

Deen Dayal Upadhyaya College

(University of Delhi)



Chief Guest :

Sh. Arun Bhagat

Former Chief, Intelligence Bureau &
Chairman Governing Body

Annual Report 2006-07

From the Desk of the Principal

Annual Report 2006 - 07

Honourable Chief Guest and Chairman of the Governing Body, Shri Arun Bhagat Ji, distinguished guests, my colleagues, parents and dear students. It is my privilege to welcome you all on the occasion of the 17th Annual Day of Deen Dayal Upadhyaya College.

Mr. Arun Bhagat is a well known personality in the echelons of the bureaucracy. After post-graduation from Hindu College of Delhi University, Mr. Bhagat qualified IPS and joined the Police services. In his service career spanning four decades, he held various important positions including the Director of Intelligence Bureau, Director General of Border Security Force, Additional Director General of CRPF, Special Director of CBI, Police Commissioner of Delhi, Joint Secretary in the Cabinet Secretariat and Counsellor at Indian Embassy, Tehran, Iran. After retirement from the active police service, Mr. Bhagat has been involved in a number of commissions and honorary consultancies for various organizations. He has been a member of the Police Reforms Commission ; National Consultant for United Nations Development Project ; International Consultant to Cambodia on behalf of High Commission for Human Rights, Geneva ; Consultant to the Ford Foundation of Delhi and Member of National Advisory Council of the National Security Council of India. It is an honour for us that despite being so busy, he accepted to become the Chairman of the Governing Body of our college. I welcome you sir, on this Prize Distribution Function.

I would now like to present before you the Achievements of the College in the last academic year.

ACHIEVEMENTS OF THE FACULTY

Dr. Bhardwaj R.M., served as one of the members of the Editorial sub-committee of the Book on History for B.A. Pt. II which was written by experts from different colleges – Prarambhik Aadhunik Europe Me Sanskritik Parivartan. He also delivered a talk on “Cross Cultural Management : A Historical Perspective with special reference to East India Company and the British Raj” to the students of MHROD, at the Department of Commerce, Delhi School of Economics.

Dr. Chhabra T.N., Reader in Deptt. of Commerce attended All India Accounting Conference, 2006 organised by Indian Accounting Association and an All India Seminar on Right to Information organized by Maharaja Surajmal Institute & presented outcome of the Seminar at the Valedictory Session held on 10th February, 2007.

Dr. Gautam V.K. Reader in Botany participated in the Assocham Summit on Green Revolution, Knowledge Agriculture held on 22nd – 24th Nov., 2006 at Delhi as well as in the Science Congress held at Chidambaram (Tamil Nadu) from 3rd – 7th January, 2007.

Dr. Gupta Pankaj, Reader in Deptt. of Mathematics participated in an International Symposium on “Mathematical Programming for Decision Making : Theory and Applications” (ISMPDM07) held between 10th & 11th January, 2007 at Indian Statistical Institute, Delhi and also in an IIT Delhi – IBM sponsored Operations Research weekend held on 8th & 9th April, 2006. He organized a National Symposium on Recent Advances in Optimization Theory and Applications held between 27th & 28th Oct., 2006 at the University of Delhi. Dr. Gupta has been selected as a Reader in the Department of Operational Research, University of Delhi, Delhi.

Dr. Goel Anek, was awarded Doctorate by L.N.I.P.E. (Deemed University) Gwalior, MP on his thesis “Study of Job Satisfaction, State and Trait anxiety and self confidence of Basketball officials of different levels”. He also attended a Refresher course in Physical Education held during 31st Jan. to 21st Feb., 2007 at CPDHE, University of Delhi, Delhi.

Dr. Jain Deepak, Reader in the Deptt. of Physics attended a Conference on “Advance Topics in Data Analysis in Cosmology and Gravitation Wave Analysis” held in October, 2006 at University of Delhi, Delhi. He also attended a Conference on “Recent Advances in Gravitation & Cosmology” held in February, 2007 at Jamia Millia Islamia, New Delhi.

Dr. Jain Veena, Sr. Lecturer in Operational Research, attended the 3rd International Conference on Quality, Reliability and Infocom Technology (Trends and Future Directions) held during 2nd – 4th December, 2006 at Indian National Science Academy, New Delhi organized by the Deptt. of Operational Research, University of Delhi and a National Symposium on “Functional Analysis, Optimization and Their Applications held on Jan. 19th & 20th, 2007 at Deen Dayal Upadhyaya College.

Mr. Jain Hem Chand, Deptt. of Commerce, was Convenor for Two Orientation Courses (OR-50 & OR-52) conducted by the CPDHE. He also attended All India Accounting Conference, 2006 organised by the Indian Accounting Association.

Dr. Kaur Ravinder, Reader in Deptt. of Physics & Electronics, was Secretary of the organizing Committee of a three day India-Japan Workshop (IJW-2006) on “ZnO Materials and Devices”, held between 18th – 20th December, 2006 at the Department of Electronic Science, University of Delhi.

Dr. Nair Lathika, Reader in Deptt. of Zoology was involved in writing chapters on immunology for National Science Digital Library of National Institute of Science Communication and Information Resources, (NISCAIR)

Dr. Mishra Anurag, Deptt. of Electronics attended Indian Science Congress from 3rd – 7th January, 2007 at Chidambaram, Tamil Nadu.

Dr. Rana Nisha, Reader in Deptt. of Commerce attended a UGC sponsored five day Workshop on “Capacity Building for Women Managers in Higher Education” held at Daulat Ram College during 21st – 26th Aug., 2006.

Dr. Rani Anita, Reader, Deptt. of Hindi has taken up the responsibility of Vice-Principal with effect from 2nd January, 2007 for a period of one year. Our heartiest congratulations to her.

Dr. Saxena Manoj, Lecturer, in Deptt. of Physics & Electronics has been a Reviewer of the Journal ‘IEEE Transactions on Electron Devices’ which is ranked eighteenth most-cited journal in the field of electrical and electronics engineering as per the annual Journal Citation Report (2003 edition) published by the Institute for Scientific Information.

He was awarded the Ph.D degree in Nov., 2006 for his thesis “Physics based analytical modeling and simulation of Dual Material Gate (DMG) MOSFET” by the University of Delhi.

Dr. Saxena Anand, Reader, Deptt. of Commerce, coordinated a Refresher course for the teachers of Commerce conducted by CPDHE, University of Delhi in Sept. – Oct., 2006. He was one of the teachers for writing the Business Studies Book published by NCERT for XI & XII class students. Dr. Saxena was one of the Subject Experts in the Tele-Conferencing Meet organized by NCERT to promote this book to their various chapters all over India.

Dr. Sehgal Deepak, Reader, Deptt. of Commerce, attended an International Conference on Accounting and Finance organized by Indian Accounting Association held on 22nd – 23rd Dec., 2006 at University of Delhi and was the reporter for a technical session on Managing Risk and Return. He was one of the authors for writing Accounting book published by NCERT for XI & XII Class. He was also the Subject Expert in the Tele-Conferencing Meet organized by NCERT to promote their book to their various chapters all over India.

Dr. Verma Nupur, Sr. Lecturer, in Deptt. of Physics & Electronics served as a member of the organizing committee of the 2nd International Conference on “Current Developments in Atomic, Molecular and Optical Physics with applications” held between 21st – 23rd March, 2006 at University of Delhi.

Communication to Symposia / Seminars / Conferences

Gahlaut Savita, 2006, “Calculation of recombination in a Freely Coasting Universe” National Conference on Mathematical Techniques MATEIT – 2006, Delhi.

Goel Anek, 2006, “Breathing exercises important for developing self-confidence for Basketball officials” Vth International Conference on advances in yoga research, education and therapy, Pune.

Goel Anek, 2007, “Study of Job Satisfaction, State and Trait anxiety and self-confidence of Basketball officials of different levels, XIX National Conference of Sports Psychology organized jointly by Nizam Institute of Engineering & Technology and Department of Psychology, Osmania University, Hyderabad.

Kaur Ravinder, Kumar Neeru, Mehra R.M., & Suri Poonam, 2006, "Photoluminescence in Yttrium doped sol-gel- synthesized ZnO films" Proceedings of 21st European Photovoltaic Solar Energy Conference and Exhibition, Dresden, Germany. pp. 208

Kaur Ravinder, Kumar Neeru and Mehra R.M., 2006, "Analysis of heterostructures : ZnO/Si", National Symposium on Semiconductor Materials and Recent Technologies (SMART 2006), Agra

Kaur Ravinder, Kumar.N, and Mehra R. M., 2006, "Yttrium Doped Zinc Oxide Films prepared by sol-gel spin coating", National Symposium on Semiconductor Materials and Recent Technologies (SMART 2006), Agra

Jain Anubha, **Kaur Ravinder**, Kumar Neeru and Mehra R.M., 2006, "Sol-gel derived n-ZnO/p-Si heterostructures", India-Japan Workshop, New Delhi pp. 67

Balasundram S., **Mishra Anurag**, 2007, "Spread Spectrum based Statistically Distributed Digital Watermarking in Monochrome bitmap Images", Conference Proceedings of IndiaCom – 2007, Computing for Nation – Development, New Delhi.

Singh Kulvinder, 2006, "Growth Kinetics and Surface Studies of Single Crystals of Mercuric Iodide", National Conference on Advances in Technologically Important Crystal , Delhi.

Singh Kulvinder, 2006, "Growth and X-ray Detector Studies of Single Crystals of Cadmium Doped Mercuric iodide (II)" National Seminar on Crystal Growth, Tamil Nadu.

Goel Kirti, Gupta Mridula, Gupta R.S., **Saxena Manoj**, 2006, "Comparison of Three Region Multiple Gate Nanoscale Structures for Reduced Short Channel Effects and High Device Reliability", Workshop on Compact Modeling (WCM 06), Boston, Massachusetts, U.S.A.,.

Chaujar Rishu, Gupta R.S., Kaur Ravneet, **Saxena Manoj**, "Gate Oxide Engineered Dual Material Gate Insulated Shallow Extension (GOXDMG-ISE) MOSFET : A New Vent to Wireless Communication," International Conference on Computers and Devices for Communication (CODEC-2006)

Chaujar Rishu, Gupta Mridula, Gupta R.S., Kaur Ravneet, **Saxena Manoj**, 2006, "Exploration of the Effect of Negative Junction Depth on the Electrical Characteristics of Concave DMG MOSFET in Sub-50-Nanometer Regime," International Conference on Computers and Devices for Communication (CODEC-2006)

- Chaujar Rishu, Gupta R.S., Gupta Mridula, Kaur Ravneet, **Saxena Manoj**, 2006, "Scrambled Sequence FPGA based Direct Sequence Spread Spectrum BPSK Modulator : 10 Stage Analysis", National Conference on Recent Trends in Electronics and Information Technology, (RTEIT 2006), pp 334-337, Maharashtra.
- Chaujar Rishu, Gupta R.S., Gupta Mridula, Kaur Ravneet, **Saxena Manoj**, 2006, "Exploring the Effect of Negative Junction Depth on Electrical Behaviour of Sub-50-Nanometer Concave DMG MOSFET: A Simulation Study", National Conference on Recent Advancement in Microwave Technique and Applications (Microwave-2006), Jaipur,
- Chaujar Rishu , Gupta R.S., Gupta Mridula, Kaur Ravneet, **Saxena Manoj**, 2006, "Lateral Channel Engineered Structure- Insulated Shallow Extension (ISE) MOSFET: DC and RF Performance Investigation," National Conference on Recent Advancement in Microwave Technique and Applications (Microwave-2006), Jaipur.
- Suri Poonam**, Dhingra Ritu and Mehra R.M., 2006, **Study of Eosin Y sensitized ZnO Solar cell**, Proceedings of 21st European Photovoltaic Solar Energy Conference and Exhibition, Dresden, Germany, p 226-229
- Suri Poonam**, N. Kumar, Ravinder Kaur, and R.M. Mehra, 2006, **Photoluminescence in Yttrium doped sol-gel synthesized ZnO films**. Proceedings of 21st European Photovoltaic Solar Energy Conference and Exhibition , Dresden, Germany, p 208-210
- Suri Poonam**, Ritu, Jimbo T., Soga T. and Mehra R.M., 2006, **Influence of thickness of ZnO electrode on the energy conversion efficiency of EosinY dye sensitized solar cell** Proceedings of India –Japan Workshop (IJW) on Zinc Oxide Materials and Devices New Delhi, p 57-61
- Suri Poonam**, Shishodia P.K., Dhingra and Mehra R.M.Mehra, 2006, **Characterization of ZnO electrode for dye-sensitized solar cell** National Symposium on Semiconductor Materials and Recent Technologies (SMART-2006) Agra
- Suri Poonam**, Shishodia P.K., and Mehra R.M., 2007, **ZnO based dye sensitized solar cells: Optimization of Fabrication Parameters**, 2nd National Conference on Condensed Matter and Materials Physics (CMMP-07) Jaipur.

Jha AKS, Manmohan, **Verma Nupur**, 2006, "Electron impact excitation collision strengths for Ni XI" 59th Annual GAS 2006, Meeting of the American Physical Society, Columbus

Articles in Journals / Periodicals

Bhardwaj R.M., 2006, Contributed one article entitled "Europe Me Dharmasudhar Aandolan : Vividha Paksha" in a book 'Prarambhik Adhunik Europe Me Sanskritik Parivartan' published from the Hindi Medium Directorate, Delhi University and prescribed for B.A. (Prog.) History, II yr. Students of University of Delhi.

Bhatia Shalini, Singh Y.P., "Does Futures Trading Impact Stock Market volatility? Evidence from Indian Financial Markets", 'Decision' The Journal of Indian Institute of Management, Calcutta, (in press Feb. 2007)

Gupta Pankaj, Singh Sanjeet, 2006, Approximate multiparametric sensitivity analysis of the constraint matrix in programming problems with linear-plus-linear fractional objective function, Applied Mathematics and Computation, Vol. 179, No. 2, pp. 662-671

Gupta Pankaj, Mehra Aparna, Shunsuke Shiraishi, Yokoyama Kazunori, e-optimality for minimax programming problems, 2006, Journal of Nonlinear and Convex Analysis, Vol. 7, No. 2, pp. 277 – 288.

Bao T.Q., Boris S. Mordukhovich, **Gupta Pankaj**, 2007, Necessary conditions in multiobjective optimization with equilibrium constraints, Journal of Optimization Theory and Applications, Vol. 134, No. 3.

Gupta Pankaj, Mehlawat Kumar Mukesh, 2007, An algorithm for a fuzzy transportation problem to select a new type of coal for a steel manufacturing unit, Sociedad de Estadística e Investigación Operativa (TOP)

Jain Deepak, Kumar.P, Singh and Sethi S.K., Sethi.G., 2006, Variable Chaplygin Gas : Constraints from CMBR and Sne Ia, Journal : Int. Jr. Mod. Phys.D, 15, 1089.

Kaur Ravinder, Mehra R.M., and Singh A.V., 2006, Sol-gel derived highly transparent and conducting yttrium doped ZnO films, Journal of Non Crystalline Solids, 352 2335

Kaur Ravinder, Kumar Neeru and Mehra R.M., 2006, Photoluminescence studies in sol-gel derived ZnO films, Journal of Luminescence (In press December 2006)

Gupta R.S, **Kasturi Poonam**, **Saxena Manoj**, 2006, "Two-Dimensional Analysis and Simulation for Gate Stack Silicon-On-Nothing MOSFET (GAS-SON MOSFET)", International Journal of Microwave and Optical Technology (IJMOT), Vol. 1, No.2, pp. 417-421.

Goel Kirti, Gupta Mridula, Gupta R.S., **Saxena Manoj**, 2006, "Modeling and Simulation of a Nanoscale Three Region Tri Material Gate Stack (TRIMGAS) MOSFET for Improved Carrier Transport Efficiency and Reduced Hot Electron Effects," IEEE Transactions on Electron Devices, Vol. 53, No. 7, pp. 1623-1633.

Chaujar Rishu, Gupta R.S., Kaur Ravneet, **Saxena Manoj**, 2007, "Performance Investigation of 50nm Insulated Shallow Extension Gate Stack (ISEGaS) MOSFET for Mixed Mode Applications," Vol. 54, No.2, pp. 365-368.

Goel Kirti, Gupta Mridula, Gupta R.S., **Saxena Manoj**, "Unified model for physics based modeling of a new device architecture:Triple Material Gate Oxide Stack Epitaxial Channel Profile (TRIMGASEpi) MOSFET", Semiconductor Science and Technology (Accepted).

Dr. Suri Poonam, **Panwar Manoj**, and **Mehra R. M.**, 2006, Photovoltaic performance of dye-sensitized ZnO solar cell based on Eosin-Y photosensitizer, Materials Science-Poland (in press)

Dr. Suri Poonam, and **Mehra R.M.**, 2006, Effect of electrolytes on the photovoltaic performance of a hybrid dye sensitized ZnO solar cell based on Eosin Y, Solar Energy Materials and Solar Cells (In press), October 2006

Jha A.K.S., Manmohan, **Verma Nupur**, 2006, "New relativistic atomic data for Fe IX." The Astrophysical Journal Supplement Series, Vol. 164, issue 1, pp 297.

Jha A.K.S., Manmohan, **Verma Nupur**, 2007, "Electron collisional excitation of argon like Ni XI using Breit Pauli R matrix method." Online publication Feb. 2007, Sringer Berlin ; The European Physical Journal D (in press)

Jha A.K.S., Manmohan, **Verma Nupur**, 2006, "Photoionization of ground $1s^2 2s^2 2p^6 \ ^1S_0$ and excited $1s^2 2s^2 2p^5 3s^3 \ P_{1,2,3}$ states of Si V using rel. BPR method. Canadian Journal of Physics, 84, pp 707.

Books

Chhabra T.N., Jain Hem Chand, Jain Aruna, 2006, “An Introduction to HTML”, Dhanpat Rai & Co. (Pvt.) Ltd., Delhi.

Chhabra T.N., 2007, ISC Commerce (for XI Standard), Arya Publications, New Delhi.

Chhabra T.N., 2007, ISC Commerce (for XII Standard), Arya Publications, New Delhi.

Chhabra T.N., 2006, Compensation Management (Co-Author : Dr. Savita Rastogi), Sun India Publication, New Delhi.

Sehgal Deepak, 2006, 6th Edition Advanced Accounting (Volume 1 and 2), Taxmann Allied Services Pvt. Ltd.

Sehgal Deepak, 2006, 5th Edition Fundamentals of Financial Accounting, Taxmann Allied Services Pvt. Ltd.

Saxena Anand, 2006, Entrepreneurship : Motivation, Performance and Reward, Deep & Deep Publications, New Delhi.

Edited Works

Gupta Pankaj, Lalitha C.S., Mehra Aparna, Malhotra Rita, Sonia (Eds.), 2007, Combinatorial Optimization : Some Aspects, Narosa Publishing House, New Delhi.

Bhardwaj Gopa, Jain Hem Chand & Sehdev Shiv Kumar, 2007, Orienting towards Higher Education (OR-52), CPDHE, Delhi.

Promotions

This year five members of the Faculty namely Sh. Avninder Kr. Singh, Dr. Veena Jain, Ms. Sujata Khatri, Ms. Shweta Thukral & Ms. Anuja Soni were promoted as Lecturer in Senior Scale. We extend our heartiest congratulations to them !

ACTIVITIES IN THE COLLEGE

Founder's Day

The college celebrated its Founder's Day on 25th September, 2006 with Dr. Chandan Mitra, Chief Editor "The Pioneer" as the Chief Guest and Sh. Nand Kishore Garg as the Guest of Honour. Mr. Alok Kumar, Former Deputy Speaker, Delhi Assembly was the Chief Speaker.

Dr. Mitra talked about value added courses run by colleges and emphasized the need of Knowledge economy in our country. In his view for India to become a nation of substance, we have to achieve excellence in research and development and use the indigenous technology for the benefit of the common man.

Sh. Alok Kumar discussed the theory and ideals propounded by Sh. Deen Dayal Upadhyaya and his work on Integral Humanism. He emphasized the importance of Integral Humanism as the most scientifically developed system of political development vis-a-vis other systems which have inherent contradictions in them.

Vande Mataram – The Independence Day Celebrations

'Vande Mataram' an annual event of our college was organized on 14th Aug., 2006 under the Convenership of Dr. P.K.Bedi. This inter college Solo Classical Dance and choir Competition was focused on enhancing the essence of Cultural & Basic human values among the students. It was organized in collaboration with the Culture Council of University of Delhi and was inaugurated by Dr. Suchitra Gupta, Secretary, Culture Council. The College witnessed an overwhelming response from 22 colleges of University of Delhi which participated in this event. While Ms. Nimisha Nair of DDUC, Ms. Gayatri of Gargi College and Mr. Rajesh Kumar of the Dept. of Sociology, University of Delhi were the respective winners for Classical Dance, the first, second and third prizes in the choir were won by the teams from Deshbandhu, Bharti and Gargi Colleges respectively.

Debating Society

Debating society is not just meant for competitions, but it is also a platform for exchanging views, forming opinions, sharpening understanding and expanding world view. Under the convenorship of Dr. Shashi Saxena activities of the debating society this year were planned and executed with

these objectives in mind. In the first meeting of the debating society in the month of July, around 30 students formally became members, many more joined later on. These members took part in the activities either at the level of organizing them or participating in them or both. Their concern for the growth of the society, their sense of involvement and responsibility towards it are the most crucial highlights of the year. Four inter class and one inter college debates were organized this year.

Among the inter class debates the first was held in the month of August for the freshers on the topic- **'Examination results have no correlation with true learning'**. Priya Malhotra and Rakhee of B.A (H) English won prizes.

The second interclass debate was on **'India and Pakistan will be friends one day'**. Fifteen students from various streams participated. Vipul Dixit & Kapil Kaushik were adjudged first, Naveen Gupta & Pravesh Bhutoria were second and Anshu Tomar & Ramanand Pandey got the third prize.

'India is a truly secular country' was the topic of the third inter class debate. Saurabh Mishra and Pravesh Bhutoria got the first prize while Ashok and Kapil Kaushik got the second. Naveen Gupta bagged the third prize. Vipul Dixit got the prize for best interjector.

On 6th December the society held an inter college debate on **'Terrorism is the biggest challenge for India today'**. **Thirty six students from 18 colleges** including four from our own college participated. Ms. Shahana Bhattacharya of the Department of History Kirori Mal College and Mr. D.A.Mishra a retired principal from a senior secondary school were the judges. Saurabh Mishra got the prize for best interjector in the event while Lady Shri Ram & Bhaskracharya College of Applied Science got the first prize, Acharya Narendra Dev College & Miranda House got the second. The third prize was bagged by Shradhanand & Kirori Mal College.

The last interclass debate was on the topic **"T.V. serials are a step forward in women's empowerment"**. Naveen Gupta got the first prize and Nida Akhtar the second prize. Ashish got the prize for the best interjector.

Besides Debates, the society also organized two group discussions : one on **"It is a man's world, gender equality is a mirage"**, and the second on **"the concept of secularism"** which was initiated by Dr. Himanshu Prasad Roy of Political Science department, followed by question answer session.

Our students participated in a large number in inter college debates on varied topics and got **three** third prizes. Pravesh Bhutoria got the prize in

Laxmi Bai College, Ramanand got in Satyawati College and another third prize in Janaki Devi Memorial College.

Dramatics Club

Theatre is one of the most important form of performing arts for the discovery of ones own self. Dramatic Club began its activities under the convenorship of Dr. Arpita Sharma with a **Talent Search for freshers**. The competition, on 8th August 2006 comprised Skit Round, Improvisation Round and Dialogue Delivery Round. The students participated with great enthusiasm and those with potential for acting and theatre were identified. They produced a street play '**Mahangayee Ki Maar**' and performed it on **25th September 2006**. The performance, which was satirical in nature and presented in tamaasha style of theatre, was thoroughly enjoyed by the spectators. To hone the theatrical skills of students a 15 days workshop was organized by the club under the guidance of Mr. Ravi Taneja of Collegiate Drama Society during the autumn break in October 2006. The Dramatics Club decided to produce and play the semi historical play '**Konark**' by Sh. Jagdish Chandra Mathur.

Students very enthusiastically rehearsed for one month and staged '**KONARK**' at **Shree Ram Centre, Mandi House** on 12th December 2006. The play is set in the medieval Orissa known for its great temple architecture and is about the mystery behind the existing fragmented condition of the famous Sun temple 'Konark' in Orissa. It was a difficult play with lots of scope for experimentation. The director used the back projection technique and presented dancers in different dancing poses as statues to create the feel of temple. The 400 odd audience was spell bound for an hour and a half. It was a scintillating performance of the students and the concept and execution of the play was awesome. Use of live music composition and odissi dances transformed the production into a delightful theatrical piece. The event was widely covered by press and media.

DDUC – Spic Macay Chapter

The Spic-Macay Chapter of the College, took the initiative of introducing the college fraternity to the World heritage besides glimpses of the immense cultural wealth of the country. The Chapter hosted 'Sattriya' – the classical dance from Assam and 'Purulia Chhau' – the folk dance from West Bengal. The Chapter's leap into the World heritage was manifested through hosting rare wind instrument quartet from Germany and 'Noh' theatre from Japan. All the events were exceptionally well attended and so was the heritage walk to "Humayun Tomb" where the expert, Dr. Ramjinarayanan elaborated on

the concept of Eight Heavens - a typical of tomb architecture. Whereas Dr. Himanshu Roy, Dr. Mahavir, Dr. Mukesh Kumar and Dr. Poonam Garg of the Faculty provided the backend support, it was the student pentagon of Deepika, Vishal, Prashant, Atul and Harpreet, who led from the front.

Annual Cultural Festival KALARAV

'KALARAV' the annual cultural festival of the college is the most awaited event of the year. 'Nature' which provides boundless gifts for organismic existence was the theme of 'KALARAV 2006'. This event was inaugurated by Sh.H.S.Dhaliwal, additional DCP West Zone and Sh. Subhash Sachdeva MLA, Moti Nagar. The festival under the Convenership of Dr.P.K.Bedi had a platter of activities like Poster making, Collage making, Quiz, Rangoli, Sudoku etc. The students enjoyed the spell bound performance by the college band 'Pluno', choreography team 'Sapphire' and 'Dhun'- the band of ex-DDUites. The icing on the cake was provided by an evening of Ghazals by Sh.Gulam Hussain and Folk Dance by artists from Punjabi Academy.

Eco-Club

The Eco-Club organized several competitions to create awareness about environmental issues. "Best out of Waste" involving - Card Making Competition, Bag Making Competition & Decorative / Useful item making competition attracted 35 students to participate. A lecture on "Climate Change and India" by Dr. Subodh Kant Sharma, Advisor in the Ministry of Environment and Forest on 11th September, 2006 was another such event. Poster Making and Slogan Writing Competition on the topic - "Say No to Crackers" and a skit competition on "Global Warming - a steadily ticking time bomb for the earth" which highlighted ways to beat global warming, were some of the other events.

Placement Cell

The objective of the Placement Cell is to groom the students for better placement in different sectors of economy. In order to meet the above objective the Placement Cell invited experts from a large number of career organizations to enlighten our students about the available career options in industry and other professional fields. The Cell also organized a seminar on Personality Development which benefited the students through a brain storming session.

To prepare the students for interviews the experts from PT Education conducted a two day Mock Recruitment workshop on 11th & 12th Dec.,

2006. This comprised of a written test followed by group discussion and personal interview. The environment of an actual recruitment session was created which helped the students to learn through simulation process.

A number of organizations contacted us but a few were called to conduct the actual placement sessions. Tata Consultancy Services, Apex Laboratories, Wipro are some of the prominent ones. Eleven of our students were shortlisted in Tata Consultancy Services and five in Apex Laboratories. We did not encourage companies recruiting for Call Centres.

NSS Committee

NSS Committee of the college organized inaugural function of NSS on 25th August, 2006. Prof. D.M. Banerjee, Professor in Geology Department, Delhi University and Chairman Delhi University Health Centre (WUSHC) was the Chief Guest. He spoke about the role of NSS in the college and suggested various ways through which college students can help the society for better living of the people. NSS wing of the college under guidance of Dr. V.K. Gautam and Dr. A.K. Singh organized activities such as blood donation camp, AIDS awareness campaign, programs for physically handicapped people through documentary films and lecturers, campus cleanliness drive etc. Our students also participated in the Vice-Chancellor's march on 12th Dec., 2006 held in Delhi University to create awareness against smoking and increasing incidence of AIDS in the country.

SPORTS

Achievements at National Level

- Krishan Kumar & Ravi Pratap of B.A. (P) Ist yr., represented Delhi State Team which participated in 33rd Junior National Volleyball Championship held at Vijayawada (Andhra Pradesh) from 13.1.07 to 20.1.07.
- Ms. Neetu Singh of B.Sc Gen (B)-III yr., represented Delhi State Team which participated in 27th Senior National Archery Championship held at Vijayawada (Andhra Pradesh) from 25.1.07 to 29.1.07.

Achievements at Inter-University Level

- Sunil Dhaka of B.A. (P) I yr. was a member of Delhi University's Baseball team which secured the **2nd Place** in All India Inter-university tournament.

- Mahendra of B.A. (P) I yr. was a member of Delhi University's Softball team which secured the 3rd place in All India Inter-university tournament..
- Neetu and Tanu of B.Sc –Life Sciences-III yr. were the members of Delhi University's Korfball team which secured the 3rd Place in All India Inter-university tournament.
- Hari Babu Gupta of B.A. (P) I yr. represented Delhi University Team in All India Inter-University Archery Tournament.
- Satish of B.A. (P) – II yr. represented Delhi University Volleyball Team which participated in North Zone Inter-versity Tournament.

Achievements at Inter-College Level

College teams participated in Inter-College Tournaments in Athletics, Badminton, Volleyball, Net Ball, Chess, Basketball, Baseball and achieved success at various levels.

College Sports Committee organized Delhi State Archery Championship from 16th to 19th October, 2006 held at the college grounds. Participants from 40 schools and colleges took part in the activity.

The activities of the Sports Committee were concluded with the organization of the Annual Sports Meet on 24th January, 2007. The Chief Guest Mr. Ashok Kumar Dhyanchand, an Arjun Awardee and an Olympian in Hockey gave away prizes to the winners of different events.

SUBJECT SOCIETIES

Abhivyakti

Abhivyakti, the forum for students of humanities under the convenorship of Dr. Madhu Chawla organized an Introductory Session for the first year students of B.A. (Prog.) and B.A. (Hons.), wherein the students showcased their talent through songs and short skits. Hindi Divas was celebrated on 14th September, 2006 by organizing an Essay Competition "Bhautikta Vadi Manovrati Manviya Mulyon Ka Hras Kar Rahi Hai" A three month Workshop on Calligraphy was organized by the Forum in the second term. A series of lectures such as "Role of Mass Communication in Developing Society by Dr. Uday Sahay, Principal Information Officer, Govt. of India ; "Managing successful career options for humanity students" by Prof. M.L. Singla of Faculty of Management Studies, University of Delhi and "How to discover and fulfill your true potential" by Dr. Sangita Prasad, Psychologist from St. Stephen's Hospital were held in the third term.

Aryabhatta Science Forum

Under the convenorship of Dr. Ravinder Kaur, the Aryabhatta Science Forum organized a lecture on "Expanding Universe" by Prof. K. Subramaniam from IUCAA, Pune.

Keeping in view the rising need of technical and professional knowledge and training for students, a two day intercollege workshop on Embedded Systems Design, "HELLO World.... Of Microcontrollers" was organized in the College on 14th and 15th December' 2006. The resource person of the workshop was Dr. D. V. Gadre from NSIT, Delhi University. Prof. Subrat Kar from IIT, Delhi inaugurated the Workshop. The Main objective of the workshop was an indepth coverage of the popular AVR RISC micro-controller family and dealing with different aspects of Hardware and Software Design. A practical session of two hours on each day was conducted by the speaker in the computer Lab and the participants worked on the AVR micro-controller Board. The workshop received an overwhelming response with 70 participants including students and faculty members of 10 colleges of Delhi University.

Charak Sushrut Biochemical Society

Charak Sushruta Biochemical Society organized the inaugural lecture on "**Rice Genome to Function of Genes**" by **Prof. Akhilesh Kumar Tyagi**, Director, Inter-disciplinary Center for Plant Genomics (ICPG), Department of Plant Molecular biology, University of Delhi, South Campus on September 19, 2006. In his talk, Prof. Tyagi apprised the audience about the frontier areas of plant biology and latest research being carried out in the field of Molecular Aspects of Plant Biology and Biotechnology.

The Society also organized a Science Quiz on November 17, 2006. The response of the students was overwhelming. In all seven teams participated in the quiz.

Harish Chandra Mathematics Society

HCMS Lecture series is a regular feature of Harish Chandra Mathematics Society. In this session Professor Ravi Kulkarni delivered a talk entitled "Dynamical Viewpoint in Mathematics" on August 7, 2006. Prof. Kulkarni is a Distinguished Professor in IIT Bombay & has been a Professor at the University of Pune as well as City University of New York. Another lecture was given by Dr. Sanjay Kumar, reader in our college entitled "Flavors of Geometry: Hyperbolic Geometry".

English Society

The English society, kept the learning tradition alive by organizing interactive sessions for the students of English literature. The students were introduced to finer nuances of literature by screening several movies like Monalisa Smile, Elizabeth, Othello, In search of Shakespeare and Omkara (Indian adaptation of Othello) followed by post screening discussions. A symposium on "Rethinking Continuity : India in Modern and Classical literary texts" was organized wherein the eminent scholars namely Dr. Kapil Kapoor and Dr. Nirmalya Samanta were the speakers. Dr. Kapil Kapoor shared his views with the students on the continuity in the Indian texts. He drew a fine distinction between the Indian and the Western literary tradition. Dr. Samanta talked about nationalism and nineteenth century Indian texts.

The English Society invited Barbara Castle, a Professor from California, who wanted to have a first hand experience of how teaching of English happens in Indian classrooms. A free writing session followed by an interactive session was conducted with her on the burning issues of gender, class, caste, violence and war.

Harriet Raghunathan, Reader, Deptt. of English of JMC and the Editor of various texts prescribed in our syllabus was invited. Her invaluable insights on the text of Chaucer helped the students in the understanding of Medieval times and Chaucer's **The Wife of Bath's Prologue and Tale**.

A three day workshop was conducted by a theatre professional to enhance the concentration, comprehension and expression of the students of B.A. (H) English.

Commerce Society

The Department of Commerce organized the Fresher's Welcome in July, 2006 and provided the students an opportunity to interact with each other through games. The Department also gave an identity to the Commerce society by naming it as CommUNITY. The name depicts the unity between faculty and students of the Commerce Department.

The inaugural lecture of CommUNITY was delivered by Prof. Charan Wadhva formerly Professor at IIM, Ahmedabad and now Professor Emeritus, Centre for Policy Research, on World Trade Organisation (WTO). Prof. Wadhva emphasized the implications of WTO on the Indian economy. He also focused on The Doha Round and agricultural problems of the economy. A lecture on career orientation was delivered by Mr. H.S. Sharma and Mr. Ravi his team from the Institute of Cost and Works Accountants of

India. Ms. Uma Chugh (Tally Group) delivered a talk on the relevance of 'Tally' in the current business environment.

The students of the Department of Commerce conceived and organized on 8th December, 2006 a one day seminar on "Opportunities for India in the Global economy". Mr. Mahesh Chandra (DDGFT) delivered the keynote address and Prof. Charan Wadhwa presided over the Inaugural session. They enlightened the students on various opportunities and challenges for the economy in today's competitive environment.

Prof. Muneesh Kumar, Head, Department of Financial Studies, University of Delhi, South Campus delivered a scintillating talk on "e-marketing: The Emerging Opportunities in the Flattening World". Mr. D.S. Rawat (FCA) apprised the participants about the Accounting, Legal and Taxation issues of the global economy in today's competitive, technological and globalised World.

Seminars / Conferences /Workshops organized by DDUC

The college organized four Seminar / Conferences / Workshops in the whole year, two of which were National Seminars sponsored by the University Grants Commission.

The first one organized by the Deptt. of Commerce on 8th Dec., 2006 "Opportunity for India in the Global Economy" was inaugurated by Prof. Charan Wadhwa, Formerly Professor at IIM, Ahmedabad and presently Prof. Emeritus at Centre for Policy Research, Chanakyapuri, New Delhi.

The Deptt. of Physics and Electronics organized a two days Workshop on "Embedded Systems Design" on 14th & 15th Dec., 2006. It was inaugurated by Prof. Subrat Kar, Deptt. of Electrical Engineering, IIT (Delhi).

Under the convenorship of Dr. Anil Kr. Karn, the Department of Mathematics organized a two days' National Symposium on "Functional Analysis, Optimization and Their Applications" during January 19-20, 2007. Invited speakers from all over India and also from abroad delivered their talks. Some of the premier institutes they represented include Freie Universitat, Berlin, Germany; University of Melbourne, Australia; Indian Statistical Institutes at Kolkata and Delhi; Indian Institutes of Technology at Mumbai and Kanpur and Banaras Hindu University, Varanasi besides University of Delhi. The Symposium coordinated by Ms. Poonam Garg was attended by more than fifty participants. The organizing secretary of this symposium was Dr. Sanjay Kumar.

✓ On 14th & 15th Feb., 2007, the Department of Chemistry organized a two days National Workshop sponsored by University Grants Commission on "Recent Advances in Analytical Techniques". The Workshop was inaugurated by Prof. S.K. Tandon, Pro-Vice Chancellor, University of Delhi. It was attended by 90 registered delegates apart from the students from various colleges of Delhi and outside. There were thirteen invited lecturers and a lab. session on isolation of DNA. Scientists from various parts of the country including NCL Pune, IIT Delhi, Ajmer University, Pusa Institute and University of Delhi were involved as speakers. The Valedictory function was chaired by Prof. V.S. Parmar, Deptt. of Chemistry, University of Delhi. The convenor of the Workshop Dr. Vinod Kumar, the Organising Secretary Dr. Sachin Mittal and other members of the department of Chemistry deserve to be complimented.

Academic Achievements

Our students have maintained the momentum of improving the quality of result. Maintaining the pass percentage at 90, the number of students passing in first division has increased to 450 as against 414 last year. Thirteen students secured position within first five in the University Examination. **Agraj Mangal** of B.Sc (H) Comp. Science Final Yr. stood **third** in the University securing 79.95% marks. **Arpan Aggarwal and Ankit Rajpal** of B.Sc (H) Comp. Science II yr., stood **second & fourth** in the University, securing 82.23 & 81.23% marks respectively. **Saurabh Bansal** of B.Sc (H) Physics II yr. stood **third** in the University with 90.9% marks. In PGDCA, I Semester the second and third positions in the University were secured by **Pawan Kumar and Reena Jolly**. In II Semester **Reena Jolly and Shann Saxena** stood second and third respectively. In PGDCA final the first three positions in the University were bagged by our students. **Nidhi Vasudeva** topped the University by securing 84.4% marks, **Nidhi Jain** with 81.95% stood second and **Nitu Dixit** was adjudged third with 81.0%

Year after year when we celebrate our Annual Day, it is also time for us to assess our achievements and fix our goals. Though our institution has progressed in leaps and bounds, we find that a little is done and much remains to be achieved. What Tennyson said for 'experience' is equally true for knowledge. i.e.

*"it is an arch wherethrough
Gleams that untravelled World,
whose margin fades
For ever and for ever when I move."*

It is perhaps through this mantra that we shall turn our dreams into reality.

Thank You,