



VOL. 1 SEP. 2008



GJUS&T

NEWSLETTER

A Quarterly publication of Guru Jambheshwar University of Science & Techonology, Hisar





'A' Grade NAAC Accredited



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Message

from Vice Chancellor's Desk...



Established on October 20, 1995, the Guru Jambheshwar University of Science and Technology, Hisar, has emerged as a leader in new frontier of technology, environmental studies, non-conventional energy sources, media studies, pharmaceutical sciences and management studies. To facilitate and promote studies and research in emerging areas of higher education, the university has become a premier institution to inspire, motivate and nurture professional excellence. The academic programmes are not only bench-marked against international norms and standards, but are also revised and rationalised from time to time according to the need of the market and industry. Students are provided special and individualised attention for enhancing their ability to acquire and apply knowledge and to bridge the gap between theory and practice.

The vibrant, dynamic and skilled faculty possesses a missionary zeal for teaching, learning and shaping careers of students. The infrastructure in the campus has been developed to meet the requirements of the students and the teaching community and provides a healthy environment. The university is committed to meaningfully contribute to the larger interest of society with a clear focus on the present day needs of the market, industry and aspirations of individuals. The both teachings and non-teaching staff members who work with a rare sense of commitment, have contributed in building up this temple of learning. With their untiring and concerted efforts, the university has emerged as a centre of excellence.

We sincerely make the learning process interesting, appealing, dynamic, inspiring, participative, stimulative and multi-dimensional. The kind of education and knowledge, the necessary technical know-how and the soft skills training we provide to our students enable them for high employability by securing jobs in top-notch companies. There was a long standing need to periodically record the activities of this 'A' grade University. This has now been filled with the introduction of a newsletter.

The first issue of GJUS&T Newsletter is in your hand. It covers the various developmental activities and aspects of our university like projects, seminars, workshops, extension lectures, poster exhibition, blood donation camps etc. organised by different departments, faculties, branches and so on. I congratulate the team associated with this news letter and am sure they will constantly strive to improve the standard of this letter.

News Plus

Dr. Sandhu takes over as VC



Lieutenant General Dr. Devinder Dayal Singh Sandhu, PVSM (retd.) former Director General Ordnance Services, took charge as 10th Vice-Chancellor of Guru Jambheshwar University of Science & Technology, Hisar on June 9, 2008. Dr. Sandhu, a seasoned administrator, an erudite teacher, an eminent logician and management visionary, with over 40 years of experience in managing and supporting operations, has been awarded PVSM, the highest award for distinguished services. He has also received award of 'Honoris Causia' by Hon'ble President of India, Dr. APJ Abdul Kalam on 12th Oct., 2006. He is the first army officer and the only serving defence officer to have been awarded D.Litt. Dr. Sandhu also held the appointment as honorary ADC to the President.

As far as his academic profile is concerned, he has been awarded D.Litt.(Honoris Causia) by Rani Durgavati Vishwavidyalaya, Jabalpur. He did his Ph.D. in Defence and Management from Punjabi University, Patiala. He has also done MBA (Materials), MDMA, M. Phil.(Defence & Mgt.), M.Sc. in Defence Studies and MMM in Materials.

Lt. General Dr. Sandhu is a Fellow of the British Institute of Management, honorary fellow as well as a member of Board of studies of Indian Institute of Material Management, and also a patron of Asian Council of Logistics Management.

Before joining GJUS&T, he was holding various positions of repute like Principal, College of Materials Management, Jabalpur. Appointed as a Director General Ordnance Services, wherein he headed one of the largest inventory handling organizations in the world, Dr. Sandhu handled armoured ammunition & vehicles including tanks, guns and missiles worth above Rs. 50,000 crore and also a budget of more than 7000 crore per year for procurement, trade, import and DGO. Dr. Sandhu controlled 114 major & minor Ordnance Units and

Personnel totalling to more than 2200 officers, 28000 combatants, and 54000 civilians.

Besides intra-national experience, he does have a good international exposure as well. He was posted to the Army Headquarters, Nighian Army Lagos from 1976 to 1979 as the Quality Controller, and he has also travelled extensively in USA, Europe and African countries.

We will be leader in advanced research : Dr. Sandhu

Lt. General Dr. Devinder Dayal Singh Sandhu, PVSM, (retd.), former Director General, Ordnance Services who took over charge as Vice-Chancellor of GJUS&T on June 9. On this occasion, talking to mediapersons he stated that he wants the benefits of higher education to reach rural areas of the state. It would bridge the gap



between the higher education and rural students. "I assure the university staff that with their cooperation we will scale new heights." "Our aim is to become the leader in the field of high technology and advanced research as far as universities are concerned. It would be possible with the dedication and discipline of everyone who is related to the campus, he mentioned. In reply to a question, Dr. Sandhu said, 'My focus now is on academic progress only. As a Director General in Army I had to interact with thousands of people that's why I am quite sure that I will not face any problem in technical academia,' added Dr. Sandhu.

He expressed his concern over degrading quality of research. The Vice-Chancellor emphasised that his primary objective is to focus on qualitative researches which would be carried out by the university teachers and scholars. On this occasion University Registrar Prof. R.S. Jaglan, Prof. J.K. Sharma, Prof. S.C. Kundu, Prof. B.S. Khatkar, Prof. Kuldeep Bansal, Prof. Rajesh Malhotra, Prof. Manoj Dayal, Rajesh Poonia, R.K. Arora, heads of departments, branch officers were also present.

News Plus

Visit of National Board of Accreditation (NBA) team

An eleven member National Board of Accreditation team led by Prof P.N. Singh visited from 12th to 14th September in the University for accreditation of six courses namely, M.Tech.(CSE), MCA, B.Tech.(CSE), B.Tech.(IT), B.Tech(ECE), B.Tech(Printing



Technology) of the University. The team was welcomed by the Vice-Chancellor Dr. DDS Sandhu, Prof R.S. Jaglan, Registrar, Deans and Chairpersons of various deptt. Prof. J.K. Sharma, Dean Academic Affairs and Nodal Officer for the team in the University, made a presentation about the facilities and future plan of the University before the visiting team. On the very first day a cultural event was also organised in the honour of the NBA Team.

During the three days visit, the NBA team interacted with the faculty members, visited different departments and took the review of facilities like laboratories, computer centre etc.

Shrimati Amrita Devi Bishnoi Vriksh Raksha Diwas celebrated

GJUS&T has celebrated "Shrimati Amrita Devi Bishnoi Vriksh Raksha Diwas" on the occasion of 278th anniversary of Khejarli Martyrdom, which has happened in year 1730 in Village Khejarli near Jodhpur. On this historical day the followers of Guru Jambheshwar Ji led by a woman "Shrimati Amrita Devi" hugged the trees to protect them and she spoke that if a tree is saved from felling at the cost of one's head, it should be considered as a cheap bargain, saying these words she offered her head. Killing



of Guru Jambheshwarji followers continued until 363 persons were killed defending the trees. When King Abhay Singh of Jodhpur heard about this human sacrifice, he stopped this and apologized for the mistake committed by his officials to bring the Khejri tree wood which is required for lime stone heating for constructing "Phool Mahal" and gave the followers state protection for their belief. The Govt. of India has instituted "Amrita Devi Bishnoi" Wild Life Protection Award in 2001. The Govt. of Rajasthan has instituted an award "Amrita Devi Samriti Puraskar".

Lt.Gen. D.D.S. Sandhu, PVSM, Vice Chancellor said that Khejarli Martyrdom is a great sacrifice for trees protection and there is not any such type of parallel incident in the World.

Prof. Narsi R. Bishnoi Dean & Chairperson of Department of Environmental Science & Engineering said that even today, the followers of Guru Jambheshwar Ji continue to protect trees and animals with the same fervour and their sacrifices became the inspiration of the Chipko Movement of 1973.

On this occasion as a mark of homage to this great martyrdom, 363 Khejri, Neem, Jamun, Shisam and other trees were planted by the teachers, staff members & students of the university.

Blood Testing & Registration Camp organised

A Blood Testing and Registration Camp was organised by the National Service Scheme and Health Centre of the University on September 9. In the Camp more than 100 students were registered and had their blood groups tested, informed the Organiser. During the opening ceremony the Vice-Chancellor Dr. DDS Sandhu said that the blood donation is the biggest form of charity and everyone should take part in such a noble cause.

News Plus

Cash crops drink a lot of water : Raja



Sixteenth National Symposium on Environment with focal theme 'Ground Water Resources : Conservation and Management' was organised by the Department of Environmental Science & Engineering with the collaboration of Health Safety and Environment Group of Bhabha Atomic Research Centre, Mumbai from 16 to 18th July in the university Seminar Hall. In the inaugural session Mr. V.P. Raja, Principal Advisor, Department of Atomic Energy, Mumbai was the Chief Guest and Lt. Gen Dr. DDS Sandhu, PVSM(retd.) presided over the function. About 125 scientists from various parts of the country participated and 40 scientific papers were presented in the National Symposium. A group of 50 scientists from Health Safety and Environment Group of BARC also took part in the Symposium. A book on the focal theme was also released jointly by Mr. V.P. Raja and Lt. Gen. Dr. DDS Sandhu. On this occasion Mr. Raja called for the protection, improvement and use of water to ensure highest economic and social benefits. 'The cash crops drink a lot of water and the main reason for depleting ground water level in the country, added Mr. Raja.

In his address Dr. Sandhu mentioned that the population explosion and overall growth of industrial activities are imposing tremendous strains on our ground water resources. Prof Narsi Ram Bishnoi, Dean of the Deptt., Ms. Gabrielle Viogt of the International Atomic Energy Agency, Vienna, Dr. D.K. Goyal, Nuclear Power Corporation of India, Mr. H.S. Kushwaha, Director, Health Safety and Environment Group of BARC, Prof Anubha Kaushik and Convenor Dr. V.K. Garg also addressed the inaugural session.

In the valedictory held on 18th July, Dr DDS Sandhu was the Chief Guest and Dr. S.D. Attri, Director, IMD, New Delhi was guest of honour on the occasion. Dr. Attri who was part of the team of the IPCC had also jointly received Nobel Prize in 2007 with former United States Vice-President Mr. Al Gore at Oslo. Dr. Suchismita Mishra, Dr. Alka Sharma, Mr. Vikram, Mr. B. Dubey, Mr. Manjit Bansal, Lenin Raj and Mr. Rajesh Panchan were given awards for their best posters in the Symposium by the Vice-Chancellor.

Sixteenth National Symposium on environment with focal theme 'Ground Water Resources : Conservation and Management'

UGC team visits GJUS&T

For assessing the requirements of the University during XIth plan, a ten member team of University Grants Commission led by Prof R.P. Singh, former Vice-Chancellor, Lucknow University has visited the various departments of the University from 25 to 27th July. Before taking a review of the departments the team was welcomed by the Vice-Chancellor Lt. Gen (retd.) Dr. D.D.S. Sandhu, Prof R.S. Jaglan, Registrar, Deans and Chairpersons of various deptt. including senior officials of the University. Prof H.L. Verma, Nodal Officer made a presentation about the facilities and future plan of the University before the visiting team.

The team also visited different departments and interacted with the faculty members and took a review of

News Plus



available facilities like laboratories, computer center, playgrounds, hostels, central instrumentation lab, dispensary etc. Prof. V. Ramachandra Murthy, Andhra University, Vishakhapatnam, Prof. Veerabala Aggarwal, Himachal Pradesh University, Prof. P. Murli Krishna, Dravidian University, Kuppam, Dr. Dharmendra Kumar, Pt. Deendayal Upadhyay Institute for the Physically Handicapped, New Delhi, Sh. D.K. Gupta, Technical Education Department, Haryana and Dr. Surender Singh, Deputy Secretary, UGC were part of the visiting team.

Executive Council Meeting held

The 49th Executive Council meeting was held under the chairmanship of Vice-Chancellor Lt. Gen. Dr. DDS Sandhu, PVSM (retd.) in the committee room. The services of Chief Warden Prof. S.C. Kundu, Legal Advisor D.S. Kajal, Technical Advisor C.B. Sharma and Dr. O.P. Jhamb has been extended for one year. The distance course of M.Sc. Mathematics was also approved in the meeting. The major decision of EC was to send a proposal to the state government for converting the university into teaching-cum-affiliating.

Being a part of the meeting Prof. R.S. Jaglan, Registrar told that some posts were generated including one each for Deputy Estate officer, Security Officer, Landscape officer, two assistant security officers, three senior assistant librarians and five library assistants have also been approved.

He stated that the amendment, in the Ph.D. ordinance and increased seats in various departments were also sanctioned.

The Principal Secretary and Financial Commissioner of Education Department Mrs. Jyoti Arora, Prof. Dr. S. Ahmad, Vice-Chancellor of Hamdard University, Prof. R.C. Kuhar, Delhi University, Dr. Mohsin U Khan, National Institute of Science & Technology, New Delhi,

Prof. Javed Husain, Engineering College, AMU, Aligarh and Prof. Kuldeep Singh, Prof. Manoj Dayal, Prof. D.N. Mishra, Prof. Harbhjan Bansal, Prof. S.C. Kundu of the university were also present in the EC meeting.

Advt. Mgt. & PR Deptt. held Poster Exhibition

Advt. Mgt & PR held Poster Exhibition The Department of Advertising Management & Public Relations organised a poster exhibition on social issues. Lt. Gen. (Retd.) Dr. DDS Sandhu inaugurated the function. Over 80 posters were prepared by the students of the department. The maximum

posters focused on social problems like female foeticide, AIDS awareness, rising Prices, child labour, global warming, child marriage, dowry etc.. Posters on female foeticide were so lucid that they gave a vivid picture of the ideas of the creator.

A myriad of creative art work prepared by the students were also displayed. Model of Teaching Block 4 made by Madhu & Seema was a special attraction. A poster made by Vinika and Ankita of M.Sc. Final got 1st prize, Sunil Bishnoi and Shivani of M.Sc. Previous were declared 2nd & 3rd respectively. This effort of students was appreciated by all visitors



National Science Day celebrated

The faculty of Science & Technology Interface celebrated National Science Day. On the day many programmes were organized including Essay Writing Competition, Poster Competition, Kalpana Chawla Memorial Science Quiz, Paper Reading contest.

The main theme of various competitions was the 'Planet Earth' to propagate the message regarding Ozone layer depletion, Deforestation, Green House Effect, Save Earth, Water Harvesting, Global Warming, Nuclear Energy etc.

In the closing ceremony the prizes were given away to all the winners of various events by the chief guest. On the occasion Prof. R.S. Jaglan, Registrar, Prof. B.L. Jalali, ex-director (Research) Haryana Agricultural University, Prof. Kuldip Bansal, Dean, FSTI, Prof. J.S. Rana, chairpersons & faculty members and students were also present.

News Plus

Media being ruled by economics : Prof. Tewari

An extension lecture was organised in the Faculty of Media Studies, on the topic 'Changing Scenario of Media'. Addressing the students & faculty the key note speaker Prof. Santosh Tewari, Dean of Mass Communication in the M.S. University of Baroda spoke



over the burning issue of 'Media Being Ruled by Economics' and how a journalist needs to play his role in such a rapidly changing scenario. He further mentioned that for budding journalists it is required to understand what is going on in media and how can they survive in such odd situations.

The distinguished speaker, Prof. Sanjay Wadwalkar who hails from Panjab University maintained that "the era of communication is changing very fast so you have to adjust yourselves according to the prevailing media needs."

He also stressed on following the idealism in younger age so that a healthy society could be created. Due to media interference degradation is taking place in the society, he claimed.

The former Director of News in Doordarshan also shared his insights over media scenario and gave valuable suggestions and guidance. Prof. Manoj Dayal, Dean, Faculty of Media Studies said that in media now a days we have electronic composing, reporting, type-setting, designing and editing.

Prof. Dayal further added that now there is magazinization of newspapers. Today they are concentrating more on juicy scandals, spy reporting and elegant photographs for their survival.

The chairperson of Advertising & Public Relation Dr Bandana Pandey, Senior lecturer Dr. P.K. Jena, Dr. Umesh Arya, Keerty, Ritasha, Anuradha, Shephali, Sunaina, Manbir were also present in the lecture.

Haryana School of Business organises interviews

Group discussions and interviews for admissions to MBA programme were held in Haryana School of Business in the month of July-2008. After interviewing hundreds of candidates, 175 were selected for admission in the school. As far as criterion is concerned the Fifty percent weightage of CAT score, thirty percent weightage of academic score, ten percent weightage each in group discussion and personal interview was taken into consideration for admission.

Prof. S.C. Kundu, Director and Dean of Haryana School of Business said experts from IIMs, IBS Hyderabad, MDI Gurgaon, Punjab University, Chandigarh, Jammu University, Jammu, Delhi University, Delhi, GNDU Amritsar,



Osmania University, Hyderabad, MDU Rohtak, KU Kurukshetra, India Bulls Securities Ltd., IDBI Bank, ITC Ltd. Maruti Udyog Ltd., Jindal Industries, ICICI Bank Ltd. were invited to hold group discussions and interviews of admission seekers at HSB, Hisar.

World Ozone Day celebrated

The Department of Environmental Science & Engineering, organised an awareness programme on International Ozone Day for preservation of Ozone Layer on September 16. Prof. Narsi Ram Bishnoi, Dean and Chairman of deptt. welcome chief guest Prof. Bhupinder Singh Khatkar, Dean Student welfare and guest of honours Mr. N.K. Tayal, Regional officer, Haryana State Pollution Control, Hisar and all other present on this occasion. This awareness programme was sponsored by TEQIP (Technical Education & Quality Improvement Programme) (World Bank) and Haryana State Pollution Control Board, Hisar.

News in brief

Foundation of New Residential complexes

Lt. Gen Dr. D.D.S. Sandhu, PVSM (retd.) laid the foundation stone for 148 residential complexes of various categories for university staff. After inauguration Dr. Sandhu stated that the university will be in a position to provide 10 E-Types, 30 D-Types, 18 C-Types, 60 Teacher's flats & 30 A-Types flats in the coming 10 to 15 months.

University Registrar, Prof. R.S. Jaglan, mentioned that E-Type residence will cover the area of 2150 sq. feet having single floor while others will have three floors. D-Type flats will be in 1290 sq. yards, C-Types in 950 sq. yards, teachers flats will be in 910 sq. yards & A Types will be in 550 sq. yards.



Training and placement cell established

Training and Placement Cell for Engineering students of the University was inaugurated by Lt. Gen(retd.) Dr. DDS Sandhu on 21th July. The training cell headed by Dr. Yogesh Chhaba, has been set up in Teaching Block-7 and Mr. Parkash Arora will be the Assistant Registrar of TP Cell.



National Sports Day celebrated

On the occasion of National Sports Day a friendly match of volleyball was played between the students and non-teaching employees. The Registrar Prof. R.S. Jaglan inaugurated the match. In an interesting competition the team of non-teaching employees won the match with 2-0. Dr. Neeraj Dilbagi, Sports Director, Assistant Director Shashi Luthra, Prof. Manoj Dayal, Prof. B.S. Khatkar, Prof. Kuldeep Bansal, Dr. S.C. Gera, Mr. Ashok Ahlawat, Head of Deptts, officers and students were also present in the event.



Newly constructed Examination Block inaugurated

The Vice-Chancellor Lt. Gen. Dr. DDS Sandhu, PVSM(retd.) inaugurated the newly constructed examination block in the administrative building. The block has an area of 8500 sq meters and has been built with a cost of Rs. 96 lakh. This particular block will consist various rooms for Controller of Examination, Secrecy Branch, Result Branch, Conduct Branch, Deputy Registrar, Additional Registrar and Electronic Processing Data Cell. On the occasion Registrar Prof. R.S. Jaglan, Prof. Kuldeep Bansal, Mr. Y.P. Goswami, Mr. R.K. Arora, Mr. B.S. Kundu, Mr. B.S. Verma, Mr. Parkash Arora, Mr. Nafe Singh, Mr. Harnam Singh, Superintending Engineer Mr. N.L. Kapoor, Executive Engineer Mr. Ashok Ahlawat, Head of Departments, teachers, officers & employees of Non-Teaching Staff were also present.

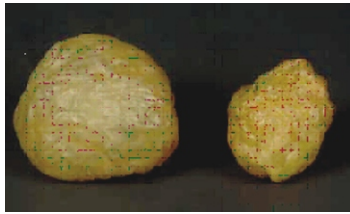


R & D Projects

Deptt. of Food Technology

Develops Wheat Gluten Powder :

A research team of Prof. B.S. Khatkar, Department of Food Technology, conducted a study on a sample testing protocol



for assessing quality of fresh wheat gluten and vital gluten powder is developed. The test is extremely simple, reliable and fast. It does not require sophisticated equipments. The test has potential to predict the end-use quality of industrial gluten and commercial wheat.

According to the test protocol, the left gluten sample picked up water rapidly and performed well and hence rated as good quality gluten, while the right one represents gluten that picked up water, agglomerated slowly and performed poorly in direct baking test.

Colour improvement of

Tofu : Tofu (soya paneer) is the most popular product of soya beans. It is nutritious, economical and has many health benefits.

However, its consumer acceptability is poor due to its beany flavour and dark colour as compared to milk paneer. But Deptt. of Food Technology has been successful in improving the colour of Tofu by treating it with food grade bleaching agents. The colour of treated tofu was found very similar to the colour of milk paneer.



Prevention of Browning of Sesame Seeds during Roasting :

Sesame seeds are exported in bulk to economically developed countries for topping of bakery foods. Browning of sesame seeds at high baking temperature is a serious problem that substantially affects the consumer acceptability. This problem is solved by the department using lye and organic acid treatments of sesame seeds.

Department of Bio & Nanotechnology

Projects Completed

- * A UGC sponsored project entitled 'Genetic Transformation of Local varieties of Indica Rice in Haryana for Introduction of salinity

Tolerance' was done by Prof. Ashok Chaudhary. For the project UGC has provided 6.8 lakh in terms of assistance. Prof. Chaudhary also completed one more project sponsored by Department of Bio-Technology on 'Genetic Modification of Lignin Biosynthetic Pathway for Low Lignin Content in Poplars' and Rs. 29.8 lakh has been awarded to complete the project.

- * Dr. Neeraj Dilbagi also worked over a project sponsored by UGC entitled 'Genetic Diversity Among Strains of Xanthomonas Axonopodis Isolated from North India'. The UGC has provided Rs. 7.39 Lakh for completion the project.
- * An Important project over 'DNA Finger Printing Isabgol Germplasm' was done by Dr. Priyanka Siwach. The project was sponsored by UGC and it costs of Rs. 6.6 lakh.

Projects Under Progress

Title	Funding Agency	Amount
HRD Programme in M. Tech. Nano Sc. & Technology	DST New Delhi	3.17 Crore for five years
HRD Programme in M. Sc. (Biotechnology)	DBT New Delhi	25Lakh/year
Bioinformatics infrastructure Facility	DBT New Delhi	20 Lakh/Year
FIST Programme	DST New Delhi	40 Lakhs

Deptt. of Physics equips labs with PCs and Laptops

The Department received additional grant of Rs. 20 lakhs from UGC under SAP assistance for the development of infrastructure. All the faculty members has been provided laptops and all the labs have been provided proper computer and workstation tables. Department also ensured during this financial year availability of PCs and Network connection to all the Laboratories and Faculty rooms as well as facilities of Multimedia projectors. Recently research level Geiger Muller Counter and Scintillation detector were added to strengthen the laboratories. The department also established the Optical Workshop, Fiber Optics and Interferometry Laboratory and a Machine Vision Laboratory.

In Focus

Haryana School of Business : high on the run

How mighty a tree may be, it grows from a small sapling only. The seeds of all big achievements are sown in form of small dreams, which when accompanied by passion and faith in the ability, are no more dreams- they turn into reality. The seeds of HSB were sown quite sometime back when erstwhile Management Department believed in its ability to dream big. Now seeds have started growing and the dream is on the run. The Haryana School of Business turned into a reality with Government of Haryana approving of its status by passing a resolution to that effect in the assembly on March 28, 2008, as an autonomous Institution within overall ambit of university act, the first of its own kind experiment in the country.

Vision & Mission

Enthused by the approval the students, teachers and the staff have started putting their heads together to take this beginning to newer heights and to look towards even bigger dreams. Being among the best is one on the priority list. For this the School is working on the following

- On the front of quality output (management graduates) the school has already made a beginning by turning to CAT for its admissions.
- New innovative courses and academic programs are being designed.
- For building confidence, inculcating communication skills, it has designed various curricular and co-curricular activities, Inter-house competitions and workshops on communication, social & economic affairs, Budgets, Monetary and EXIM policy (along with detailed students competition on the same), annual state level Ad competition, 'INNOWAVE' have already been scheduled and
- Apart from these a National level competition is being planned.

Activity

The beginning has already been made in form of 'Induction program' for the freshers, in which the new MBA entrants are introduced to the culture and history of the School in very interactive and innovative ways. They are motivated to carry on the traditions their seniors have set over the years. Apart from this, marketing students



undergo several elaborative and interactive sessions, on practical experience in marketing, with the invited alumni working at senior positions in marketing. The Haryana school of Business is committed to make a difference in the life of its students, thereby making its contribution to the betterment of the society. The School is committed to beat the best in management education.

Department of Physiotherapy

Coming up with clinical knowlege

The Department of Physiotherapy of this University is the only University Teaching Department in Haryana, presently, conducting a four and half year Bachelor of Physiotherapy course. The Department of Physiotherapy was established in Aug 2002 with an intake of 40 students. It was started with the motive to impart quality professional education in the field of Physiotherapy and cater to the needs of the society.

The Department is committed to provide quality professional education research and development in the field of Physiotherapy and also to provide well disciplined, quality professionals with sound ethics and clinical knowledge of Physiotherapy. The Department of Physiotherapy is recognized by Indian Association of Physiotherapy (IAP) vide letter no. 686/IAP/06-08 dated 13.02.07. Three batches have passed and most of the students have been successfully placed.

Within the Physiotherapy profession, there are increasing expectations in relation to specialization and lifelong learning. This has led to increasing prominence of Masters level study as a route for professional development. Keeping in view these latest professional developments, the Department has taken a step forward in its endeavour to make it a Centre of Excellence in the field of Physiotherapy by starting P.G. Course. The Department has started Masters of Physiotherapy with

In Focus



two specialties (Musculoskeletal Disorders and Sports Physiotherapy) and is going to start PhD programmes from the next academic session.

OPD Services

The Department is providing OPD Services since February 2003, which is now catering to about 300 patients per month. This figure is increasing day by day. The OPD is conducted under the able guidance and supervision of qualified physiotherapists who are providing consultation and evidence based treatment. The Department has developed a niche in community service by providing Physiotherapy and rehabilitation facilities. This OPD facility is a boon for the students who get a chance to learn practical/clinical aspect under the supervision of highly trained and skilled faculty/professionals.

Educational Tours

The Department conducts workshops and seminars of latest trends and professional development. The Department has conducted seminars on topics like "Latest Trends in Physiotherapy, Cardiopulmonary Rehabilitation," "Spinal Cord Injury Rehabilitation" etc.

In the last academic session (February, 2008) the Department conducted educational trips in which students, under the supervision and guidance of staff, visited the renowned hospitals like Indian Spinal Cord Injury Centre (ISIC), New Delhi, Batra Hospital, New Delhi, PGI Chandigarh, Max Hospital, Mohali etc. These educational trips are intended to keep students abreast with latest developments in profession. The Department is striving to schedule these seminars and trips with increased frequency to enhance students skills.

NSS

Along with professional skills, strong emphasis is given to imbibe professional ethics, community services and social responsibilities among students. Recently Dr. Jaspreet,

PT, a faculty member and two students of BPTH IIIrd year (Ms. Surmya Arya and Mr. Kuldeep) from this Department, went for seminar on HIV AIDS organized by NSS at Maharashi Dayanand University, Rohtak, in August 2008.

Department of Applied Physics working to attract young talents

In this Modern time when the students are gyrating towards professional courses for easy job options, the Department of Applied Physics is working to attract young minds towards Physics for research as well as career oriented programs. The Department offers a dynamic mixture of Pure and Applied Physics. Established in 1996, started with the aim for Master's programme in Laser Technology, the faculty immediately realized that



the basic components of Physics are missing for the growth of laser technology and therefore, changed its structure with the thrust areas on Materials science and Laser Physics. In 2006, the department started a novel programme of M.Tech. in Optical Engineering. Both the courses offer opportunities to students to branch out into various specializations. The courses are innovatively structured with the basic knowledge in Physics and offering a big basket of options of specializations.

Deptt. got grant for Rs. 498.75 Lakh

During the year 2007 the Department has got a highly prestigious project amounting to Rs. 498.75 Lakh for the development of beam combiners for head up display; high damage threshold lasers coatings, development of noble materials for optical limiters and chalcogenide glasses through Instrument Research and Development Establishment (IRDE) Dehradun.

Snap Shots



1



2



3



4



5



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1. Chief Minister Sh. Bhupender Singh Hooda addressing the gathering at GJUS&T Campus.
2. Representatives of different social and religious organizations honouring the Vice-Chancellor.
3. The Vice-Chancellor lighting a candle under the picture of Shahid Bhagat Singh on the eve of Independence Day.
4. Bhangra being performed by the students in honour of NBA team.
5. Students performing the group dance in an audition test taken by a team of ITFT Chandigarh.
6. On the occasion of Amawasaya a 'Havan' was performed by the religious centre of GJUS&T.

List of Ph.D Awardees

Haryana School of Business

Name of Research Scholar	Title of the thesis
Sh. Ashok Kumar	Measuring Shareholders' Value : A Study of Select Indian Companies
Ms. Renu Pilonia	Marketing of Health Insurance Policies in India
Sh. Subhash Chander Batra	Contemporary Public Warehousing in India With Special Reference to the Changing Global Economic Scenario
Sh. Satbir Singh	Impact of Globalisation on Business Strategies of Indian Public Sector Banks
Ms. Anju	A Study Of 360-Degree Appraisal and Feedback System in Indian Corporate Sector
Ms. Praveen Dahiya	Faculty of Science and Technology Interface Bio and Nano-Technology Studies of Microbial Lipases Isolation and Screening of Cultures, Enzyme Production, Purification And Characterisation
Ms. Monika Bansal	Genetic Transformation of Tomato (<i>Lycopersicon Esculentum</i>) For Introduction of Salinity Tolerance
Ms. Priyanka Gaurva	Genetic Transformation of Local Variety of Rice in Haryana For Enhancing Its Salinity Tolerance
Ms. Richa Verma	Risk Management Practices Among Banks In India : An Empirical Study
Ms. Komal Smriti	Relationship Marketing In Service Organisations
Ms. Monica Bansal	An Empirical Study Of Consumer Credit Schemes Of Different Banks
Ms. Deepti	Performance Of General Insurance In India : Diagnosis And Prognosis
Priyanka Sharma	Impact Of HRM Practices On Employee Retention In Indian IT Industry

Faculty of Media Studies (Deptt. of Communication Management & Technology)

Ms. Anubhuti Yadav	Comparative Study on Election Predictions (Opinion Polls) And Their Relative Accuracy About Voting Patterns in 11th, 12th & 13th Lok Sabha Elections
Sh. Ashutosh Mishra	Sports Journalism-Content Analysis of Daily News papers and Feedback of Sports Persons
Sh. Sahib Ram Godara	Public Relations In Govt. Sector - A Comparative Study of Public Relations Departments of Haryana And Andhra Pradesh

Faculty of Non-Conventional Sources of Energy and Environmental Science

Sh. Bhupinder Singh	Fluoride in Drinking Water : Its Effects, Toxicity And Removal
Sh. Rajesh Kumar	Impact Assessment of Urbanisation And Tourism in Bhimtal Lake Area
Ms. Pritam Sangwan	Potential OF Vermicomposting In Management Of Biosolids OF Sugar Industry

Faculty of Science and Technology Interface (Department of Food Technology)

Sh. Krishan Kumar	Development And Nutritional Evaluation Of Mushroom Based Foods
Sh. Baljeet Singh Yadav	A Study On The Effects Of Different Processing Treatments And Storage Conditions On The Resistant Starch Content Of Foods
Ms. Bhawana Sharma	Studies On The Use Of Edible Coatings To Extend The Shelf Life Of Fresh Fruits And Vegetables
Ms. Ritika	Isolation And Characterization Of Rice Starch And Proteins

Faculty of Science and Technology Interface (Department of Applied Physics)

Sh. Manjeet Singh	Third-Order Nonlinear Optical Effect In Direct Gap Semiconductors
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List of Ph.D Awardees

Sh. Raj Kumar

Investigative Studies Of Phase Objects In Laser Schlieren Diffraction Interferometry And Development Of Machine Readable Features In Security Holograms

Faculty of Pharmaceutical Science (Department of Pharmaceutical Science)

Ms. Neeru Vasudeva

Phytochemical And Pharmacological Evaluation Of Some Traditional Antifertility Plants

Sh. Munish Ahuja

Design And Evaluation Of Ophthalmic Dosage Forms Of NSAIDs

Sh. Sunil Sharma

Evaluation Of Oculohypotensive Action And

Corneal Permeation Of Some Newer Drugs

Sh. Nirmal Singh

Studies On Development Of A Laboratory

Model Akin To Human Memory And Its Utility

In Investigating Acquisition, Consolidation & Retrieval Processes

Faculty of Science and Technology Interface (Department of Chemistry)

Sh. Sunil Kumar

Synthesis, Characterisation And Applications Of Polymer Supported Reagents

Faculty of Medical Sciences (Deptt. of Applied Psychology)

Sh. Joginder Singh Kairo

Effects Of Cognitive Therapy And Jacobsons's Progressive Relaxation In Treatment Of Alcoholism

New Appointments...



Prof. Narsi Ram has been appointed chairperson of Department of Environmental Science and Engineering. Prof. Narsi Ram will chair the deptt. for next three years. Earlier Prof. Anubha Kaushik was the chairperson.



Dr. Bandana Pandey has been appointed new chairperson of Department of Advertising Management and Public Relations. Earlier she was the incharge of this department and Prof. Manoj Dayal was the Chairman.



Dr. Neeraj Dilbagi, Reader in the Department of Bio and Nano Technology has been appointed Director of Sports. The term of Dr. Dilbagi as a Director will be of three years. Prior to Dr. Dilbagi, Dr. Manoj Duhan was the Director of Sports.



Dr. Milind Parle has been appointed new chairperson of Department of Pharmacy for three years. Dr. Parle, a seasoned personality & academician will chair the department.

Forthcoming Events...

National Seminar -A National Seminar on 'Food Safety and Quality' will be organised from 16 to 17 October 2008, by the Department of Food Technology of the University. Prof. B.S. Khatkar, the convener of Seminar told that the date of submission of papers is September 15 and the date of submission of Registration Forms is September 30. The Seminar will focus on (a) Food Safety : National and Global Issues (b) Contaminants and Toxins in Food (c) Safety and Quality Aspects of different categories of food (d) Safety Evaluation of Genetically Modified Foods (e) HACCP, Food Safety & Quality (f) Traceability in Food Chain (g) Total Quality Management in Food Industry (h) Food Quality and Safety Standards, added Prof. Khatkar.

Football Tournament -The Sports Department of University will organise a Football tournament (M) from 7th to 11th Oct. 2008. The Assistant Director S.B. Luthra told that a Chess Competition (M&W) will also be held on 15th to 17th Oct. 08. In addition to this the Badminton (M&W) competition's proposed date is 23rd to 25th Oct. while Power Lifting tournament will be on 10th to 12th Nov. and Cricket championship will be held on 17th to 21st Nov., 08. Sh. Luthra further mentioned that all the Inter-House Tournaments will take place in the university playground.

15th Asian Master's Athletic Championship - Sh. Shashi Bhushan Luthra, Assistant Director (Sports) has been selected as a member of Indian Master's Athletic team in the age group of 35 for 15th Asian Master's Athletic championship to be held in Thailand from 1st to 15th Dec, 2008. He will participate in 400 mt. Race & 4x400mt. Relay Race.

About Guru Jambheshwar Maharaj ji



Guru Jambheshwar Ji was a great environmentalist of 15th century. Amongst all the saints of the 15th Century, Guru Jambheshwar Ji was unique in preaching about the conservation of the biodiversity to his followers made it a creed for them by including the same in his 29 commandments. Thus Guru Jambheshwar Ji was not only a religious guru but a great ecologist and environmentalist, many centuries ahead of the scientists.

He was born in 1451 A.D. (Samvat 1508) corresponding to 8th day of dark half of the lunar month Bhadrapad on Janamashtami, in a village Pipasar situated in the revenue jurisdiction of Nagaur, district of Rajasthan, India. Guru Jambheshwar Ji Maharaj popularly known as Jambho Ji. His father, Lohat Ji, belonged to a prosperous Rajput family of a pawar class. His mother belonged to the Bhati class of the Rajputs and hailed from village Chhaapar presently a township in Churu district of Rajasthan.

After the death of his parents, he adopted the life of an ascetic teacher and left his home in 1484 AD and started living on the Samrathal Dhora, sand hill of Mukam village situated in Nokha tehsil of Bikaner district of Rajasthan. He enshrined in his followers compassion towards nature and protection of life as the supreme religious goal. He wanted to be alone, totally by himself and commune with the God almighty, talk to him, pray to him and seek his guidance.

He founded the Bishnoi sect in 1485 AD corresponding to the eighth day of the black fortnight of the month of Kartika of the year 1542 of the Vikrami Era at Samrathal Dhora and prescribed 29 commandments dealing with various aspects of life. He spent the remaining 51 years of his life in spreading his great vision. He expounded his religious philosophy and the essence of these principles in the forms of verses, which Bishnoi's refer to as the Shabadvani, and considered it as their most sacred text. Jambh bani or Shabadvani is a collection of one hundred and twenty shabads, composed in Rajasthani dialect, "Marubhasha". These spiritual verses have a vigour of their own, vibrant, passionate and sincere. These are distinguished by their vivid, conversational style and moral exhortation. The solemnity of the language, full of oratorical exclamations the luxuriant metaphors, the similes, the liberal scattering of purani, upanishadic and vedic images lend them a charm of their own, a unique loftiness and splendour. It is revered as the fifth veda by the followers of Guru Jambheshwar Ji.

Guru Jambheshwar Ji in his 'Shabadvani' criticized the Brahmnical orthodoxy, caste hierarchy, idol worship and the complex ritual apparatus for worship. He emphasized on monotheism and simplicity in the ritual domain.

Among the 29 commandments laid down by Guru Jambheshwar Ji, eight commandments have been prescribed to preserve biodiversity, and encourage good animal husbandry. These include performing home or haven (oblation to the holy fire) every morning, to be compassionate towards all living being, to maintain male goats in a sanctuary, non-sterilization of bulls, a prohibition against killing of animals and the cutting down of any type of green trees and providing protection to all life forms. The followers are even directed to see that the fire wood is devoid of small insects before burning it in their hearths. Even the wearing of blue clothes is prohibited, because the dye for colouring them was obtained by cutting a large quantity of shrubs.

Seven commandments provide directions for healthy social behaviour. They direct the followers to live a simple, truthful life, commit no adultery, be content, abstentions, and pure and avoid making false arguments. Criticising others is prohibited and in the event of being criticised by others, tolerance is to be shown.

Ten Commandments are directed towards personal hygiene and maintaining good basic health. They provide simple instructions like drinking filtered water, taking a daily bath, improving sanitary conditions, prohibiting the use of opium, alcohol, tobacco, bhang and charas. Meat is specifically excluded from the diet of the followers and thus a vegetarian diet is followed. Ritual prohibition for 30 days after child birth and 5 day rest during menstruation is recommended.

Four commandments provide guidelines for worshipping God daily and always remember that God is omnipresent. On every Amavasya (moonless night), a fast should be observed and collective havan (lighting of holy fire) is to be performed for the salvation of the soul.

Guru Jambheshwar Ji has been occupying a unique place in the Bhakti movement. Though mainly his area of activity had been the desert land of Thar yet he had been touring other places too. Due to these extensive tours he has been spreading the message:

"Jeeya Nai Jugati or Mhan (Moova) nai mvgati".

(To live is a device and to die is salvation), within and outside the country.