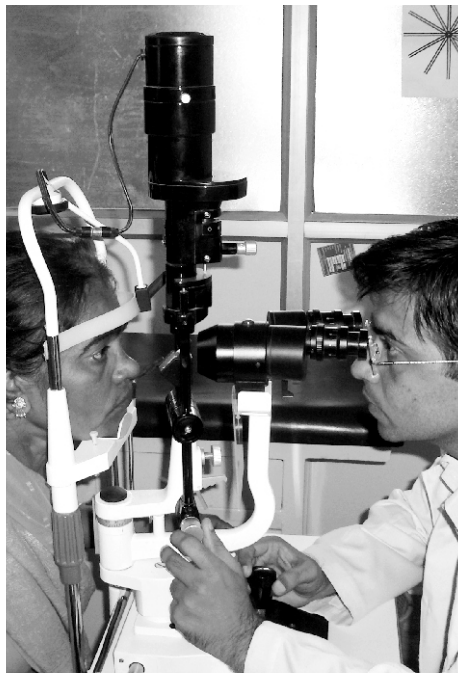
Ayurveda better for eye

Former National Chemical Laboratory (Pune) deputy director Dr G T Panse has said the Ayurvedic system of treatment is better for various diabetes related eye complications.

Delivering a lecture on 'Herbal Treatment of eye Complications in Diabetes' at BHU on 21 November, Dr Panse said Ayurvedic medicines were better for treatment of retinopathy, delayed wound healing and neuropathy.

The Medicinal chemistry Department of the Institute of Medical Sciences, in association with Integrated rural Development Project (IRDP), organised the lecture. He said he had prepared a formulation of 'trifala', 'Mangistha', 'vasa' and 'turmeric' for these ailments. He added that clinical trial of the same medicines was under way at present.

Dr Panse, who is currently associated with the



Ayodhya Research Centre (Pune), said his organisation would collaborate with the BHU to develop new Ayurvedic medicine on the concept of nanotechnology.

Integrated Rural Development Project Officer Dr Shailendra Tripathi welcomed the guest and head of the Medicinal Chemistry department Prof Yamini Bhushan Tripathi introduced Dr Panse to participants.

Prominent among others who participated in the lecture were deputy medical superintendent of Sir Sunder Lal Hospital Dr A K Tripathi, Dr Manoj Kumar and Dr D N Pandey, both from the Ayurveda faculty.

Two Percent for Ayurvedic Studies

Rajasthan Ayurveda University (Jodhpur) vice-chancellor Prof R H Singh said that the Centre should enhance the budget on Ayurvedic Studies so that this traditional system of therapy could be encouraged. He was inaugurating the three-day national symposium on 'Role of Recent Advances in Ayurvedic Drug Standardisation' at K N Udupa Auditorium on 16 December.

Prof Singh said that out of total medical budget allocation of the year; Ayurveda got only two per cent whereas modern medicine got 98 per cent. Medicinal Chemistry department of Institute of Medical sciences in BHU had organised this symposium.

He said that the government should pay proper attention towards Ayurvedic system of treatment. 'Modern drugs have their limitations and side effects whereas Ayurveda has lesser limitations and absolutely no side effect,' he said.

He claimed that there were more medical colleges of Ayurveda than modern medicines and therefore, the central government should allocate

more funds for this traditional system of therapy. He also requested the authorities of BHU to start new courses of Herbal Farming and Ayurvedic Pharmacy to promote Ayurveda across the globe. He further said the students of chemistry and other branches of science should come forward to encourage Ayurvedic system of treatment.

Rector Prof S Lele presided over the function whereas IMS, director Prof Gajendra Singh welcomed the guests. Head of Medicinal Chemistry department, Prof Mahendra Saha established the theme of the symposium whereas organising secretary Prof V P Singh proposed vote of thanks.

Professor C N R Rao visits Hydrogen Energy and Nanoscience & Technology Centres

The Principal Scientific Advisor of Prime Minister, Prof C N R Rao who had come to BHU on 18 October visited the Hydrogen Energy and Nanoscience and Technology lab at Physics Department. Prof Rao made a first hand knowledge of evolution of the developments in Hydrogen Energy Labs and also witnessed the running of hydrogen fueled two, three and four wheelers. The chief scientist and coordinator of the Hydrogen Energy Centre, Prof O N Srivastava described to Prof Rao various facets of Hydrogen Energy Research in relation to Hydrogen production, Hydrogen storage and application of Hydrogen as a vehicular transport fuel. Prof Rao was highly appreciative of researches being pursued in the area of Hydrogen Energy. He said that in view of sky-high price of petrol and possibility of its further increase in the near future and the problems related with rising pollution in the metropolitan cities, the hydrogen energy researches done at BHU are very important and the govt. should support and assist these efforts in its furtherance.

Prof C N R Rao also visited the Nanoscience and Technology Lab. and centre in Physics Department. He congratulated scientists for timely initiation of R&D efforts in the area of Nanoscience and Technology. He showed keen interest in research effort dealing with the use of carbon nanotube in the filtration of e-coli bacteria, polio-virus and phenol. He also enquired about various other nanomaterials eg. ZnO, TiO₂, Cu₂O, PbO etc. being made in the lab. Prof Rao enquired the details and looked into the work related with the use of carbon nanotubes in controlling the heart disease thrombosis and the nanomedicine Amphocerin in relation to treatment of Leishmania.

On his arrival in the Hydrogen Energy and Nanoscience and Technology labs. Prof Rao was welcomed by the chief scientist and Coordinator, Prof O N Srivastava, Head of the Dept., Prof P C Mishra, Dr Anchal Kumar and Bhabha chair Professor TV Ramakrishnan.

Corporate Excellence Through Human Values



(L to R) Prof SN Upadhyay, Director IT, Mr CP Jain, Chairman & MD, NTPC & Prof Chaudhry, Dean FMS

The Faculty of Management Studies organized a National conference on "Corporate Excellence through human values" on 24 October in the Senate Hall, Swatantrata Bhawan. Shri C P Jain, chairman and Managing director, National thermal Power corporation was the chief Guest on the inaugural function.

In his inaugural address, the chief guest Mr C P Jain praised the choice of topic for the conference and advocated human values as the most fundamental aspect of corporate excellence. He considered values as prime contributor, in human development and evolution Corporate excellence, he added, was widening in scope with international bodies like World Economic Forum measuring companies in parameters of corporate governance, transparency and ethics. He advocated truthfulness, straight forwardness and sensitivity as important for connecting to a person, for mutual understanding and in the broader sense, for team work. Mr. Jain expressed his strong faith in the capability of Value based management in effectively facing competition. He also emphasized the role of a leader in instilling value actualization in organizations. Management is something done for the people through people and of the people and thus, human values shall always be of prime importance for the corporations.

Prof S N Upadhyay, Director, Institute of Technology while delivering the Presidential Address, referred to corporate systems as comprising a biotic component and an abiotic component working in synergy. The fine-tuning of this synergy is crucial to the growth and sustenance of organization. People, their working methodology and their integration are the differentiating factors between organizations in today's globalized era. Right people, he

believed, were competent people with the right spirit and able to integrate themselves with the mission of the company and with a consideration for human values.

In his welcome address, Prof H C Chaudhary, Head & Dean, Faculty of Management Studies traced the growth and evolution of management education in the University since its inception in 1968 and also announced the proposal for starting a new course namely MBA (Agro Business Management). Elucidating the topic for the day, Prof R K Pandey, Coordinator of the Conference, referred to excellence as a function of various environmental factors.

The technical sessions of the Conference commenced with the keynote address delivered by Prof S K chakraborty, Former Convener, Management centre for Human Values, IIM Kolkata. Defining excellence as the combination of efficiency and ethics, he pointed out that organizations are becoming increasingly efficient but ignoring ethics. He referred to efficiency as a function of skill, and ethics as a function of values. He underlined the importance of spirituality in corporate aspects and advocated that spirituality should prevail over business practices whenever the two stand in contradiction to each other. Prof chakraborty expressed deep concern over the lack of cultural fidelity, congruence and alignment in India ever since 1950 and believed this to be the reason for India losing ground to its Asian counterparts.

Prof A N Tripathi, former Coordinator, Malviya centre for Values Studies, BHU interacted with the participating executives in "Human Values & corporate excellence". Prof Y Verma, Director, Academic Staff College, Summer Hill University, Shimla addressed the participants on "Leadership by Human Values". Swami Chidanand, Secretary, rural centre,

Krishnamuti Foundation India, Varanasi interacted with the participants on 'Leadership and Values'. Mr Rajiv Thakur, Vice President, ISPAT industries Ltd., Mumbai was the chief Guest in the Valedictory Function. The Conference was attended by as many as 60 working executives and management faculty from different parts of the country.

National Seminar on Digital Preservation of Manuscripts & Rare Materials

One day National Seminar on Digital Preservation of Manuscripts and Rare Materials was organized by Sayaji Rao Gaekwad Library (Central Library) on 24th December 2005 with support from the University and the National Mission for Manuscripts, Ministry of Culture, Govt. of India. The Chief Guest, Vice-Chancellor Prof Panjab Singh in his inaugural address highlighted the value of Manuscripts as the storehouse of invaluable knowledge and emphasized the need for their preservation. The special guest, Dr Dilip Rana, Asstt Director, National Mission for Manuscripts spoke on the objectives and nation-wide activities of the Mission and as Resource Person discussed various issues related to digital preservation. Prof H N Prasad, Prof Incharge, Central Library and Organising Chairman of the seminar highlighted the significance of Information technology in the field of Manuscripts. Dr. A P Gakhar, University Librarian, Allahabad University, Dr. Anupam Jain, Secretary, Kund Gyanpitha Indore, Sri Kamal Kumar and Sri Achal Pandya both from National Museum Institute, New Delhi also acted as Resource Person. Prof Maheshwari Prasad, Director, Parshwa Nath Vidyapita was the Presiding Guest of the inaugural session.

The Vice Chancellor released the souvenir of the seminar and honoured two manuscriptologists, Dr. Rama Shankar Tripathi and Pt. Janardan Pandey, for their distinguished services to the manuscript collection in the BHU. Over one hundred professionals from different parts of the country participated in the seminar.

Dr A K Srivastava, Dy Librarian & Coordinator of seminar elaborated on the theme of the seminar. He made special reference to the instrumental role played by the Finance Officer Mrs. Smita S Chaudhri in obtaining sanction of Rs 25 lakh from the UGC for modernization of the manuscript collection of the Central Library.

Dr Sanjiv Saraf, Dy Librarian and Organising Secretary of the seminar conducted the programmed. Sri B N Singh, Dy Librarian and Coordinator of the seminar presented the vote of thanks.

Dean of Students appointed

In exercise of powers under Statutes (7), the Vice Chancellor has been pleased to appoint Prof V K Kumra, Department of Geography, Faculty of Science as the Dean of Students of the Banaras Hindu University with immediate effect.

He will work as Dean of Students in addition to his duties as Professor of Geography, Faculty of Science.

Theater Festival

The Four Day International Women's Theatre Festival, Staging Peace inaugurated by the Vice Chancellor, Prof. Panjab Singh at the Swatantrata Bhavan on 29 November.

On the eve of its inauguration, a play 'Nachani' was presented by the students of BHU. It was based on the story of a dancer, who fought hard to claim her rightful place as an artist in the society. The play symbolized the common struggles of women to establish themselves in the society.

Countries including India, Bangladesh, Sri Lanka, Bhutan and Nepal had participated. It was aimed at promoting cultural exchange was amongst South Asian countries. This time it was done through plays, exclusively presented by women of these countries.

Theatre artistes of Nepal and Bhutan staged memorable plays and kept the audience spellbound at the International Women Theatre Festival at Swatantrata Bhawan in Banaras Hindu University.

Correlating the Maoist guerilla war of Nepal with mother's dream, theatre artists of Nepal, under the banner of Aarohan Theatre, staged a play titled 'Mayadevi's dream'. The play dealt with the disappearance of the only son of a woman and the last member of the family.

The play depicted the story in a poignant manner. One night, the woman woke up to a low whispering voice of a youth, similar to that of her son. Later, both the woman and the youth went to the war field to identify her lost son among the bodies. However, they failed in their effort.

Nisha Pokharel directed the play which was written by one of the most celebrated authors of Nepal, Prof. Abi Subedi.

Birendar Hamal choreographed the movements and arranged for lights while Sunil designed the stage.

After this moving performance, theatre artistes of Bhutan staged a play titled 'Not Ahead, Never Behind Either' under the banner of Bhutan Infotainment. The story revolved around a village girl, Choden, who realised the plight of

women and was determined to raise her voice against gender discrimination.

The play narrated the story of this village girl who raised the voice of women by joining politics at the national and international levels. Choden attended an international conference on women and their position in South Asia and stressed the need to encourage them in developing their home, community, country and the world at large.

Karma Deki and Towchu Rabgar directed the play while Phuntsho Choden coordinated it.

NCC cadets donate blood

As part of the National Cadet Corps (NCC) fortnight celebrations, as many as 151 cadets of different wings of NCC at Banaras Hindu University donated blood at Sir Sunderlal Hospital on 23 November.

A total of 24 NCC cadets including 24 girls cadets of 7th UP Air Squadron NCC participated in the voluntary blood donation camp and donated blood at the BHU Blood Bank.

Besides, the NCC cadets of 7th Naval Unit, Electrical and Mechanical Engineers' (EME) Unit, Arms Unit and 91st Battalion had donated 105 units of blood.

In charge of BHU Blood Bank Dr K K Gupta led the team of doctors. Prominent among others who were present on the occasion included, Wing Commander Nasir, Warrant Officer, S K Tiwari, Col V C Joshi, commander J S Singh, Col G S Rathore and Subedar A K Nag.

Besides, the cadets are participated in various social works like tree plantation, cleaning of ghats along the river Ganga, AIDS awareness campaign, Pulse Polio immunization campaign and anti-dowry pledge to mark the NCC Day on 27 November.

Luxurious lifestyle causes back, joint pain

Backache, joint pain, specially pain in the knee, has become a common problem in our society nowadays," said Dr S K Saraf, Head of Orthopedic Department at Institute of Medical Sciences.

Delivering his lecture on 'Back and knee ache: Prevention and cure' at an interactive session



organized by the University Club on 15 January. Dr Saraf said, luxurious lifestyle was the main reason behind such sort of problems.

"It should be remembered that behind all these aches and pains there is always a serious disease, in most instances, we are to be blamed," he said, adding, "For example, in the morning

after getting up we are more interested in sitting in front of the television on a thick cushioned sofa rather, than doing exercises or going for a morning walk."

"Children are so busy with their studies, that their health gets neglected quite often. Parks have disappeared and so have the outdoor games," he said.

Dr Saraf said that the key to prevention of these problems lies in a methodological approach. "If you suffer from backache or joint pain for more than few days, ensure from your doctor that the pain is not because of some serious pathology. Then once you are relieved of the symptoms, emphasis more on its preventive aspects," he said.

"One should indulge in regular exercises, proper diet, check weight and posture," he said.

"The role of mattresses, chairs, computers etc., all play an important role," he added.

Psychologist, Dr. C Tulsi, delivered his lecture on "Techniques for Stress Management" and said that faulty lifestyle, lack of physical workout and extra curricular activities were main reasons behind psychological stress. He said that if a person designed personal spiritualism method and self-relaxation, it helped in controlling stress a lot.

Dean of Institute of Medical Sciences Dr. S K Bhattacharya, chaired the session.

Club secretary Dr G C Mishra delivered the welcome address whereas Dr R K Singh conducted the proceedings of the programme. Dr G L Shah proposed the vote of thanks.

Step to strengthen India-China relations

Suchau University Law School (Taipei) will invite law experts from Banaras Hindu University to China with a view to strengthen bilateral India-Chinese academic relations especially in the field of international law.

Prof. Cheng Chia Jui of Suchau University Law School, who visited the Faculty of Law on Wednesday said law experts from Banaras Hindu University would be invited to china to



study international law adding that china would extend all possible support in this regard.

Also Chairman of Jiamin Academy of International Law Prof. Jui expressed hope that the Academy would soon sign a Memorandum of Understanding (MoU) with the Faculty of Law, to ascertain newer aspects of international law. He said the contents of the MoU would be drafted after holding discussion with the Dean, of Faculty of Law Prof. R.A.Malaviya and Current Law Forum convenor Prof.B.C.Nirmal.

He further said seven law experts, including Prof. R.A.Anand from Jawaharlal Nehru University (New Delhi) were associated with the Academy. He added that developing countries had proved their importance at the international level and international law was required to suit the contemporary socio-economic conditions in the context of developing countries.

Prof. Jui also delivered a lecture on the Changing Aspects of International Law at the Faculty of Law on 20 January. He said there was an urgent need to review traditional international law and draft a new one which could serve the purpose of developing countries at the international level. The world could be transformed into a global village only when international laws served the purpose of each section of people, he added.

New Publication

A newly arrived book Indian Political System" Historical Developments (Published in December 2005) has been authored by Dr.Shakti Nath Jha, Documentation Officer, Centre for the Study of Nepal, Faculty of Social Sciences, BHU is a marvelous document which contains treasure of information relating to the recent Politico-Historical Development of the Party System in India. Further, the Political and Social peculiarities of the modernization societies require that the parties should be related with the external and total social environment to understand its problems of developments and decay. The emergence, merger, splits, integration and disintegration of Political Parties could be explained by relating to their inside story with the totality of exogenous factors of polity. In fact both the Political system and Party System of a country mould the Political society of a country and exercise a great significant influence on the functioning of the parties.

National Seminar on "De Nouvelles Voies Pour Enseigner le Francais"

(Innovative ways of teaching French in the Indian context)

Department of French Studies, Faculty of Arts in collaboration with the Association of Indian Teachers of French (AITF) had organized a two days National Seminar on "De Nouvelles Voies Pour Enseigner le Francais" (Innovative ways of teaching French in the Indian context) on January 6-7, Bharat Kala Bhavan auditorium. Sponsored by the French Embassy in India, New Delhi, Dr.D.K.Singh was the Director of the seminar, in which the teachers from all over India participated. Prof. Madagobalane, President, AITF (also a Visiting Professor in the Department of French Studies, BHU) delivered Presidential address while Prof S L Jain, Dean, Faculty of Arts inaugurated.

The main focuses of the seminar was on the new challenges faced by the Teachers of French vis-à-vis fast changing scenario in the area of teaching and learning French. The scholars were also explored the possibilities of using multimedia, Internet, teleconferencing etc. for optimizing the results of teaching and learning of French in India. The participants, drawn from all parts of India discussed the relevance of integrating intercultural aspects into the curriculum of French language teaching at various levels.

Male dominance cause of gender bias

Former Prof. Of Economic Sociology at the University of Rome Prof. Mino Vianella has said that male dominance and hegemony was responsible for gender inequality in the Industry.



He was delivering a special lecture on Gender Differences of Political and Business Elites in the Industrialized World' at the Sociology Department, Social Science on 27 January.

Though it is witnessed that the women are doing better than their male counterparts in all spheres of life be it politics, business or administrative services, yet they are treated as second class human being, said Prof. Vianello.

Senior Faculty member at the Sociology Department, Prof. P.N. Pandey gave special remarks on the lecture. Prof. Pandey said that the issue of gender inequality should be considered from a different angle, Convener of lecture Dr.Arvind Kumar Joshi conducted the programme and introduced Prof.Vianello to the audience .Head of Sociology Department Prof.Mohd Salim welcomed he guests whereas Dean of Social Faculty Prof.P.K.Bhargava proposed the vote of thanks.

10-day NSS camp

Vice-Chancellor Prof Panjab Singh inaugurated a 10-day National service Scheme (NSS) camp at Krurkshetra pond in Assi area on 29 November. Speaking on the occasion, Prof Singh stressed the need to conserve old water bodies for water harvesting and urged a cross-section of society to come forward for this cause.

As many as 150 NSS volunteers of DAV Degree College, affiliated to BHU, will carry out various social services during the camp and also extend support in cleaning the ancient pond.

Programme officer Sri Heeralal Pandey, Dr Deenanath Singh and Mishra Lal Yadav supervised the camp.

DAV Degree College principal and member of the BHU executive council Dr Satyadeo Singh welcomed the guests and highlighted the works of the NSS wing in the college. NSS coordinator at BHU Prof R P Pathak proposed the vote of thanks.

Experts discuss burn prevention

In case of a burn injury, cool the affected part of the body under running tap water. The person whose cloths are on fire should be rolled on the ground and the flame should be smothered by covering him with a blanket or sand." said Dr. Pradeep Jain.

He was delivering a lecture on 'Burn: Prevention and Immediate Steps' as part of the public awareness lecture series on health at K N Udupa auditorium, in Banaras Hindu University, on 8 December.

Head of the Plastic Surgery Department at the Institute of Medical Sciences, BHU, Dr Jain said prevention was always better and care should be taken, Particularly with children, elderly persons and women, while working in the kitchen.

"They should not wear synthetic or loose cloths in the kitchen," he said, adding that inflammable articles like gas cylinders or kerosene stoves should not be stored in the kitchen. He further advised them that ice should not be applied on the burnt body parts.

"The burnt cloths should be immediately removed and the body should be covered with clean cloths," he said.

The victim should be immediately rushed to the nearest hospital. On the way, he or she should be given sips of water with salt., he added.

Dr. P Ranjan, reader at the Department of Anaesthesia, spoke on common poisoning.

"The commonest cause of poisoning are sulfas (aluminum phosphide), sleeping pills, insecticides, pesticides, snake-bite, scorpion bite and bee sting," he said.

Popularising German fellowship

Exchange and cooperation in learning and research promote mutual understanding on and beyond geographical, linguistic, cultural and political borders," said Mr Ulrich Podewils, Director of German Academic Exchange Service, New Delhi.

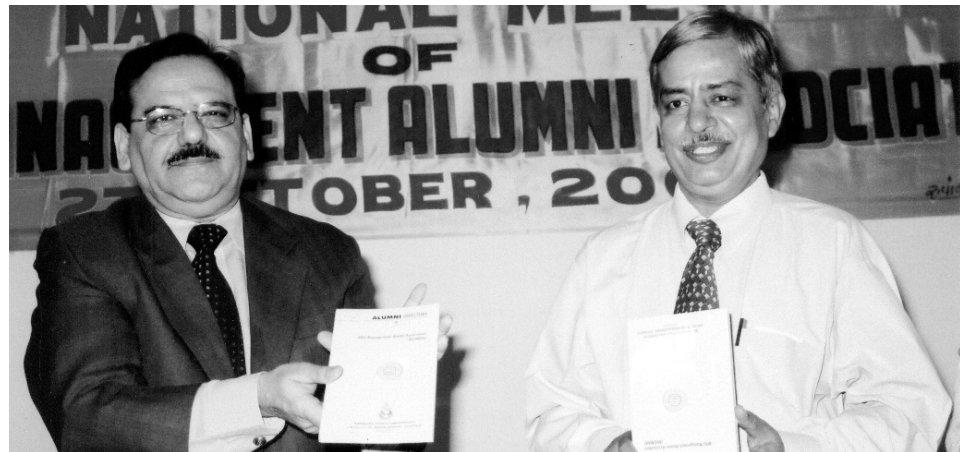
He was delivering a special lecture on 'Opportunities for Higher Studies Research and Fellowship in Germany at the Institute of Technology on 29 November.

Podewils was here to participate in a three-day international conference on 'Structure and characterisation of Physical, Chemical, Bio and Geo Materials'.

He said they were trying their best to promote exchange in order to open up professional opportunities for students and researchers and to support national economic development. At the same time they wanted to make a scientific world possible where international creativity was used to deepen knowledge and learning. Independently of their economic applicability, he added.

Programme Director of the Selection

NATIONAL MEET OF BHU MANAGEMENT ALUMNI ASSOCIATION (BHUMAA)



The National Meet of BHU Management Alumni Association (BHUMAA) was held on 23rd October in the Faculty of Management Studies, alongwith national seminar.

During the meet, 12 eminent members of BHUMAA were awarded with Distinguished Alumni Award 2005 for their excellent career achievements : Mr. Anil Kumar Jain chief Manager, UP Finance Corporation Ltd., Kanpur, Dr Atul Parvatiyar, President & CEO, Institute for Customer Relationship Management, Duluth GA 3009 (USA), Mr. B S Nagesh, customer Care Associate & Managing Director & CEO, Shoppers Stop Pvt. Ltd., Mumbai, Mr Kamal Prakash, Director, Jiwanram Sheodutrai Industries Pvt. Ltd., Kolkata, Mr. Kapil Kaul, Director (Personnel & Industrial Relations), (Retd), Indian Air Lines Ltd., Gurgaon, Mr Mukesh Gupta, Agra Chain Mfg., Ltd., Agra Mr Rajiv Gujral, Chief Operating Officer & Sr. Vice President, the Indian Hotels Company Ltd., Mumbai, Mr R C Surana, Executive Director, HEG Ltd., Noida, Prof Surendra Narain Singh, Professor of Marketing, Southwestern Bell Chair in Business, University of Kansas, Mr Uday Upendra, vice President (Global HR), Ranbaxy Laboratories Ltd., New Delhi, Mr Umendra Kumar Gupta, Chairman & MD, Holostik India Ltd., Noida and Prof Vinay K Nangia, Professor & Coordinator, Utrachal Development Cell, Department of Management Studies, IIT, Roorkee.

Ms Manu Pandey (MIBA III) and Mr Rahul Chakraborty (MBA III) two meritorious students were presented BHUMAA Merit Scholarship Award and a cash prize of Rs.10000/- each sponsored by Delhi Chapter of BHUMAA.

Reports of the activities of the regional Chapters of BHUMAA were also presented during the Meet. Mr Charian George presented the report on BHUMAA Delhi Chapter. Dr A N Mishra presented report on BHUMAA Mumbai chapter and Mr. Amitabh Agrawal presented report on BHUMAA Chapters at Varanasi, Bangalore and Hyderabad.

The first ever Alumni Directory was released on the occasion. The directory included current contact details of hundreds of Management Alumni serving the corporate world globally at various levels. during the meet, Mr Uday Upendra announced a grant of Rs. 50000/- towards scholarship and Prof vinay K Nangia declared a grant of Rs. 50000/- towards cultural activities.

Department at Alexander Von Humboldt Foundation of Germany, Dr Gerrit Limber said Humboldt Fellowship was available for doctorate or equivalent academic qualification.

This fellowship was awarded up to 40 years and awardees were selected on the basis of research plan, scientific publications in international journals and references, he said. "There is no quota for countries or academic disciplines and it is open to all" he added.

He further said there were 947 Humboldt fellows were currently working in India in various universities, institutes of technology and science, companies and other research

institutes.

"Engineering Science, chemistry, physics, bio-science, humanities and social sciences and other natural sciences are the main areas where Indian Humboltians are working at present," he added.

Earlier, conveners of the special lecture Prof H C H Rathore of the Education Faculty and Dr Ranjan Kumar Singh of the Physics Department introduced the dignitaries.

Among the students who were present on the occasion included Sunil Kumar Srivastava, Animesh Kumar Ojha, Alok Kumar Gangwar, Vikram Kumar and Deepa Singh.

BHU develops low cost anticoagulant

Scientists of chemical and bio-chemical engineering at the Institute of Technology, Banaras Hindu University have developed a low cost anti-coagulant low molecular weight heparin (LMWH) for medicinal use. This will not only help save the nation's hard-earned money by doing away with the need to import the drug but also lead the country in the line of President APJ Abdul Kalam's 'Vision 2020'

"LMWH, an anti-coagulant, is more effective than the commonly used heparin which is imported from the US and Europe," Dr P K Mishra of chemical engineering department said. By the end of this year, commercial production of LMWH injection will begin by a reputed pharmaceutical company with which the university recently signed an MoU under the 'industry-institution partnership' (IIP) programme. "This drug is totally indigenous and an outcome of efforts of BHU scientists," IT-BHU director Prof S N Upadhyaya said. He added that it would be seven to eight times cheaper than the drugs used in different medical operations at present.

"Besides the development of LMWH, scientists are also working in other important areas like developing anti-aging compounds and bio-polymers," Mishra said.

Wash hands before handling food

COMMUNICABLE DISEASES still account for more than 80 percent of total illness in developing country like India with children being the most affected, stated renowned medical expert,

Dr GN Srivastava, while delivering a lecture on

communicable diseases, especially via contaminated air, at KN Udappa Auditorium on "Usually a child suffers 5-6 times diarrhea every year whereas an open case of tuberculosis infects 15-20

healthy people in a year" said Dr Srivastava and added that contaminated air was not only responsible for transmission of life threatening viral, bacterial and fungal diseases, but also led to asthmatic illness and cancer. He stressed that contamination of food and water could be avoided if a person adopted the same practice as a doctor did during his clinical practice i.e., washing hands with soap and water and food items. "By doing this, one can reduce 90 per cent of microbial load from hand which is the most disease transmission", he said.



अन्तर्राष्ट्रीय भौतिकी वर्ष के समापन पर संगोष्ठी

संयुक्त राष्ट्र संघ ने आइन्सटीन के महत्वपूर्ण अनुसंधानों, जो 1905 में किये गये, के 100 वर्ष सम्पन्न होने पर पूरी दुनिया में 2005 को अन्तर्राष्ट्रीय भौतिकी वर्ष के रूप में मनाने की घोषणा किया था। 31 दिसम्बर 2005 को अन्तर्राष्ट्रीय भौतिकी वर्ष का अन्तिम दिन था। इसके उपलक्ष्य में का० हि० वि० वि० के भौतिकी विभाग में एक संगोष्ठी का आयोजन किया गया। संगोष्ठी में लगभग 100 वैज्ञानिकों ने भाग लिया। इसमें बोलते हुए भौतिकी अध्यक्ष प्रो० सी० पी० सिंह ने कहा कि आइन्सटीन के शोधों का असर विज्ञान के हर क्षेत्र में पड़ा है। इसीलिए आइन्सटीन को केवल भौतिकी का नकहकर सर्वांग वैज्ञानिक कहना उचित होगा। संगोष्ठी के संयोजक एवं भारतीय विज्ञान अकादमी के का० हि० वि० वि० शाखा के प्रमुख प्रो० ओ०यन० श्रीवास्तव ने ने कहा कि आइन्सटीन ने अत्यन्त विषम परिस्थितियों में कार्य करते हुए अद्वितीय अनुसंधानों जिनमें फोटोइलेक्ट्रिक प्रभाव रिलेटिविटी, ब्राउनियम गति प्रमुख हैं, को सम्पन्न करने का लक्ष्य प्राप्त किया। आइन्सटीन को ज्यूरिख विश्वविद्यालय में प्रवेश परीक्षा पास न करने के कारण उच्चअध्ययन का अवसर नहीं प्राप्त हो सका। इसी के परिणामस्वरूप वह पेटेन्ट विभाग में कलर्क बन गये। भौतिकी के प्रति उनके असीम उत्साह ने उनका साथ दिया और पेटेन्ट आफिस में काम करते हुए उन्होंने 1905 में कई महत्वपूर्ण शोध प्रस्तुत किए। बाद में उनको 1915 में उनके अद्वितीय अनुसंधानों के चलते ज्यूरिख विश्वविद्यालय में विशिष्ट प्रोफेसर बना दिया गया। उनका नाम 105 से लेकर 1921 तक लगातार नोबेल पुरस्कार के लिए प्रस्तावित होता रहा परन्तु यह पुरस्कार उनको 1922 में मिल सका। आइन्सटीन इस देरी से बिल्कुल प्रभावित नहीं हुए और 1920 उन्होंने कई अन्य महत्वपूर्ण शोध कार्य सम्पन्न किए। नोबेल पुरस्कार की पूरी राशि अदालत के आदेशानुसार उनको अपनी पूर्व पत्नी को गुजारे भत्ते के लिए दे देना पड़ा। इसीलिए ज बवह 1930 में अमेरिका पहुंचे तो उन्हें घनाभाव का आभास हुआ जिसको उन्होंने रिफ्रिजेशन विधि में शोध करके अपने पेटेन्ट को बेचकर पूरा किया। वास्तव में आइन्सटीन की पहचान विशिष्ट वैज्ञानिक के रूप में 1955 में मृत्यु के बाद ही मिली। संगोष्ठी में बोलते हुए प्रो० यशवन्त सिंह ने कहा कि आइन्सटीन का वैज्ञानिक स्वरूप अत्यन्त बेमिसाल है और शायद ही भावष्य में कोई ऐसा वैज्ञानिक जन्म ले। अमेरिका से आये हुए वैज्ञानिक प्रो० सी०यम० पाठक एवं मदन दूबे ने जोर देकर कहा कि हालांकि आइन्सटीन मूलतः जर्मनी के वैज्ञानिक थे, उनको अमेरिका में विश्व के सर्वश्रेष्ठ वैज्ञानिक एवं विलक्षण बुद्धि वाले प्रतिभा के रूप में याद किया जाता है। संगोष्ठी में प्रो० आर०यस० तिवारी, प्रो० रमाशंकर, डा० पी० के० सिवाच, डा० टी०पी० यादव एवं अन्य कई वैज्ञानिकों ने अपने विचार प्रकट किये। अन्त में संगोष्ठी का समापन करते हुए वरिष्ठ प्रो० एस०एन० ठाकुर कहा कि आइन्सटीन के जीवन से प्रेरणा लेते हुए आज के युवा वैज्ञानिकों को विषम परिस्थितियों के रहने पर भी अपने कार्य में कोताही नहीं करना चाहिए एवं देश को समृद्ध बनाने के लिए निरन्तर अनुसंधान में लगे रहना चाहिए।

पुरातन छात्राओं के मिलने से अतीत की स्मृतियां हुई ताजा

महिला महाविद्यालय के अत्युमनी असोसिएशन की ओर से 18 दिसम्बर को पूर्व छात्रासंघ का वार्षिक समारोह आयोजन किया गया। पुरातन छात्राओं की मिलन से अतीत की स्मृतियां ताजा हो गयीं। समारोह के मुख्य अतिथि महाविद्यालय की पूर्व छात्रा श्रीमती सावित्री वाही ने अपनी पुरानी स्मृतियों की चर्चा

करते हुए मैं यहा बास्केट बाल खेल, वाद-विवाद प्रतियोगिता तन्त्रमें बढ-चढकर भाग लेती थी थी। यहां से जो जीवन दर्शन मैंने धारण किया उससे जीवन जीने का सफल एवं सुदृढ़ आधार प्राप्त हुआ। पूर्व छात्रा एवं महिला महाविद्यालय की प्रथम प्राचार्या स्वंत्रतासंग्राम सेनानी डाक्टर लीला शर्मा ने कहा कि भले ही मैं शारीरिक रूप से वृद्ध दिख रही हूं परन्तु जब महाविद्यालय की प्रचार्या थी तो छात्राएं अनुशासित रहती थी। वैसे ही मैं आज भी सबको अनुशासित करने में समर्थ हूं। गुरुओं का स्मरण कर उनके प्रति श्रद्धा सुमन अर्पित करते हुए उन्होंने कहा कि उनके द्वारा मिली प्रेरणा ने राष्ट्रीय आन्दोलन में कूदने के लिए प्रेरित किया। छात्राओंसे अपील करते हुए कहा कि वे अपने गुरुओं का सम्मान करें ताकि उनके आशीर्वादसे उन्हें हर क्षेत्र में सफलता मिल सके।

अतिथितियों का स्वागत करते हुए महिला विद्यालय की प्रचार्या प्रोफेसर सुशीला सिंह ने कहा कि अतीत की स्मृति आगे बढ़ने वाले कदम को अधिक दृढ़ता से रखने में समर्थ बनाती है। उन्होंने पूर्व छात्रा श्रीमती सावित्री वाही द्वारा दिये चित्र कीर्त्तवा करते हुए कहा कि इस चित्र में महिला विद्यालय के सेन्ट्रल हाल में 1945 में पंडित जवाहरलाल नेहरू छात्राओं से घिरे बैठे हैं, जो महिला विद्यालय के लिए ऐतिहासिक महत्व का है। उन्होंने देश-विदेश में रह रही पूर्व छात्राओं से अपील करते हुए कहा कि वह इस महाविद्यालय से जुड़कर भावी पीढ़ी के प्रति योगदान दें। पूर्व छात्रासंघ कीसंयोजिका प्रोफेसर पुष्पा अग्रवाल ने वार्षिक प्रतिवेदन प्रस्तुत किया। अमृत पत्रिका का निरन्तर प्रकाशन हो सकेइसके लिय सबसे सहयोग की अपील की। इस अवसर पर संघ की ओर से काव्य संध्या का आयोजन किया गया। इसमें प्रोफेसर ष्णा बनर्जी, डाक्टर मीता राय चौधरी, प्रोफेसर अंजनामुखोपध्याय, डाक्टर आभा मिश्र, डाक्टर जयंती, डाक्टर शशी अग्रवाल, डाक्टर सुष्मा त्रिपाठी ने काव्य पाठ किया। इसके पूर्व मुख्य अतिथि श्रीमती सावित्री वाही, डाक्टर लीला शर्मा ने संयुक्त रूप से मालवीय जी के चित्र पर माल्यार्पण कर समारोह का शुभारम्भ किया। संचालन प्रोफेसर अंजनामुखोपध्याय, डाक्टर अनुष्ठा बनर्जी एवं धन्यवाद ज्ञापन प्रोफेसर मधुबाला त्यागी एवं प्रोफेसर कुमुद प्रभा श्रीवास्तव ने दिया।

संसाधन संरक्षण तकनीक पर

कृषक-कार्यशाला

कृषि विज्ञान संस्थान द्वारा "संसाधन संरक्षण तकनीक" पर कृषक कार्यशाला सस्य विज्ञान विभाग, कृषि विज्ञान संस्थान तथा राइस-व्हीट कन्सोर्टियम, नई दिल्ली के संयुक्त तत्वाधान में 13 दिसम्बर को आयोजित की गयी। सस्य वैज्ञानिक डॉ० यू० पी० सिंह ने कार्यशाला के उद्देश्य पर प्रकाश डाला तथा विभिन्न संसाधन संरक्षण तकनीक पर चल रहे कृषक सहभागी शोध कार्यक्रम के बारे में विस्तार से चर्चा की। मुख्य अतिथि निदेशक डॉ० ओ० पी० श्रीवास्तव ने जल संरक्षण पर विशेष बल दिया। कार्यशाला में किसानों ने अपने अनुभव सुनाए तथा जीरोटिल, बड़े प्लाटिंग, कंट्रोल ट्रेफिक, फसल विविधिकरण धान-गेहूँ फसल में डबल जीरोटिल सेहोने वाले लाभों को बतलाया तथा इसे अपनाने से लागत में कमी, उपज में वृद्धि तथा प्राकृतिक संसाधनों एवं पानी, खाद, बीज, डीजल, श्रम आदि के संरक्षण एवं बचत पर प्रकाश डाला। इस कार्यशाला में पूर्वी उत्तर प्रदेश के विभिन्न जनपदों बलिया, गाजीपुर, आजमगढ़, मऊ, चन्दौली बनारस के किसानों ने भाग लिया तथा स्थानीय परिस्थितियों में उपरोक्त तकनीक को अपनाने की सम्म्वानाओं पर भी गहन विचार-विमर्श किया गया। कृषि अर्थशास्त्री डॉ० एच० पी० सिंह ने कार्यक्रम का संचालन किया। डा० आर० पी० सिंह, विभागाध्यक्ष, सस्य विज्ञान ने अतिथितियों का स्वागत किया एवं मृदा वैज्ञानिक डॉ० जनार्दन यादव ने धन्यवाद ज्ञापित किया।

भारतीय संस्कृति व परम्परा के पोषक थे रहीम : शर्मा

संस्कृत विद्या धर्म विज्ञान संकाय में रहीम जयंती समारोह आयोजित किया गया। अखिल भारतीय मुस्लिम संस्कृत संरक्षण एवं प्राच्य शोध संस्थान के सहयोग से आयोजित समारोह में सांस्कृतिक संस्था ज्ञान प्रवाह के मानद निदेशक प्रो० रमेशचन्द्र शर्मा ने मुख्य अतिथि के पद से बोलते हुए कहा कि रहीम भारतीय परम्परा के पोषक थे।

संस्कृत विद्या धर्म विज्ञान संकाय के सभागार में आयोजित रहीम जयन्ती समारोह में 'प्राच्य साहित्य की संवृद्धि में रहीम का योगदान' विषयक संगोष्ठी में प्रो० शर्मा ने कहा कि रहीम के व्यक्तित्व की यह विशेषता अकबर द्वारा दिये गए परिवंश की देन थी। उस समय मुकुंद, जगन्नाथ, धर्मदास, लक्ष्मण, मनोहर आदि भी कला व साहित्य साधना में लीन थे। रहीम का सांस्कृतिक अवदान मुगल सम्राट अकबर की प्रेरणा एवं परिवेश का साकार रूप है। समारोह के विशिष्ट अतिथि व पूर्व संकाय प्रमुख प्रो० रामचन्द्र पाण्डेय ने पांचवीं सदी में बाराहमिहिर ने उद्घोष किया था कि ज्ञान विभिन्न वर्गों को एक दूसरे के निकट लाता है। रहीम अगर उस समय नमाज पढ़ते थे तो कृष्ण प्रेम में भी पगे थे। ऋषितुल्य कवि रहीम की वाणी युगांतर तक नए संदर्भों का सृजन करती रहेगी। कार्यक्रम के सारस्वत अतिथि फारसी विभाग के अध्यक्ष डॉ० उमरकमालुद्दीन ने फारसी भाषा में खानखाना के दरबार के चन्द इरानी शोहरात से शीर्षक से अपना शोध निबन्ध प्रस्तुत किया। दूसरे सारस्वत अतिथि डा० पृथ्वी पाल पाण्डेय ने कहा कि रहीम परिवेश, परिस्थितियों एवं प्रतीक के पर्याय है। डा० किशोरीलाल गुप्ता ने कहा कि प्राचीन साहित्य की श्रृद्धि में रहीम का योगदान कभी भी भुलाया नहीं जा सकता है। डा० शुक्रदेव सिंह ने कहा कि मंदिर और मसजिद दोनों सजदा की जगह है। राम और रहीम दोनों समान रूप से पूज्य हैं। दूसरे सत्र में कवि समवाय का समायोजन हुआ। साहित्य विभाग के पूर्व रीडर आचार्य शिवदत्त शर्मा चतुर्वेदी की अध्यक्षता में आयोजित इस कार्यक्रम में डा० मनुलता शर्मा, डा० हरेराम द्विवेदी, डा० शुचिस्मिता पाण्डेय, डा० शरदिंदु तिवारी, डा० लाला शंकर गयाववाल, डा० राम वियन सिंह डा० राजीव त्रिगर्ती, अनंतमणि त्रिवेदी, राहुल सिंह, अरविन्द तिवारी, श्रीनिवास मिश्र, सत्य प्रकाश पाठक आदि ने कविताएं पढ़ीं।

बीएचयू कृषि विज्ञान संस्थान का वार्षिकोत्सव

बिखेरा सांस्कृतिक जलवा

खेतों की गुणवत्ता बढ़ाने और राष्ट्र को उन्नत किस्म का अनाज देने की सोच के साथ कृषि विज्ञान की पढ़ाई करने वाले छात्रों की सांस्कृतिक प्रतिभा का दर्शन 18 दिसम्बर को हुआ। कृषि विज्ञान संस्थान का वार्षिक उत्सव 'सृष्टि-2005' में गायन, वादन, नर्तन और अभिनय की उम्दा मिसाल प्रतिभागियों ने पेश किये। अंतर संकाय शैक्षणिक व सांस्कृतिक प्रतियोगिता में मस्ती और उल्लास का माहौल रहा।

नर्तन में लोच, गायन में स्वर और अभिनय में झलका भाव

एकल गायन की महफिल सजी तो एक से बढ़कर एक प्रतिभावान गायक निर्णायक डा० आनंद स्वरूप सिंह के सम्मुख उपस्थित हुए। राहुल 'ओ मेरे दिल के चैन' तो अनब 'तेरा मिलना पल दो पल का' सुनाकर संयुक्त रूप से प्रथम पुरस्कार के लिए चयनित हुए तो शुभांगी ने 'पिया तो से नैना लागी रे' तथा राजदीप ने 'हमें तुमसे प्यार कितना' सुनाकर संयुक्त रूप से द्वितीय स्थान पाया, तृतीय स्थान ऋचा ने 'ओ पिया-ओ पिया' सुनाकर प्राप्त किया। माइम में प्रथम स्थान बीएससी तृतीय वर्ष की टीम को मिला, जिसने कश्मीर में आतंकवाद के चलते उपजी स्थिति को अपनी प्रस्तुति में संजोया। द्वितीय स्थान पाने वाली बीएससी द्वितीय वर्ष की टीम ने जनसंख्या वृद्धि की समस्याओं को दर्शाया। तीसरे स्थान पर बीएससी प्रथम वर्ष की टीम रही। उत्सव की प्रवक्ता प्रियंका कोहली के अनुसार स्कीट में बीएससी द्वितीय वर्ष की टीम प्रथम, तृतीय वर्ष की टीम द्वितीय तथा प्रथम वर्ष की टीम तीसरे स्थान पर रही। मोनो एक्टिंग में विश्वजीत प्रथम, रचना द्वितीय तथा ओमप्रकाश तृतीय स्थान पर रहे। युगल गायन में पार्थो एवं केशव की जोड़ी प्रथम रही। शिवांगी व मधुलिका तथा ऋचा व अनिमा की जोड़ी क्रमशः द्वितीय एवं तृतीय स्थान पर रही। एकल नृत्य पर किरन ने होठों पर ऐसी बात में दबा के चली आयी पर थिरकी। मोके पर समूह गीत में प्रथम स्थान बीएससी प्रथम वर्ष की टीम ने, जिसने 'ये माना मेरी जान' कव्वाली पेश किया जबकि द्वितीय स्थान पर तृतीय वर्ष की टीम तथा तृतीय स्थान पर द्वितीय वर्ष की टीम रही। इस अवसर पर संस्थान के निदेशक प्रो० ओपी श्रीवास्तव, संकाय प्रमुख प्रो० जनार्दन सिंह, छात्र सलाहकार अजीत सेन आदि उपस्थित थे।



an appeal for contribution



It is heartening to note that BHU News Letter is now published regularly. In its earlier incarnation, BHU News Letter was immensely popular containing news items, writeups and articles from all corners of the University. Since then technology has converged into favour giving number of opportunities for experiments, innovations and varieties. The BHU NEWS would only be representing the community for which it is published when it has an involvement and participation of the fraternity. Therefore, I invite every member of the University to contribute in the news letter with their suggestions, writeups, articles and news items. Suggestions are solicited to improve the content and presentation and also constructive suggestions for the University.

■ Editor

कार्यशाला

हिन्दी में विज्ञान लेखन की समस्याएं एवं उसका निदान

विज्ञान के क्षेत्र में हो रहे नित नये अनुसंधान एवं विश्व में फैले हुए वैज्ञानिक ज्ञान भण्डार को राष्ट्रभाषा हिन्दी में लेखन के माध्यम से विद्यार्थी समुदाय और जन सामान्य में प्रसारित करने के दौरान आ रही विभिन्न समस्याओं पर विस्तार से चर्चा करने के लिए तथा इनके निदान के लिए सार्थक पहल हेतु एक द्विदिवसीय कार्यशाला का आयोजन स्वतंत्रता भवन में दिनांक 13 और 14 दिसम्बर को किया गया। यह आयोजन मानव संसाधन विकास मंत्रालय, नयी दिल्ली के वैज्ञानिक तथा तकनीकी शब्दावली आयोग एवं काहिविवि स्थित हिन्दी प्रकाशन समिति के संयुक्त तत्वावधान में किया गया। कार्यशाला का उद्घाटन गोरखपुर विश्वविद्यालय के पूर्व कुलपति प्रोफेसर बेणी माधव शुक्ल ने किया। उन्होंने कहा कि वैज्ञानिक और तकनीकी समृद्धि किसी भी राष्ट्र के विकास की कसौटी है। यह समृद्धि तब और प्रभावी होती है जब विज्ञान व तकनीकी अध्ययन की भाषा वहाँ की मातृभाषा हो। मातृभाषा में अध्ययन से मौलिक चिन्तन के साथ साथ मस्तिष्क का भी विकास होता है। प्रोफेसर शुक्ल ने विज्ञान की भाषा हिन्दी न होने का कारण भारतीयों की राष्ट्रभाषा के प्रति उपेक्षा बताया। प्रोफेसर शुक्ल के अनुसार यदि भारत में अध्ययन-अध्यापन हिन्दी में अधिक होता तो यहाँ विज्ञान और तकनीक के मौलिक सिद्धान्तों का अधिकाधिक विकास होता। हिन्दी भाषा में वैज्ञानिक तकनीकी कार्यशाला के प्रारूप पर प्रकाश डालते हुए कहा कि जब तक हमारे ज्ञान विज्ञान के पुस्तकों का अधिकाधिक लेखन और प्रकाशन हिन्दी भाषा में नहीं होगा तब तक विज्ञान देश में जन-जन तक, एक बड़े तबके के शिक्षार्थियों तक नहीं पहुँच पायेगा। उन्होंने कहा कि आज दृढ़ इच्छा शक्ति एवं संकल्प के अभाव के कारण ही हिन्दी संविधान में सैद्धान्तिक रूप से मान्य राष्ट्रभाषा होते हुए भी अपनी अस्मिता के लिए आजादी के कई दशकों बाद भी विलाप कर रही है। वास्तव में हिन्दी प्रचार – प्रसार एवं प्रयोग के लिए उतने कटिबद्ध नहीं है जितना होना चाहिए। उन्होंने हिन्दी में विज्ञान लेखन के लिए काहिविवि के वैज्ञानिकों को अधिकाधिक संख्या में आगे आने को कहा। कार्यशाला में रेक्टर प्रोफेसर श्रीकान्त लेले ने अध्यक्षीय संबोधन देते हुए कहा कि हिन्दी के प्रसार में सबसे बड़ी बाधा इसमें किसी प्रकार की नियम बद्धता का अभाव है। उन्होंने हिन्दी के प्रयोग के लिए कड़े प्रशासनिक नियम लागू करने एवं हिन्दी विज्ञान का अध्ययन स्तर से ही अनिवार्य करने की आवश्यकता पर जोर दिया। वैज्ञानिक तथा तकनीकी शब्दावली आयोग नयी दिल्ली के वैज्ञानिक अधिकारी डॉ० दीपक कुमार ने आयोग के कार्य-कलापों पर प्रकाश डालते हुए आयोग की तरफ से वैज्ञानिक लेखन को प्रोत्साहित करने के लिए विभिन्न योजनाओं के बारे में बताया।

कार्यशाला में लगभग 100 से ज्यादा प्रतिभागियों ने भाग लिया। विशिष्ट व्याख्यानदाता के रूप में बोलते हुए उत्तर प्रदेश लोक सेवा आयोग के पूर्व अध्यक्ष एवं कानपुर विश्वविद्यालय के पूर्व कुलपति प्रोफेसर कृष्ण बिहारी पाण्डेय ने कहा कि मौलिक चिन्तन मातृभाषा में ही संभव है। उन्होंने भारत में आज भी हिन्दी को उचित स्थान न मिलने पर दुःख व्यक्त करत हुए कहा कि हमारी मानसिक गुलामी ही हिन्दी के विकास में मुख्य रोड़ा है। हमारे वेदों में विज्ञान एवं तकनीक का जितना ज्ञान भरा है उतना और कहीं नहीं मिलेगा। प्रोफेसर पाण्डेय के अनुसार जन सामान्य की भाषा में वेदों में अवस्थित ज्ञान-विज्ञान को अनुदित कर देश की वैज्ञानिक क्षमता बढ़ाई जा सकती है।

शांति निकेतन विश्वविद्यालय के हिन्दी भाषा विज्ञान के प्रोफेसर हरिश

चन्द्र मिश्र ने कहा कि अपनी मातृभाषा में शब्दों का अभाव महसूस नहीं होता और अपनी बात पूर्णता में कही जा सकती है। उनके अनुसार लोकप्रिय विदेशी भाषा के शब्दों को हिन्दी में स्वीकृत किये जाने में परहेज नहीं होना चाहिए प्रोफेसर मिश्र ने बल दिया कि अन्य भाषाओं से हिन्दी में अनुवाद करते समय भावार्थ तथा विचारों का ही अनुवाद होना चाहिए, अक्षरसः शाब्दिक अनुवाद करना ज्यादा बोधगम्य नहीं होगा।

काहिविवि के भौतिक विभाग के प्रो० देवेन्द्र कुमार राय ने हिन्दी के माध्यम से विज्ञान की पढ़ाई में आ रही मूल समस्या राष्ट्रभाषा हिन्दी में समानार्थी तकनीकी शब्दों का अभाव बताया। उनके अनुसार विदेशों में शोध के दौरान तकनीकी नामकरण गुणों के आधार पर वहाँ के भाषा में किया जाता है। उनके समानार्थी शब्दों का भारतीय भाषा में अभाव सबसे बड़ी समस्या है। प्रोफेसर राय ने दूसरी समस्या भाषा के अभ्यास को बताया। उनके अनुसार इसमें धीरे-धीरे बदलाव लाने की आवश्यकता है, क्योंकि अचानक आमूल परिवर्तन से कई समस्याएं पैदा हो जाएंगी। लखनऊ स्थित राष्ट्रीय वनस्पति विज्ञान शोध संस्थान के वरिष्ठ वैज्ञानिक डॉ० उपेन्द्र नाथ राय ने हिन्दी में वैज्ञानिक साहित्य के लेखन की सबसे बड़ी समस्या प्रमाणिक, वैज्ञानिक तथा तकनीकी शब्दकोश के अभाव को बताया। उनके अनुसार विशेष अवस्थाओं के लिए उचित शब्द नहीं मिल पाते। डॉ० राय के अनुसार हिन्दी में अनुदित शब्दों की बोधगम्यता भी दूसरी बड़ी समस्या है। तकनीकी शब्दों का जो अनुवाद हिन्दी में किया जाता है वह इतना अपरिचित होता है कि सहजता से समझ में ही नहीं आता है। आज अंग्रेजी के कुछ शब्द इतने प्रचलन में हैं कि उन्हें उसी रूप में आसानी से भाषा में लिया जा सकता है क्योंकि लोग इन शब्दों को उनके हिन्दी अनुवाद की अपेक्षा अंग्रेजी में अच्छी तरह समझ सकते हैं।

जैव प्रौद्योगिकी के प्रोफेसर ब्रह्मदेव सिंह ने कहा कि नित होते वैज्ञानिक अनुसंधानों को ध्यान में रखते हुए यह आवश्यक है कि हिन्दी में लिखी हुई विज्ञान के नवीन संस्करण समय के साथ-साथ प्रकाशित होते रहें अन्यथा उनकी उपयोगिता समाप्त हो जाती है। राजस्थान के उदयपुर विश्वविद्यालय के पूर्व कुलपति प्रोफेसर एस०एन० दूबे ने कहा कि यह वस्तु स्थिति है कि विज्ञान का अध्ययन केवल हिन्दी भाषा में होने से हमारे छात्रों को प्रतियोगिता परीक्षाओं में पिछड़ने का मानसिक रूप से भय बना रहता है। अतः विद्या का अध्ययन हिन्दी भाषा में होने के साथ-साथ यह भी ध्यान देना होगा कि दूसरी भाषा में स्थित ज्ञान विज्ञान के पुस्तकों का समयानुसार तात्कालिक अनुवाद विद्यार्थियों को आसानी से सुलभ हो सके। इसके लिए उन्होंने वैज्ञानिक तथा तकनीकी शब्दावली आयोग को आगे आ कर पाठ्य पुस्तकों के सतत नवीनीकरण, प्रकाशन, वितरण, प्रचार प्रसार एवं भण्डारण की समस्याओं पर निगरानी रखने को कहा।

प्रौद्योगिकी संस्थान के निदेशक प्रोफेसर सिद्धनाथ उपाध्याय ने विज्ञान लेखन में मानक शब्दावली के प्रयोग को बढ़ावा देने पर बल दिया। उनके अनुसार केन्द्र सरकार या राज्य सरकारों के दफ्तरों तथा विभिन्न संस्थानों में हिन्दी में होने वाले कार्य व्यवहार या हिन्दी में छपने वाले पत्रकों में प्रयुक्त शब्दों में त्रुटियाँ नहीं होनी चाहिए। इससे समाज में गलत संदेश जाता है। डिफेंस रिसर्च एण्ड डेवलपमेन्ट आर्गनाइजेशन के पूर्व निदेशक प्रोफेसर हरिद्वार सिंह ने कहा कि विज्ञान एवं प्रौद्योगिकी का हर काम हिन्दी में हो सकता है। हिन्दी सम्पन्न भाषा है और यह देश की प्रशासनिक, वैज्ञानिक, तकनीकी, वाणिज्यिक आदि क्षेत्रों की भाषा

सम्बन्धी आवश्यकताओं को पूरा करने में समक्ष है। "राकेट प्रणोदक" पर हिन्दी में पुस्तक लिख चुके प्रो० हरिद्वार सिंह ने कहा कि राष्ट्रभाषा के प्रति लोगों में लगाव की कमी की वजह से विज्ञान की उच्चस्तरीय शिक्षा हिन्दी में नहीं हो पा रही है। प्रशासन में हिन्दी के प्रयोग की प्रतिबद्धता न होना भी हिन्दी के प्रसार में बहुत बड़ा रोड़ा है। गोरखपुर विश्वविद्यालय के भौतिक विज्ञानी प्रोफेसर जय प्रकाश चतुर्वेदी तथा काहिविवि के भौतिक विज्ञान के प्रोफेसर फूलचंद मिश्र ने दृष्ट-श्रव्य संगणक उपकरणों के माध्यम से अत्यन्तबोधगम्य भाषा में भौतिक विज्ञान से सम्बन्धित व्याख्यान प्रस्तुत किया।

कृषि विज्ञान संस्थान के पूर्व संकाय प्रमुख प्रो० भूपेन्द्र राय ने विज्ञान में हिन्दी के कम प्रचलन का कारण सरकारी प्रयासों का अभाव बताते हुए कहा कि प्रशासन की सक्रिय भागीदारी तथा हिन्दी प्रयोग के कड़े नियम ही हिन्दी की समृद्धि का मार्ग प्रशस्त कर सकते हैं। सामाजिक विज्ञान संकाय, काहिविवि के पूर्व संकाय प्रमुख प्रो० रामश्री त्रिपाठी ने कहा कि विज्ञान के कई क्षेत्रों में आज हिन्दी पुस्तकों का सर्वथा अभाव है। उन्होंने सरकार की तरफ से हिन्दी में पुस्तक लेखकों को प्रोत्साहन एवं पुस्तकों के वितरण की व्यवस्था करने की आवश्यकता पर बल दिया। उन्होंने कहा कि अगर विज्ञान का अध्ययन-अध्यापन हिन्दी में होता तो आज भारत में विज्ञान और समृद्ध होता।

कार्यशाला के दौरान पर्यावरण विज्ञान लेखन और अध्यापन में आने वाली समस्याओं को चिन्हित करने के लिए एक विशेष सत्र का आयोजन किया गया। पर्यावरण विज्ञानी डॉ० दयाशंकर त्रिपाठी ने पर्यावरण के संरक्षण संबंधी पहलुओं पर प्रकाश डालते हुए हिन्दी में पर्यावरण विज्ञान की अधिकाधिक पुस्तकें लिखने तथा पर्यावरण विज्ञान विश्वकोष के निर्माण पर बल दिया। प्रो० देवेन्द्र कुमार राय ने इससे पर्यावरण में हो रहे प्रतिकूल प्रभावों पर सबका ध्यान आकृष्ट करते हुए पर्यावरण शिक्षा का जन जागरण के तौर पर लेने तथा इसके लिए विश्वविद्यालय स्तर की लोकप्रिय एवं बोधगम्य पुस्तकों के लेखन और प्रकाशन पर बल दिया।

कार्यशाला के समापन-सत्र में विभिन्न प्रतिभागियों ने अपने सुझाव प्रस्तुत किये तथा वैज्ञानिक तथा तकनीकी शब्दावली आयोग के वैज्ञानिक अधिकारी डॉ० दीपक कुमार ने कार्यशाला की सफलता के लिए सभी प्रतिभागियों तथा वक्ता गणों का आभार प्रकट किया।

किसान गोष्ठी सम्पन्न

कृषि विज्ञान संस्थान स्थित आनुवंशिकी एवं पादप प्रजनन विभाग तथा मक्का अनुसंधान निदेशालय, नई दिल्ली के संयुक्त तत्वावधान में किसान गोष्ठी 27 दिसम्बर को दिन में 11.00 बजे चकिया तहसील के मोरारपुर गाँव में आयोजित की गयी। इस गोष्ठी में वाराणसी तथा मिर्जापुर मण्डल के 200 किसानों ने भाग लिया। परियोजना के मुख्य अन्वेषक तथा मक्का अभिजनक डॉ० जै०पी० शाही ने किसानों का स्वागत करते हुए कहा कि खरीफ में संकर प्रजाति के प्रदर्शन से काफी उत्साहजनक परिणाम मिले हैं और किसानों ने इसकी खेती करके हरा भुट्टा बेचकर काफी आय अर्जित किया है। उन्होंने बताया कि रबी में भी अग्रिम पंक्ति प्रदर्शन के तहत चयनित किसानों के यहाँ स्वीट कार्न, गुणवत्ता युक्त प्रोटीन मक्का तथा सामान्य मक्के की खेती का प्रदर्शन किया जायेगा। बतौर मुख्य अतिथि प्रोफेसर विजय प्रताप सिंह ने बताया कि विभिन्न प्रकार के मक्के की खेती से किसान अच्छी आमदनी प्राप्त कर सकता है। डॉ० रामनरेश सिंह ने बेबी कार्न के खेती की विस्तृत चर्चा की। अन्य विषय विशेषज्ञों जैसे डॉ० रमेशचन्द्र, डॉ० सी०पी० श्रीवास्तव तथा डॉ० लालचन्द्र ने रोगों तथा कीटों इत्यादि से संबंधित समस्याओं एवं उसके निदान के बारे में विस्तृत जानकारी दी। गोष्ठी का संचालन डॉ० शिव प्रताप सिंह तथा धन्यवाद ज्ञापन प्रोफेसर रविप्रताप सिंह ने किया।



overview of research

LIST OF CANDIDATES WHOSE NAME HAVE BEEN RECOMMENDED BY THE RESEARCH DEGREE COMMITTEE FOR THE AWARD OF Ph.D./C'AKRAVARTI DEGREE AT ITS MEETINGS HELD ON 10.10.2005

Sl. No.	Name of Candidates	Name of Supervisor	Topic of Research	Subject	Year of Award
Faculty of Agriculture					
1	Dhiman Mukharjee	Prof. R.P. Singh	Studies on Bioefficacy of Low Does High Efficiency Herbicides in Transplanted Rice (<i>Oryza sativa</i> L)	Agronomy	2004
2	Govind Sharma	Dr. V.K. Srivastava	A study of Livelihood Strategies of Hunter-Gratherer Farmers of Naugarh Block of Chandauli District in U.P	Agronomy	2004
3	Rajeev Kumar Srivastava	Dr. J.S. Bohara	Studies on Wheat + Mustard Intercropping in Relation to Row Ratio, Mustard Variety and Fertility Levels under Irrigated Conditions	Agronomy	2005
4	Ram Pravesh	Dr. D.P. Singh	The Effect of Compounded Herbal drug on Chemical Characteristics and Microbial Population of Rumen Vis-A-Vis Growth Performance in Cross Bred Calves	Animal Hus. & Dairying	2004
5	Ajay Kumar Tomer	Prof. J.P. Lal	Genetic Enhancement of lentil (<i>Lens culinaris</i> Medik)	Gentic and Plant Breeding	2005
6	Ravi Pratap Narayan Mishra	Dr. H.K. Jaiswal	Genetic and Biochemical Studies on Endophytic Rhizobia in Rice Plants		
Faculty of Arts					
1	Ms. Archana Sharma	Prof. M.S. Shukla	दानपारमिता: एक समीक्षात्मक अध्ययन	A.I.H.C. & Archaeology	2004
2	Ms. Shalini Sharma	HoD	प्राचीन भारत में स्वर्णभूषण	A.I.H.C. & Archaeology	2002
3	Rajesh	Dr. Ramji Pandey	पुराणों में वैष्णव धर्म का विकास, सातवीं शताब्दी से दशवीं शताब्दी तक	A.I.H.C. & Archaeology	2001
4	Ms. Nisha Singh	Prof. Sushila Singh	The Concept of Womanhood in the Novels of R.K. Narayan	English	2005
5	Pramod Kumar Pandey	Dr. B.L. Tripathi	Novels of Anita Desai : A Study of her Women Protagonists	English	2002
6	Banibrata Mahanta	Dr. A.K. Tripathi	The presence of the Past: Gothic Elements in the Novels and Stories of Joseph Conrad	English	2002
7	Kabi Prasad Pokharel	Prof. S.B. Singh	Local Efforts on Resource Conservation and Eco-Development : A Case Study of Mid Western Development Region, Nepal	Geography	2004
8	Vimlesh Kumar Singh	Dr. Ashok Singh	भीष्म साहनी की कहानियों में विचार और रचना का अंतर सम्बन्ध	Hindi	2004
9	Jeetendra Kumar Rai	Prof (Mrs) Ramkali Saraf	दलित चेतना का अन्तर्विरोध और प्रेमचन्द के उपन्यासों में दलित चेतना	Hindi	2004
10	Ms. Krishana	Dr. Rashmi Kala Agrawa	राजस्थानी चित्रों में कृष्णलीला का अंकन	History of Art	2003
11	Ms. Anupama Agrawal	Dr. S.K. Srivastava	उत्तर प्रदेश के मध्य कालीन दुर्ग	Museology	2001
12	Ashin Indaka	Dr. Bimalendra Kumar	Social Ideas in Early Buddhist	Pali & Buddhist	2005
13	Mohan Mishra	Prof. H.S. Shukla	बौद्ध दर्शन में त्रिकाय की अवधारणा	Pali & Buddhist	2005
14	Mukesh Chaudhary	Dr. (Mrs.) Sushma Ghildal	Nutritional and Kinthropometrical Survey of North and South Indian Athletes	Physical Education	2004
15	Ashok Kumar	Dr. P.D. Singh	बाणभट्ट की रचनाओं में पुरुष पात्र एक परिशीलन	Sanskrit	2004
16	Masroor Ahmad Khan	Dr. Qumar Jahan	Josh Maleehabadi Hayat Aur Shairee	Urdu	2004
Faculty of Ayurveda					
1	Ms. Shradha B.S.	Prof. V.K. Joshi	A Comparative Study of Vidanga and Kampilaka as Krmighana	Dravya Guna	2005
2	Ms. Renu Dixti	Dr. V.K. Joshi	Basonym & Synonyms of Drugs in Ayurvedic Classics vis a vis	Dravya Guna	2005
	Subedar Prasad	Dr. Mahendra Sahai	Chemical Investigation Annouaceae Plant	Medicinal Chemistry	2005
Faculty of Education					
1	Ms. Alpna Rai Nee Sharma	Dr. P.N. Singh	A Study of Sense of Deprivation among Women Teachers	Education	2001
2	Ms. Smita Srivastava	Dr. Umesh Chandra Rai	A Study of Objectives and Curriculum of Training Programme Followed at Bachelor of Education Level	Education	2002
3	Ms. Jyoti Vashista nee Jyoti Dwivedi	Dr. Sunil Kumar Singh	Emotional Intelligence of Prospective Teachers in Relation to their Classroom Behaviour	Education	2004

Sl No	Name of the Candidate	Name of Supervisor	Topic of Research	Subject	Year of Award
Faculty of Engg. & Technology					
1	Ms. Manjusha Verma	Dr. Krishana Nand Singh	Synthesis and Evaluation of Some Novel Heterocyclic Compounds	Applied Chemistry	2004
2	Deva Brat Ojha	Prof. R.N. Mukherjee	Optimization Techniques Mathematical Programming	Applied Chemistry	2004
3	Manoj Kumar Mandal	Prof. Surendra Kumar	Removal of Sulphar Dioxide from Simulated Thermal Power Plant Stack Gases	Chemical Engg.	2004
4	Prashant Kumar Pandey	Prof. B.B. Paul	Some Studies on Theoretical Modeling and Simulation of Si - SOI Engineering	Electronics	2004
5	Sanjay Kumar Mishra	Prof. Dhananjai Pandey	Studies on Structures and Phase Transitions in (Sr, Ca) TiO ₃ Cerramics Science & Technology	School of Material	2004
6	Ranjit Mahanti	Dr. A.K. Kapoor	Quasi Passive Filter for Power Quality Improvement	Electrical Engg.	2005
7	Birendra Prasad Sinha	Prof. R. Nath Shri A. Santharam (External)	Effect of Rock Mass Parameters on Ground Vibrations Due to Blasting	Mining Engg.	2005
Faculty of Management Studies					
1	Ms. Rinku Bhatia	Dr. Usha Kiran Rai	Content Analysis of Advertisements on Indian Television : A Case Study	Management Studies	2003
Faculty of Medicine					
	Zubair Ahmad Karim	Dr. D. Dash	Regulation of Different Signaling Pathways in the Resting and Activated Human Platelets	Biochemistry	2004
Faculty of Performing Arts					
1	Jitendra Kumar Mishra	Dr. Prahlad Nath	शास्त्रीय संगीत एवं भारतीय समाज एक समालोचनात्मक अध्ययन	Instrumental Music	2003
Faculty of Science					
1	Ms. Sarica Gupta	Dr. (Mrs.) Sushma Rathaur	Glutathione S- transferase in Filariasis : Purification, Characterization and its Immunoprophylactic Potential	Biochemistry	2004
2	Ms. K.J. Meena Kumari	Prof. Amitabh Krishana	Investigation on factors responsible for delayed embryonic development in the Indian short-nosed fruit bat, cynopterus sphinx	Zoology	2004
Faculty of Social Science					
1	Udham Singh	Dr. R.P.L. Jain	Agricultural Price Variation and its Impact on Agricultural Production in India (During Plan Perion)	Economics	2001
2	Alok Kumar Pandey	Dr. Achal Kumar Gaur	Export Led Growth: The Indian Experience	Economics	2005
3	Achyut Kumar Singh	Dr. M.P. Singh	भारत – बांग्लादेश आर्थिक सम्बन्ध व्यापार के विशेष संदर्भ में	Economics	2004
4	Ms. Amriti Singh	Dr. R.P.Singh	मुगलकाल में राजपूत प्रतिरोध	History	2005
5	Bijay Kumar Mohaptra	Prof. A.K. Srivastava	A Study of Relationship of Perceived Work Environment with Job Attitude, Performance & Health	Psychology	2003
6	Vipin Prakash Singh	Dr. J.N. Singh	ग्रामीण समुदाय में सामाजिक स्तरीकरण के बदलते प्रतिमान (चंदौली जनपद के कुछ गांवों पर आधारित एक समाज वैज्ञानिक अध्ययन)	Sociology	2004
7	Ravi Prakash	Dr. Vishnu Gopal	अनुसूचित जातियों पर ग्रामीण विकास कार्यक्रम के प्रभाव का समाजवैज्ञानिक अध्ययन (वाराणसी जनपद के काशी विद्यापीठ विकास खण्ड पर आधारित)	Sociology	2004
8.	Ms. Alka	Dr. A.R. Mehrotra	महिला अपराधियों की सामासजिक आर्थिक स्थिति	Sociology	2002
Faculty of S.V.D.V.					
1	Uday Shankar Pandey	Dr. Kaushailendra Pandey	चमत्कारचन्द्रिकाग्रन्थस्य समीक्षणम्	Sahitya	2004
2	Rajesh Kumar Dwivedi	Dr. C.B. Sharma Bharadwaj	वैयाकरणभूषणसारोक्तसर्वविधस्फोटविमर्शः	Vyakaran	2003

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AT ITS MEETINGS HELD ON 10.10.2005**

Faculty of Agriculture					
1	Amit Kumar Sinha	Prof. R.P. Singh	Weed management in wheat as Influenced by Tillage, Cultivar and Herbicides	Agronomy	2005
2	Vinod Kumar Singh	Dr. Tarkeshwar Singh	Effect of Sulfer Levels, Seed Rates and sowing Date on Growth, Yield and Quaility of Rainfed Linseed (Linum usitatissimum L)	Agronomy	2005
3	Shatrughan Prasad	Dr. Yashwant Singh	Studies on times of Nitrogen Application under Different Weed and Tillage Management in wheat (Triticum aestivum L)	Agronomy	2005
4	Daya Ram	Prof. VK Dubey	Impact of Front Line Demonstration in wheat Production on Rural Communities of Uttar Pradesh	Extension Education	2005
5	Benjamin Mathew	Dr. BP Singh	Effect of Biofertilizers in Association with Different Chemical Fertilizers Levels on Growth, Yield and Quality of African Marigold (Tagetes erecta L)	Horticulture	2005

Sl No	Name of the Candidate	Name of Supervisor	Topic of Research	Subject	Year of Award
6	Vijy Bhan Singh	Prof. S.P. Singh	Genetics of Resistance to Leaf Curl Virus and Some Yield Components in Okra (<i>Abelmoschus esculentus</i> (L) Monech)	Horticulture	2005
7	Vijay Kumar Singh	Dr. J.N. Singh	Effect of Paclobutrazol on Growth, Flowering, Fruiting and Fruit Quality of Mango (<i>Mangifera indica</i> L)	Horticulture	2005
Faculty of Arts					
1	Ajit Kumar Mishra	Dr. Sanjai Kumar	Existentialist Angst in the Fiction of Richard Wright and James Baldwin	English	2003
2	Kashi Pathak	Dr. Sanjai Kumar	The Marginal Man in the Novels of Saul Bellow	English	2005
3	Ms. Vibha Mishra	Dr. (Ms.) Indira Bishoni	Assessment of Women's Development Programmes in Chirgaon Block of Varanasi District	Home Science	2005
4	Unuwaturabubule	Prof. P. Dubey	A study on Ancient Monastic Education in Sri Lanka (From 3rd Century BC to 9th Century AD)	Pali & Buddhist Studies	2005
5	Anand Kumar Upadhyay	Prof. U.C. Dubey	इश्वर की अवधारणा: टैगोर एवं गांधी के विशेष संदर्भ में	Philosophy & Religion	2005
6	Ms. Savita Mishra	Dr. Mehata	सांख्य की 'प्रकृति' एवं अद्वैत की 'माया' एक तुलनात्मक अध्ययन	Philosophy & Religion	2005
7	Dharm Jang	Dr. M.R. Mehta	भारतीय दर्शन में परिस्थितिकी विचार; एक दर्शनिक अध्ययन	Philosophy & Religion	2005
8	Ms. Smita Telang	Prof. Mukul Raj Mehta	चार्वाक एवं पाश्चात्य सुखवाद का तुलनात्मक अध्ययन	Philosophy & Religion	2005
9	Tomy Augustine	Dr. M.K. Agrawal	Yoga Tantra: and Praxis in the Light of the Hevajra Tantra	Philosophy & Religion	2005
10	Sashishekhar	Prof. J.S.L. Tripathi	कादम्बरी के स्त्रीपात्र : एक समीक्षात्मक अध्ययन	Sanskrit	2004
11	Ms. Reshma Khatoun	Dr. Rifat Jamal	Zakhira-E-Urdu Kala Bhawan, BHU	Urdu	2005
Faculty of Ayurveda					
1	Ashok Kumar Singh	Prof. V.B. Pandey	Phytochemical Investigation of Medicinal Plants	Medicinal Chemistry	2004
2	Ravi Shankar Pandey	Dr. Y.B. Tripathi	Biochemical Study of Macrophage Function in Terms of Atherosclerosis And Inflammation with Reference to Dietary Components and Medicinal Plants	Medicinal Chemistry	2004
3	Ms. Sridurga Chinta	Prof. C.B. Jha	Comparative Study of Makshika Bhasma and Prepared with the Combination of Tarma & Loha	Rasa Shastra	2005
Faculty of Engg. & Technology					
1	Satish Chandra Sharma	Dr. G.N. Agrawal (Int.) Dr. M.M. Ali (Ext.)	Studies on Sintering in the System MgO-CaO-Al ₂ O ₃	Ceramic Engg.	2003
Faculty of Law					
	Vinod Shankar Mishra	Prof. G.P. Verma	Environmental Justice in India : An Appraisal of Role of the Supreme Court With Special Reference to Water Pollution	Law	2004
Faculty of S.V.D.V.					
1	Surendra Pandey	Dr. Shri Niwas tiwari	पराशरोक्त दशाओं की समीक्षा	Jyotish	2004
2	Pramesh Kumar Mishra	Prof. R.C. Panda	बालव्युत्पत्तिमं जर्जा: सम्पादनं समीक्षात्मकमध्ययनं च	Vyakaran	2003
Faculty of Science					
1	Arun Kumar Gupta	Prof. Awadh Ram	Effect of Nonlinear Parameters in Seismics and Analysis of Seismological Data	Geophysics	2004
2	Paresh Nath Singh Roy	Prof. Avadh Ram	Application of Fractals and Chaotic Dynamics in Seismology	Geophysics	2004
3	Gopal Krishan Ghosh	Prof. C.L. Singh	Shallow Crustal Study of Transition Zone of Narmada-Son Lineament using Gravity and Magnetic Method	Geophysics	2004
4	Promad Kumar Mishra	Prof. Yashwant Singh Dr. Sanjay Kumar (Sup.)	Statistical Theory of polymers in Restricted Gemoetries	Physics	2004
5	Navin Singh	Prof. Yaswant Singh	Statistical Theory of Unzipping of DNA	Physics	2004
6	Ms. KUsum Yadav	Prof. B.D. Singh	Analysis of Genetic Divergence in Pea (<i>Pisum sativum</i> L) using Quantitative traits and RAPD Makers	School of Biotechnology	2005
7	Shankar Shran Sharma	Prof. R.C. Yadav	A Study of some Mathematical Mopdels for Birth Intervals	Statistics	2004
Faculty of Social Sciences					
1	Pradeep Kumar Pathak	Sri Rakesh Pandey	हिन्दू धर्म एवं संस्कृति का इस्लाम पर प्रभाव	History	2002
2	Ms. Sunita Kumari	Dr. A.S. Singh	Revolt of 1857 in India	History	2003
3	Amit Kumar Singh	Dr P Upadhyay	भारत पाकिस्तान सम्बन्ध में संघर्ष निवारण के प्रयास : शिमला समझौते से आज तक	Political Science	2003
4	Ms. Priyanka Pandey	Prof (Ms) Meenakshi Arora	The Relationship between Parenting Style and Moral Reasoning Among High School and Under Graduate Students	Psychology	2005
5	Ms. Alpana Prasad	Prof. P.N. Pandey	बौद्ध भिक्षुओं का एक समाजशास्त्रीय अध्ययन (बौद्धगया, कुशीनगर, सारनाथ, राजगीर एवं नालन्दा पर आधारित)	Sociology	2004
6	Ms. Sunita Pandey	Prof. Vishnu Gopal	Working Women : Role Adusment Performance and Family	Sociology	2005
Faculty of Visual Arts					
1	Ms. Vandana Kapila	Sri Vijay Kumar	Planning and Marketing of Advertising	Applied Arts	2001
2	Chakaradhar Behera	Sri. S.P.K. Singh	The Clay Image and Painting Makers of Cuttack, Orissa	Painting	2002



TEACHING OF HISTORY : A Vision for the Twenty first century

Vidula Jayaswal*



It does not need any explanation to establish that nothing inspires a nation more than its 'History and Culture'. In the case of our country it is apparent that every Indian derives pride in his/her heritage, which is deeply rooted in its past. It is particularly true for us, as Indian sub-continent has been a cradle of the advent of civilization. Be it ideas, institutions, habitat planning, India has been in the forefront with very few contemporary civilizations standing on the same footing. The assumption, rightly so, is that the main purpose of teaching history is to inculcate 'correct' values, stimulate national unity, integration and pride. And we have to agree that it is a special burden imposed on the teachers of history, to give direction to the make up of the nation, through imparting knowledge about our past. In fast changing concepts of modern society every institution and idiom needs to be evaluated with a view not only to make it relevant to our own selves but, to the entire humanity. Globalization of various economic and social institutions, inclusive of education systems, has compelled us to face the challenges of the twenty first century in serious way.

However, as the journey of progress and development commenced about three millennium years ago, many gaps in the knowledge remain conspicuous. Only through a constant pursuit new facts can be revealed. Furthermore, the perceptions and understanding goes a sea change with the passage of time. Last fifty years have witnessed an explosion in the field of knowledge and communication both. We are living in times when myths and mysticism have to be explained scientifically and rationally. This situation is true for almost all the branches of studies. History is no

exception to this. The technological progress has provided impetus for expanding the scope of research and teaching of many disciplines to a number of micro level specializations. This is because, it has been accepted that research and teaching go hand in hand and have great impact over one and other. This is true particularly for the systems of higher education of modern times. Universities and similar other institutions of research and teaching thus become the centers for conducting fundamental researches along with imparting knowledge to the next generation. However, the pace to upgrading the teaching curriculum in historical studies, lags behind in most of our Universities, particularly in terms of its' relevance to the modern society.

The post-graduate courses in most of the Universities imparting degrees in historical studies have almost one type of curriculum through which every year thousands of students qualify. Take for instance, Ancient Indian History, Culture and Archaeology, which is only one third part of Indian history, is mastered by thousands of students every year. Even a rough statistics of persons receiving Masters and Doctoral degrees in the subject in Uttar Pradesh is alarming. For example, from Banaras Hindu University it self, every year around 55 students receive Masters degree in Ancient Indian History, Culture & Archaeology. In other neighbouring universities like, Allahabad, Purvanchal, Gorkhpur, Lucknow etc., teaching of this branch is exercised through a number of colleges, besides, the universities. Thus, in the belt of middle Ganga plain, thousands of youths qualify in one section of history every year. Not knowing what to do next and in the absence of suitable jobs, about seventy or more percent, register themselves for PhD

course. As a result rate of Ph.D. qualified in this field also keeps rising to alarming proportions. Since this stream is apparently suitable for teaching only in those Universities and colleges which have Ancient Indian History & Archaeology, at Bachelor and Master levels, their expertise become inadequate for other jobs. But, the question is how many teachers can be employed every year in this specialized branch of history at the higher education level? As a result we find persons with Ph.D. degrees roaming here and there some times even more than ten years in the research of a suitable job. Is it not a fact that the best period of academic productivity of a person is, fifteen to twenty years, just after completing his/her bachelor degree? This situation is alarming in more than one way. In my considered opinion the unplanned rush of students for higher education in India, particularly in the belt of Gangetic plain, has not only lower the standards, but also is a crunch on the financial resources available for developing research, and teaching infrastructure facilities at the institutions. The benefit of training of the qualified persons does not get back to the society. On the other hand a large section of educated youth leads aimless life full of frustration at their most productive period.

Some years ago the University Grants Commission had initiated induction of Vocational Courses to the Under Graduate syllabi. The main aim of this scheme was to train students for modest but technical jobs. Students, for instance, were given opportunity to opt for such courses as "Archaeology" and "Museology" etc., with the main subject, Ancient Indian History Culture & Archaeology, which could prepare them for jobs like monument, site and museum attendants. But, this scheme could also not make the desired impact. As

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the courses fall short of the implied training and teaching.

More over, though new technologies are being adopted fast in our education system for almost all the disciplines, yet seeing the job opportunities and the social structure, there is need to lay emphasis on self employment strategies, through education programmes. Self employment, schemes particularly in agriculture and traditional crafts (handicraft, weaving etc.) require specialized training and amplitude for such jobs. In view to give a balance between the two high standards of research and tailoring the teaching curriculum as per the need, the subject has to be given almost a new vocabulary. Teaching of historical discipline has to come out of the 'frog in the well' mindset. In order to understand its relevance a paradigm shift has to be introduced in the orientation and approach of teaching, learning, research and consequently 'testing' (examination) also. Overall it has to be a package programme.

The fresh vision for making teaching and research of history relevant to society, thus needs to be expanded in the following segments:

- . Awareness of the HERITAGE
- . Introduction of CUSTOM MADE COURSES
- . Resource generation through MARKETING of HERITAGE COURSES
- . Developing vision for SELF EMPLOYMENT

AWARENESS of HERITAGE

Today's generation will have a better perception of India's contribution to the mankind. They will acknowledge the 'inheritance' with a sense of pride only

when they are exposed to it's cultural heritage in defined areas like - History of ideas; Historical development of institutions comparable to the present days institutions of democracy; Life style contributing to the precept of 'Vasudhaiva Kutumbkam', and Inventions in traditional technologies and modern technologies.

Banaras Hindu University is one of the

oldest and leading centres of Indological studies in India, and the Faculty of Arts, the mother faculty of this great institute of learning, has nurtured it. Various departments/units such as the Department of Ancient Indian History, Culture & Archaeology, History of Arts, Philosophy & Religion etc., have grown over the years fulfilling one of the main objectives of the great visionary founder, Pandit Madan Mohan Malaviyaji. As a nationalist as well as an educationist, Malviyaji was a traditionalist with the conviction that the ancient Indian culture and heritage has not only to offer basic 'cultural values' to our own society, but to the entire mankind. As a result, Indological studies appeared in the vision of the great Mahamana as early as 1920. During the yester years, through research and teaching curriculum all the departments which cover one or the other aspects of Indology have not only developed a number of specialized branches but have also earned international recognition through a number of pioneering researches and innovative academic programmes. It is high time that these branches, which are actively involved in Indological studies, put their best to project the holistic view of the Indian Cultural Heritage, and formulate one major discipline to impart knowledge and develop designs for making various aspects of Cultural Heritage of our country more relevant and meaningful to the contemporary society.

A Centre for the Study of Culture Heritage, may be a good proposal to achieve this aim. Since the expertise is available in the Faculty and the sister faculties, which can be reoriented or organized for the purpose. Some simple steps in the direction may be rewarding. The following sections could be functional immediately.

Discovering the Heritage: Discovering the glory of our past is already in progress. The Research Projects carried out by the Faculty, - Department of Ancient Indian History, Culture & Archaeology, History of Arts, - have revealed the material wealth. The richness and maturity of ideas, thoughts and institutions is known through the researches conducted by the Departments of Philosophy & Religion, Sanskrit etc. This line is becoming richer by

day through a number of on going projects in the Faculty.

But, the high lights of the researches are scattered in various publications. Compilation of these findings and wide circulation as to reach various sections of the society, needs to be initiated.

Documentation of rituals and traditional crafts, - wooden toys, earthen pots, metal objects, etc., is another area which needs immediate attention. The folk and domestic methods used for various aspects of livelihood are imbedded in the precious customs and traditions, which are eroding fast. Several small Projects can be initiated, through students under the supervision of the faculty. The useful systems can be revived by approaching the Government and or creating public awareness.

Heritage Preservation: Heritage preservation is accepted as the task of the Government. But, there can hardly be any debate regarding the significance of public awareness and involvement. It is here that new programmes and projects can also be developed.

Adoption of Monuments: It can be started at the University level. Such old buildings, - CHC Building, for example is a Heritage building. As, it is not only one of the beautiful structures, but it is also attached to the modern education movement in India.

A group constituting students, teachers and engineers, may be given the responsibility for it's preservation. The physical removal of vegetation etc., can be done by the youth, while the architectural repairs etc., by the experts. This would be a low cost programme.

Involvement of students will protect such buildings from damages which is done by casual actions by their users, mostly the youth.

The programme will cultivate pride for the institution, and appreciation for the old buildings of the campus.

CUSTOM MADE COURSES

The need of the time is to organize such systems of imparting education at least at the post-graduate level, which are "Custom

made / Tailored courses" for small groups, oriented for specialized jobs. I know from my experience that many specialized branches of archaeology, like - epigraphy, numismatics, archaeological chemistry, archaeo-engineering etc., are dying out because young trained persons are not available. On the other hand we have trained masses who do not get jobs. This is because every one passes through a generalized course structure. While growth of Modern Archaeology is such that there is a need of a number of specialized persons in each teaching institute, as well as administrative or technical organization. For example, Archaeological Survey of India, which is one of the largest setup of not only of this country but also of the world, is run by a number of specialist teams. To day it is the biggest employer of persons with Ancient History and Archaeology background. Composed of a number of specialized sections, this organization reflects the multi-dimensional format of the discipline. For, instance the Garden Branch, which visualizes and maintains the surroundings of all main archaeological sites and heritage buildings needs expertise in Botany/Horticulture and archaeology. While for Archaeological Chemist, Conservationist and Preservationist, Epigraphist, Museum expert specialized knowledge of Chemistry, engineering, Sanskrit and other old languages etc., is the basic requirement along with Ancient History and Archaeology. Needless to mention that in the present teaching system a youth does not have an opportunity to opt for any of the branches through his graduate or post-graduate courses.

RESOURCE GENERATION & MARKETING OF COURSES

Banaras Hindu University to the best of my understanding does not have any international strategy in terms of institutional programmes. However, individual professors and teachers interact with their counter parts abroad. But, it is obvious that our university has great potentiality to offer courses and programmes for higher education to the foreign students, which will be good resource generation strategies and shall also add to the globalization of higher education. This is the direction, in which most of the

prestigious educational institutions of the modern world are heading. Indological study in particular is one of the areas, which has great marketing potentiality.

HERITAGE MANAGEMENT & SELF EMPLOYMENT

A less explored area this segment has great potentialities for both management of Heritage buildings and generation of jobs. The oldest living city of Varanasi is a perfect place to take a lead in this direction. In depth studies and practical projects need to be evolved. Since besides, Tourism which is being promoted by Government, not much is being done in this direction by other institutions. It is high time that programmes based at indigenous levels are developed and promoted. For example, old buildings of Varanasi, may be . conserved within their original format and may be converted as resource general centres on the line of the following illustrative examples.


1. Restaurant of traditional Banarasi Food. Varanasi has the distinction of having a special and traditional food. Most of it's dishes are now forgotten, or are prepared only in some old families. Old buildings could provide suitable back ground for housing such eating places. Needless to mention that a three fold benefit of this venture, - maintenance of the building, revival of the traditional Banarasi food, and - jobs for many categories, - is apparent.
2. Community centres for performances of music, dance and festivals could be another use of the Heritage buildings. Vanarasi which is famous for it's own music gharana and is full of traditional festivals, needs many such platforms.


Many more similar sections can be developed. For instance, Heritage & mass communication also is less utilized area for the project of Indian Culture Heritgate. The programmes in this could revolve around.

1. Heritage revealed through Ideas and Institutions : Growth of educational institutions in India could be one significant theme. Similarly, democratic setup of our country also has deep roots in the past. High lights of the historical growth of such ideas and institutions could be important to know and spread.
2. Monument and ancient sites upkeep &

public awareness: The efforts in this case may be directed towards recreating the past through audio-visual presentations. A project - aimed at preparing an audio-visual 3D reconstruction of a Gupta Period temple settlement, is in progress. A much awaited step, this venture is a joint collaboration of the archaeologists of BHU and technologists of IIT Kanpur. While presenting results of this project in academic meets and to the students the validity of this approach was ascertained. It was found to be quite effective means of communication about the significance of our culture heritage, to all sections of society.

Since Cultural Heritage is pride of our country, and India's immense wealth lies in it's human resource, the proposed vision for twenty-first century would certainly draw attention of both governmental and non-governmental body for support. More over, Banaras Hindu University is fully equipped to take the lead in this direction.


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